

# iDRAC with Lifecycle Controller Version

**3.36.36.36**

Attribute Registry

## Notes, cautions, and warnings

 **NOTE:** A NOTE indicates important information that helps you make better use of your product.

 **CAUTION:** A CAUTION indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

 **WARNING:** A WARNING indicates a potential for property damage, personal injury, or death.

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# iDRAC Property Database Group and Object Descriptions

The iDRAC property database contains the configuration information for iDRAC. Associated object is organizing data, and object group is organizing object. The IDs for the groups and objects that the property database supports are listed in this guide. To configure iDRAC, use the group and object IDs.

All string values are limited to displayable ASCII characters, except where otherwise noted.

 **NOTE:** You can configure a setting that does not have a hash symbol (#) as the prefix in its output name. To modify a configurable object, use the `-o` option.

## Topics:

- [New In This Release](#)

## New In This Release

- Added support for `iDRAC.CurrentIPv6.DHCPv6Address` subcommand

# iDRAC Attributes

## Topics:

- iDRAC.ActiveDirectory
- iDRAC.ADGroup
- iDRAC.ASRConfig
- iDRAC.Autodiscovery
- iDRAC.AutoOSLockGroup
- iDRAC.CurrentIPV4
- iDRAC.CurrentIPV6
- iDRAC.CurrentNIC
- iDRAC.DCSCustom
- iDRAC.DefaultCredentialMitigationConfigGroup
- iDRAC.EmailAlert
- iDRAC.GroupManager
- iDRAC.GUISecurityPolicyMessage
- iDRAC.Info
- iDRAC.IntegratedDatacenter
- iDRac.IOIDOpt
- iDRAC.IPBlocking
- iDRAC.IPMILan
- iDRAC.IPMISerial
- iDRAC.IPMISOL
- iDRac.IPv4
- iDRAC.IPV4Static
- iDRAC.IPV6
- iDRAC.IPV6Static
- iDRAC.IPV6URL
- iDRAC.LDAP
- iDRAC.LDAPRoleGroup
- iDRAC.LocalSecurity
- iDRAC.Lockdown
- iDRAC.Logging
- iDRAC.MgmtNetworkInterface
- iDRAC.NICStatic
- iDRAC.NIC
- iDRAC.NTPConfigGroup
- iDRAC.OS-BMC
- iDRAC.Platformcapability
- iDRAC.RACADM
- iDRAC.Redfish
- iDRAC.RedfishEventing
- iDRAC.RemoteHosts
- iDRAC.RFS
- iDRAC.RSM
- iDRAC.Security
- iDRAC.SecurityCertificate
- iDRAC.Serial
- iDRAC.SerialRedirection
- iDRAC.ServerBoot
- iDRAC.ServiceModule

- iDRAC.Smartcard
- iDRAC.SNMP
- iDRAC.SNMP.Alert
- iDRAC.SNMPTRAPIv4
- iDRAC.SNMPTRAPIv6
- iDRAC.SSH
- iDRAC.SupportAssist
- iDRAC.SwitchConnectionView
- iDRAC.SysInfo
- iDRAC.Syslog
- iDRAC.Telnet
- iDRAC.Time
- iDRAC.Update
- iDRAC.USB
- iDRAC.Userdomain
- iDRAC.Users
- iDRAC.vFlashPartition
- iDRAC.vFlashSD
- iDRAC.VirtualConsole
- iDRAC.VirtualMedia
- iDRAC.VNCServer
- iDRAC.WebServer

## iDRAC.ActiveDirectory

This group contains the attributes that provides details about ActiveDirectory.

### iDRAC.ActiveDirectory.AuthTimeout (Read or Write)

<b>Description</b>	Specifies the number of seconds to wait for Active Directory authentication requests to complete before timing out.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Integral values from 15 to 300</li> </ul>
<b>Default Value</b>	120
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependancy</b>	None

### iDRAC.ActiveDirectory.CertValidationEnable (Read or Write)

<b>Description</b>	Enables or disables Active Directory certificate validation as a part of the Active Directory configuration process.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Disabled-0</li> <li>• Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.ActiveDirectory.DCLookupByUserDomain (Read or Write)

<b>Description</b>	Chooses the way the user domain is looked up for Active Directory.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	Cannot be Disabled unless DC Lookup Domain Name is set

## iDRAC.ActiveDirectory.DCLookupDomainName (Read or Write)

<b>Description</b>	This is the configured search domain to use when DCLookupByUserDomain is disabled
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.DCLookupEnable (Read or Write)

<b>Description</b>	Configures iDRAC to use pre-configured domain controllers or to use DNS to find the domain controller.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.DomainController1 (Read or Write)

<b>Description</b>	Specifies the LDAP server from which you want the iDRAC to obtain user names
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.DomainController2 (Read or Write)

<b>Description</b>	Specifies the LDAP server from which you want the iDRAC to obtain user names
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.DomainController3 (Read or Write)

<b>Description</b>	Specifies the LDAP server from which you want the iDRAC to obtain user names
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.Enable (Read or Write)

<b>Description</b>	Enables or disables Active Directory user authentication on iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.GCLookupEnable (Read or Write)

<b>Description</b>	Determines how the global catalog server is looked up.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.GCRootDomain (Read or Write)

<b>Description</b>	The name of the Active Directory root domain used for DNS look up, to locate Global Catalog servers.
--------------------	--

<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.GlobalCatalog1 (Read or Write)

<b>Description</b>	Specifies the Global Catalog server from which you want the iDRAC to obtain user names.
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.GlobalCatalog2 (Read or Write)

<b>Description</b>	Specifies the Global Catalog server from which you want the iDRAC to obtain user names.
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.GlobalCatalog3 (Read or Write)

<b>Description</b>	Specifies the Global Catalog server from which you want the iDRAC to obtain user names.
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.ActiveDirectory.RacDomain (Read or Write)

<b>Description</b>	Active Directory Domain in which iDRAC resides.
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise



**Dependency** None

## iDRAC.ActiveDirectory.RacName (Read or Write)

**Description** Name of iDRAC as recorded in the Active Directory forest.

**Legal Values**

- String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.ActiveDirectory.Schema (Read or Write)

**Description** Determines the schema type to use with Active Directory.

**Legal Values**

- Extended Schema-1
- Standard Schema-2

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.ActiveDirectory.SSOEnable (Read or Write)

**Description** Enables or disables Active Directory single sign-on authentication on iDRAC.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** Cannot be Enabled unless SmartCard Logon Enable is Disabled

## iDRAC.ADGroup

This group contains the attributes that provides details about ADGroup.

## iDRAC.ADGroup.Domain (Read or Write)

**Description** Active Directory Domain in which the Role Group resides.

**Legal Values**

- String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.ADGroup.Name (Read or Write)

**Description** Name of the Role Group as recorded in the Active Directory forest.

**Legal Values**

- String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.ADGroup.Privilege (Read or Write)

**Description** Role-based authority privileges for a Role Group

**Legal Values**

- Integral values from 0 to 511

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.ASRConfig

This group contains the attributes that provides details about ASR configuration.

## iDRAC.ASRConfig.Enable (Read or Write)

**Description** Status of ASR Config

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Autodiscovery

This group contains the attributes that provides details about `iDRAC.Autodiscovery`.

## iDRAC.Autodiscovery.EnableIPChangeAnnounce (Read or Write)

**Description** Enable Auto Discovery to allow 1:many consoles to discover iDRAC

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Autodiscovery.EnableIPChangeAnnounceFromDHCP (Read or Write)

<b>Description</b>	Enable iDRAC to obtain list of consoles through DHCP.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Autodiscovery.EnableIPChangeAnnounceFrommDNS (Read or Write)

<b>Description</b>	Enable iDRAC to obtain list of consoles through mDNS
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Autodiscovery.EnableIPChangeAnnounceFromUnicastDNS (Read or Write)

<b>Description</b>	Enable iDRAC to obtain list of consoles through unicast DNS.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Autodiscovery.UnsolicitedIPChangeAnnounceRate (Read or Write)

<b>Description</b>	Rate of periodic refresh of IP address to consoles
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· 1 hour-1</li><li>· 6 hours-2</li><li>· 12 hours-3</li><li>· 1 day-4</li><li>· 3 days-5</li><li>· 1 week-6</li><li>· 2 weeks-7</li><li>· 4 weeks-8</li><li>· 6 weeks-9</li></ul>
<b>Default Value</b>	4
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.AutoOSLockGroup

This group contains the attributes that provides details about Auto OS lock group.

 **NOTE:** The `iDRAC.AutoOSLock` command is deprecated and replaced with `iDRAC.AutoOSLockGroup` command.

## iDRAC.AutoOSLockGroup.AutoOSLockState (Read or Write)

<b>Description</b>	Enable Auto OS Lock State
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPV4

This group contains the attributes that provides details about `iDRAC.CurrentIPV4`.

## iDRAC.CurrentIPv4.Address (Read Only)

<b>Description</b>	The current IPv4 address assigned to the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.DHCPEnable (Read Only)

<b>Description</b>	Specifies if DHCP is used to assign the iDRAC IPv4 address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.DNS1 (Read Only)

<b>Description</b>	IPv4 address for DNS server 1
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.DNS2 (Read Only)

<b>Description</b>	IPv4 address for DNS Server 2
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.DNSFromDHCP (Read Only)

<b>Description</b>	Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.DupAddrDetected (Read Only)

<b>Description</b>	The current IPv4 address assigned to the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.Enable (Read Only)

<b>Description</b>	Enables or Disables the iDRAC IPv4 stack
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.Gateway (Read Only)

<b>Description</b>	The gateway for the iDRAC IPv4 address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv4.Netmask (Read Only)

<b>Description</b>	The subnet mask used for the iDRAC IPv4 address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6

This group contains the attributes that provides details about current IPv6 settings.

## iDRAC.CurrentIPv6.Address1 (Read Only)

**Description** iDRAC IPv6 Address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address10 (Read Only)

**Description** iDRAC IPv6 tenth address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address11 (Read Only)

**Description** iDRAC IPv6 eleventh address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address12 (Read Only)

**Description** iDRAC IPv6 twelfth address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address13 (Read Only)

**Description** iDRAC IPv6 thirteenth address

**Legal Values** · String of up to 63 ASCII characters.

<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.Address14 (Read Only)

<b>Description</b>	iDRAC IPv6 fourteenth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.Address15 (Read Only)

<b>Description</b>	iDRAC IPv6 fifteenth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.Address2 (Read Only)

<b>Description</b>	iDRAC IPv6 second address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.Address3 (Read Only)

<b>Description</b>	iDRAC IPv6 third address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None



## iDRAC.CurrentIPv6.Address4 (Read Only)

**Description** iDRAC IPv6 fourth address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address5 (Read Only)

**Description** iDRAC IPv6 fifth address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address6 (Read Only)

**Description** iDRAC IPv6 sixth address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address7 (Read Only)

**Description** iDRAC IPv6 seventh address

**Legal Values** · String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Address8 (Read Only)

**Description** iDRAC IPv6 eighth address

**Legal Values** · String of up to 63 ASCII characters.

<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentIPv6.Address9 (Read Only)

<b>Description</b>	iDRAC IPv6 ninth address
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>String of up to 63 ASCII characters.</li> </ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentIPv6.AutoConfig (Read Only)

<b>Description</b>	Enables or Disables the iDRAC IPv6 auto configuration option
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentIPv6.DHCPv6Address (Read Only)

<b>Description</b>	Specifies the iDRAC DHCPv6 Address.
<b>Legal Values</b>	String of up to 63 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentIPv6.DNS1 (Read Only)

<b>Description</b>	IPv6 DNS Server 1 Address
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>String of up to 63 ASCII characters.</li> </ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentIPv6.DNS2 (Read Only)

**Description** IPv6 DNS Server 2 Address

**Legal Values**

- String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.DNSFromDHCP6 (Read Only)

**Description** Specifies if the DNS Server addresses are obtained from DHCP or not

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.DUID (Read Only)

**Description** DHCP Unique Identifier

**Legal Values**

- String of up to 63 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Enable (Read Only)

**Description** Enables or Disables iDRAC IPv6 stack

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentIPv6.Gateway (Read Only)

**Description** iDRAC IPv6 Gateway

<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.IPV6NumOfExtAddress (Read Only)

<b>Description</b>	Total number of extended IP
<b>Legal Values</b>	· Integral values from 0 to 255
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.LinkLocalAddress (Read Only)

<b>Description</b>	iDRAC IPv6 Link Local Address
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentIPv6.PrefixLength (Read Only)

<b>Description</b>	Prefix length for the iDRAC IPv6 Address
<b>Legal Values</b>	· Integral values from 1 to 128
<b>Default Value</b>	64
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC

This group contains the attributes that provide details about current NIC.

## iDRAC.CurrentNIC.ActiveNIC (Read Only)

<b>Description</b>	Currently Active iDRAC network interface
<b>Legal Values</b>	· None-0

- Dedicated-1
- LOM1-2
- LOM2-3
- LOM3-4
- LOM4-5
- LOM5-6
- LOM6-7
- LOM7-8
- LOM8-9
- LOM9-10
- LOM10-11
- LOM11-12
- LOM12-13
- LOM13-14
- LOM14-15
- LOM15-16
- LOM16-17

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentNIC.ActiveSharedLOM (Read Only)

<b>Description</b>	Currently Active iDRAC shared network interface
--------------------	---

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· None-0</li> <li>· LOM1-1</li> <li>· LOM2-2</li> <li>· LOM3-3</li> <li>· LOM4-4</li> <li>· LOM5-5</li> <li>· LOM6-6</li> <li>· LOM7-7</li> <li>· LOM8-8</li> <li>· LOM9-9</li> <li>· LOM10-10</li> <li>· LOM11-11</li> <li>· LOM12-12</li> <li>· LOM13-13</li> <li>· LOM14-14</li> <li>· LOM15-15</li> <li>· LOM16-16</li> </ul>
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<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.CurrentNIC.AutoDetect (Read Only)

<b>Description</b>	Enable or disable auto detection feature of iDRAC
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<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.Autoneg (Read Only)

<b>Description</b>	Enables autonegotiation of physical link speed and duplex
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.DedicatedNICScanTime (Read Only)

<b>Description</b>	Shared to Dedicated Failover Timeout
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 5 to 255</li></ul>
<b>Default Value</b>	5
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.DNSDomainFromDHCP (Read Only)

<b>Description</b>	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.DNSDomainName (Read Only)

<b>Description</b>	The DNS Domain Name
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.DNSRacName (Read Only)

<b>Description</b>	The iDRAC name, which is iDRAC-&lt;SVCTAG&gt; by default
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>String of up to 63 ASCII characters.</li> </ul>
<b>Default Value</b>	idrac-SVCTAG
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.DNSRegister (Read Only)

<b>Description</b>	Registers the iDRAC name with the DNS server.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.Duplex (Read Only)

<b>Description</b>	Specifies the duplex setting for the iDRAC NIC
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Half-0</li> <li>full-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.Enable (Read Only)

<b>Description</b>	Enables or Disables the iDRAC network interface controller.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.Failover (Read Only)

**Description** Specifies the NIC Failover LOM

**Legal Values**

- None-0
- LOM1-1
- LOM2-2
- LOM3-3
- LOM4-4
- ALL-5

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.LinkStatus (Read Only)

**Description** iDRAC Link Status.

**Legal Values**

- No-0
- Yes-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.MACAddress (Read Only)

**Description** The MAC Address of the iDRAC

**Legal Values**

- String of up to 17 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.MACAddress2 (Read Only)

**Description** The MAC Address 2 of the iDRAC

**Legal Values**

- String of up to 17 ASCII characters.

**Default Value** 00:00:00:00:00:02

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic



**Dependency** None

## iDRAC.CurrentNIC.MgmtIfcName (Read Only)

**Description** The name of the Management Network Interface

**Legal Values** . String of up to 11 ASCII characters.

**Default Value** bond0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.MTU (Read Only)

**Description** The size in bytes of the maximum transmission unit used by the iDRAC NIC

**Legal Values** . Integral values from 576 to 1500

**Default Value** 1500

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.NumberOfLOM (Read Only)

**Description** Number of shared LOM available for iDRAC network interface

**Legal Values** . Integral values from 0 to 8

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.Selection (Read Only)

**Description** Specifies the current mode of operation for the iDRAC network interface controller

**Legal Values** . Dedicated-1  
· LOM1-2  
· LOM2-3  
· LOM3-4  
· LOM4-5

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.CurrentNIC.SharedNICScanTime (Read Only)

<b>Description</b>	Dedicated to Shared Failover Timeout
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 5 to 255</li></ul>
<b>Default Value</b>	30
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.Speed (Read Only)

<b>Description</b>	Specifies the speed for the iDRAC NIC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 10-0</li><li>· 100-1</li><li>· 1000-2</li><li>· 2500-3</li><li>· 10000-4</li><li>· 20000-5</li><li>· 25000-6</li><li>· 40000-7</li><li>· 50000-8</li><li>· 100000-9</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.VLanEnable (Read Only)

<b>Description</b>	Enables or Disables the VLAN capabilities of the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.VLanID (Read Only)

<b>Description</b>	Specifies the VLAN ID for the network VLAN configuration
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 4094</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.VLanPriority (Read Only)

<b>Description</b>	Specifies the VLAN priority for the network VLAN configuration
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 0 to 7</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.CurrentNIC.VLanSetting (Read Only)

<b>Description</b>	Auto VLAN Setting
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Both Enable-0</li> <li>Disabled on Dedicated-1</li> <li>Disabled on share-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.DCSCustom

This group contains the attributes that provides DCS custom details.

### iDRAC.DCSCustom.RRCCardPresent (Read or Write)

<b>Description</b>	Indicates the presence or absence of RRC card or any other fabric
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>NotApplicable-0</li> <li>Unknown-1</li> <li>Present-2</li> <li>Absent-3</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.DCSCustom.WANCardPresent (Read or Write)

<b>Description</b>	Indicates the presence or absence of WAN Card
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Unknown-0</li> </ul>

- Present-1
- Absent-2
- NotApplicable-3

<b>Default Value</b>	3
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None


## iDRAC.DefaultCredentialMitigationConfigGroup

 **NOTE:** The iDRAC.Tuning group is deprecated and replaced with iDRAC.DefaultCredentialMitigationConfigGroup group.

This group contains the attributes that provide details about iDRAC Default Credential Mitigation Configuration Group.

## iDRAC.DefaultCredentialMitigationConfigGroup.DefaultCredentialMitigation (Read or Write)

**Description** Enable Default Credential Mitigation

 **NOTE:** Attribute naming might not be same across all interfaces. Use the key string to find and compare correct attribute name in WSMAN SCP.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependancy** None

## iDRAC.EmailAlert

This group contains the attributes that provide details about email alerts.

## iDRAC.EmailAlert.Address (Read or Write)

**Description** Specifies the destination email address for email alerts

**Legal Values**

- String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependancy** None

## iDRAC.EmailAlert.CustomMsg (Read or Write)

**Description** Specifies the custom message that forms the subject of the alert

<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.EmailAlert.Enable (Read or Write)

<b>Description</b>	Enables or Disables the destination to receive alerts
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.GroupManager

This group contains the attributes that provides details about GroupManager.

### iDRAC.GroupManager.GroupName (Read Only)

<b>Description</b>	GroupName is the user specified name of the iDRAC Group Manager local group.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.GroupManager.GroupUUID (Read Only)

 **NOTE:** The `iDRAC.GroupManager.GroupUID` attribute is deprecated and replaced with `iDRAC.GroupManager.GroupUUID` attribute.

<b>Description</b>	GroupUUID is a universally unique identifier that is automatically generated when the iDRAC Group Manager local group is created. This is used to track a group and remains constant for the life of the group.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.GroupManager.Status (Read or Write)

**i** **NOTE:** The `iDRAC.GroupManager.Globalstate` command is deprecated and replaced with `iDRAC.GroupManager.Status` command.

<b>Description</b>	Enables or disables Group Management. iDRAC Group Manager feature offers simplified basic management of iDRACs on the same local network using the iDRAC GUI. When enabled a link local IPv6 address is used to discover and communicate with other iDRACs.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.GUISecurityPolicyMessage

This group contains the attributes that provides details about GUI security policy message.

## iDRAC.GUI.SecurityPolicyMessage (Read or Write)

<b>Description</b>	Security Policy Message Displayed on the GUI login screen
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 1024 ASCII characters.</li></ul>
<b>Default Value</b>	By accessing this computer, you confirm that such access complies with your organization's security policy.
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.Info

This group contains the attributes that provides details about iDRAC info.

## iDRAC.Info.Build (Read Only)

<b>Description</b>	String containing the current product build version
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	25
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.Info.CPLDVersion (Read Only)

<b>Description</b>	Specifies the CPLD firmware version of the server.
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<b>Legal Values</b>	· String of up to 6 ASCII characters.
<b>Default Value</b>	0.0.0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Info.Description (Read Only)

<b>Description</b>	Text description of the iDRAC
<b>Legal Values</b>	· String of up to 512 ASCII characters.
<b>Default Value</b>	This system component provides a complete set of remote management functions for Dell PowerEdge Server.
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Info.HWRev (Read Only)

<b>Description</b>	Specifies the iDRAC hardware revision.
<b>Legal Values</b>	· String of up to 256 ASCII characters.
<b>Default Value</b>	.0.1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Info.IPMIVersion (Read Only)

<b>Description</b>	Current IPMI Version supported on iDRAC
<b>Legal Values</b>	· String of up to 20 ASCII characters.
<b>Default Value</b>	2
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Info.Name (Read Only)

<b>Description</b>	User assigned name identifying this controller
<b>Legal Values</b>	· String of up to 15 ASCII characters.
<b>Default Value</b>	iDRAC
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.Info.Product (Read Only)

**Description** String identifying the Product

**Legal Values**

- String of up to 71 ASCII characters.

**Default Value** Integrated Dell Remote Access Controller

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Info.RollbackBuild (Read Only)

**Description** Specifies the iDRAC rollback build number.

**Legal Values**

- String of up to 256 ASCII characters.

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Info.RollbackVersion (Read Only)

**Description** Specifies the iDRAC rollback version.

**Legal Values**

- String of up to 256 ASCII characters.

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Info.ServerGen (Read Only)

**Description** String containing the current server generation

**Legal Values**

- 12G-1
- 13G-2
- 14G-3

**Default Value** 3

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None



## iDRAC.Info.Type (Read Only)

<b>Description</b>	Identifies the remote access controller type as iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 12G/13G/14G-0</li><li>· Other-1</li><li>· Unknown-2</li><li>· 12G Monolithic-16</li><li>· 12G Modular-17</li><li>· 13G Monolithic-32</li><li>· 13G Modular-33</li><li>· 12G DCS-21</li><li>· 13G DCS-34</li><li>· 14G Monolithic-48</li><li>· 14G Modular-49</li><li>· 14G DCS-50</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Info.Version (Read Only)

<b>Description</b>	String containing the current product firmware version
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IntegratedDatacenter

This group contains the attributes that provides details about Integrated datacenter.

### iDRAC.IntegratedDatacenter.DiscoveryEnable (Read or Write)

<b>Description</b>	Enable Autodiscovery
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# iDRac.IOIDOpt

This group contains the attributes that provides details about iDRAC IOIDOpt.

## iDRAC.IOIDOpt.InitiatorPersistencePolicy (Read or Write)

<b>Description</b>	Initiator Persistence Policy
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· WarmReset-1</li><li>· ColdReset-2</li><li>· WarmReset, ColdReset-3</li><li>· ACPowerLoss-4</li><li>· WarmReset, ACPowerLoss-5</li><li>· ColdReset, ACPowerLoss-6</li><li>· WarmReset, ColdReset, ACPowerLoss-7</li></ul>
<b>Default Value</b>	7
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IOIDOpt.IOIDOptEnable (Read or Write)

<b>Description</b>	Enable IO Identity Optimization
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IOIDOpt.StorageTargetPersistencePolicy (Read or Write)

<b>Description</b>	Storage Target Persistence Policy
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· WarmReset-1</li><li>· ColdReset-2</li><li>· WarmReset, ColdReset-3</li><li>· ACPowerLoss-4</li><li>· WarmReset, ACPowerLoss-5</li><li>· ColdReset, ACPowerLoss-6</li><li>· WarmReset, ColdReset, ACPowerLoss-7</li></ul>
<b>Default Value</b>	7
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.IOIDOpt.VirtualAddressPersistencePolicyAuxPwr (Read or Write)

**Description** Virtual Address Persistence Policy Auxiliary Powered

**Legal Values**

- None-0
- WarmReset-1
- ColdReset-2
- WarmReset, ColdReset-3
- ACPowerLoss-4
- WarmReset, ACPowerLoss-5
- ColdReset, ACPowerLoss-6
- WarmReset, ColdReset, ACPowerLoss-7

**Default Value** 3

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.IOIDOpt.VirtualAddressPersistencePolicyNonAuxPwr (Read or Write)

**Description** Virtual Address Persistence Policy Non Auxiliary Powered

**Legal Values**

- None-0
- WarmReset-1
- ColdReset-2
- WarmReset, ColdReset-3
- ACPowerLoss-4
- WarmReset, ACPowerLoss-5
- ColdReset, ACPowerLoss-6
- WarmReset, ColdReset, ACPowerLoss-7

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.IPBlocking

This group contains the attributes that provides details about IP Blocking.

### iDRAC.IPBlocking.BlockEnable (Read or Write)

**Description** Enables or disables the IPv4 address blocking feature of iDRAC.

**Legal Values**

- Disabled-0
- Enabled-1

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPBlocking.FailCount (Read or Write)

<b>Description</b>	Specifies the maximum number of login failures to occur within the window before login attempts from the IP address are rejected.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 2 to 16</li></ul>
<b>Default Value</b>	3
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPBlocking.FailWindow (Read or Write)

<b>Description</b>	Defines the time span in seconds that the failed attempts are counted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 10 to 65535</li></ul>
<b>Default Value</b>	60
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPBlocking.PenaltyTime (Read or Write)

<b>Description</b>	Defines the time span in seconds that session requests from an IP address with excessive failures are rejected.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 2 to 65535</li></ul>
<b>Default Value</b>	60
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPBlocking.RangeAddr (Read or Write)

<b>Description</b>	Specifies the IPv4 address of IPv4 Address Range 1 of the IP blocking feature of iDRAC.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	192.168.1.1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPBlocking.RangeEnable (Read or Write)

<b>Description</b>	Enables or disables IPv4 Address Range 1 of the IP blocking feature of iDRAC.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.IPBlocking.RangeMask (Read or Write)

<b>Description</b>	Specifies the IPv4 subnet mask of IPv4 Address Range 1 of the IP blocking feature of iDRAC.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	255.255.255.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.IPMILan

This group contains the attributes that provides details about iDRAC IPMI Lan.

## iDRAC.IPMILan.AlertEnable (Read or Write)

<b>Description</b>	Enables or Disables global email alerting
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMILan.CommunityName (Read or Write)

<b>Description</b>	Specifies the SNMP community name for traps
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 18 ASCII characters.</li></ul>
<b>Default Value</b>	public
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMLan.Enable (Read or Write)

<b>Description</b>	Enables or Disables the IPMI over LAN interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMLan.EncryptionKey (Read or Write)

<b>Description</b>	Specifies the IPMI Encryption key
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 40 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMLan.PrivLimit (Read or Write)

<b>Description</b>	Specifies the maximum privilege level for IPMI over LAN access
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· User-2</li><li>· Operator-3</li><li>· Administrator-4</li></ul>
<b>Default Value</b>	4
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMI Serial

This group contains the attributes that provides details about iDRAC IPMI Serial.

 **NOTE: This is supported only for rack and tower systems.**

## iDRAC.IPMI Serial.BaudRate (Read or Write)

<b>Description</b>	Specifies the baud rate for serial connection over IPMI
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 9600-9600</li><li>· 19200-19200</li><li>· 57600-57600</li><li>· 115200-115200</li></ul>
<b>Default Value</b>	57600

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.ChanPrivLimit (Read or Write)

<b>Description</b>	Specifies the maximum privilege limit allowed on the IPMI serial channel
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· User-2</li><li>· Operator-3</li><li>· Administrator-4</li></ul>
<b>Default Value</b>	4
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.ConnectionMode (Read or Write)

<b>Description</b>	Determines the IPMI defined mode of the serial port
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Terminal-0</li><li>· Basic-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.DeleteControl (Read or Write)

<b>Description</b>	Enables or Disables delete control on the IPMI serial interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.EchoControl (Read or Write)

<b>Description</b>	Enables or Disables echo control on the IPMI serial interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.FlowControl (Read or Write)

<b>Description</b>	Specifies the Flow Control setting for IPMI serial port
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· RTS/CTS-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.HandshakeControl (Read or Write)

<b>Description</b>	Enables or Disables the IPMI terminal mode handshake control
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.InputNewLineSeq (Read or Write)

<b>Description</b>	Specifies the input new line sequence for the IPMI serial interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enter-1</li><li>· Null-2</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.Serial.LineEdit (Read or Write)

<b>Description</b>	Enables or Disables line editing on the IPMI serial interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None



## iDRAC.IPMI.Serial.NewLineSeq (Read or Write)

<b>Description</b>	Specifies the new line sequence for the IPMI serial interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· CR-LF-1</li><li>· NULL-2</li><li>· CR-3</li><li>· LF-CR-4</li><li>· LF-5</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPMI.SOL

This group contains the attributes that provides details about iDRAC IPMI SOL.

### iDRAC.IPMI.SOL.AccumulateInterval (Read or Write)

<b>Description</b>	Specifies the typical amount of time that iDRAC waits before transmitting a partial SOL character data packet
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 255</li></ul>
<b>Default Value</b>	10
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.IPMI.SOL.BaudRate (Read or Write)

<b>Description</b>	Specifies the Baud rate for serial communication over LAN
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 9600-9600</li><li>· 19200-19200</li><li>· 57600-57600</li><li>· 115200-115200</li></ul>
<b>Default Value</b>	115200
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.IPMI.SOL.Enable (Read or Write)

<b>Description</b>	Enables or disables Serial Over LAN (SOL)
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMISOL.MinPrivilege (Read or Write)

**Description** Specifies the minimum privilege level required for serial access

**Legal Values**

- User-2
- Operator-3
- Administrator-4

<b>Default Value</b>	4
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.IPMISOL.SendThreshold (Read or Write)

**Description** Specifies the SOL threshold limit value and the maximum number of bytes to buffer before sending an SOL data packet

**Legal Values**

- Integral values from 1 to 255

<b>Default Value</b>	255
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRac.IPv4

This group contains the attributes that provides details about iDRAC IPv4 settings.

### iDRAC.IPv4.Address (Read or Write)

<b>Description</b>	The current IPv4 address assigned to the iDRAC
<b>Legal Values</b>	· String of up to 16 ASCII characters.
<b>Default Value</b>	192.168.0.120
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

### iDRAC.IPv4.DHCPEnable (Read or Write)

**Description** Specifies if DHCP is used to assign the iDRAC IPv4 address

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4.DNS1 (Read or Write)

<b>Description</b>	IPv4 address for DNS server 1
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 16 ASCII characters.</li> </ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4.DNS2 (Read or Write)

<b>Description</b>	IPv4 address for DNS Server 2
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 16 ASCII characters.</li> </ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4.DNSFromDHCP (Read or Write)

<b>Description</b>	Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4.Enable (Read or Write)

<b>Description</b>	Enables or Disables the iDRAC IPv4 stack
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4.Gateway (Read or Write)

<b>Description</b>	The gateway for the iDRAC IPv4 address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	192.168.0.1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4.Netmask (Read or Write)

<b>Description</b>	The subnet mask used for the iDRAC IPv4 address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	255.255.255.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPV4Static

This group contains the attributes that provides details about `iDRAC.IPV4Static`.

## iDRAC.IPv4Static.Address (Read or Write)

<b>Description</b>	iDRAC static IPv4 address (can be configured even when DHCP is enabled)
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	192.168.0.120
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4Static.DNS1 (Read or Write)

<b>Description</b>	Statically configurable DNS Server 1
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4Static.DNS2 (Read or Write)

<b>Description</b>	Statically configurable DNS Server 2
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4Static.DNSFromDHCP (Read or Write)

<b>Description</b>	Specifies if the DNS server IPv4 addresses should be assigned from the DHCP server on the network.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4Static.Gateway (Read or Write)

<b>Description</b>	iDRAC static IPv4 gateway (can be configured even when DHCP is enabled)
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	192.168.0.1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv4Static.Netmask (Read or Write)

<b>Description</b>	iDRAC static IPv4 subnet mask(can be configured even when DHCP is enabled)
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	255.255.255.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# iDRAC.IPV6

This group contains the attributes that provides details about iDRAC IPv6 settings

## iDRAC.IPv6.Address1 (Read or Write)

<b>Description</b>	iDRAC IPv6 Address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address10 (Read Only)

<b>Description</b>	iDRAC IPv6 tenth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address11 (Read Only)

<b>Description</b>	iDRAC IPv6 eleventh address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address12 (Read Only)

<b>Description</b>	iDRAC IPv6 twelfth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address13 (Read Only)

<b>Description</b>	iDRAC IPv6 thirteenth address
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address14 (Read Only)

<b>Description</b>	iDRAC IPv6 fourteenth address
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address15 (Read Only)

<b>Description</b>	iDRAC IPv6 fifteenth address
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address2 (Read Only)

<b>Description</b>	iDRAC IPv6 second address
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address3 (Read Only)

<b>Description</b>	iDRAC IPv6 third address
<b>Legal Values</b>	· String of up to 63 ASCII characters.

<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.IPv6.Address4 (Read Only)

<b>Description</b>	iDRAC IPv6 fourth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.IPv6.Address5 (Read Only)

<b>Description</b>	iDRAC IPv6 fifth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.IPv6.Address6 (Read Only)

<b>Description</b>	iDRAC IPv6 sixth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.IPv6.Address7 (Read Only)

<b>Description</b>	iDRAC IPv6 seventh address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None



## iDRAC.IPv6.Address8 (Read Only)

<b>Description</b>	iDRAC IPv6 eighth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.Address9 (Read Only)

<b>Description</b>	iDRAC IPv6 ninth address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.AddressState (Read Only)

<b>Description</b>	IPV6 Address State
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Active-0</li><li>· Disabled-1</li><li>· Pending-2</li><li>· Failed-3</li><li>· Deprecated-4</li><li>· Invalid-5</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6.AutoConfig (Read or Write)

<b>Description</b>	Enables or Disables the iDRAC IPv6 auto configuration option
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.DNS1 (Read or Write)

<b>Description</b>	IPv6 DNS Server 1 Address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.DNS2 (Read or Write)

<b>Description</b>	IPv6 DNS Server 2 Address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.DNSFromDHCP6 (Read or Write)

<b>Description</b>	Specifies if the DNS Server addresses are obtained from DHCP or not
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.DUID (Read Only)

<b>Description</b>	DHCP Unique Identifier
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6.Enable (Read or Write)

<b>Description</b>	Enables or Disables iDRAC IPv6 stack
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6.Gateway (Read or Write)

<b>Description</b>	iDRAC IPv6 Gateway
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 63 ASCII characters.</li> </ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.LinkLocalAddress (Read Only)

<b>Description</b>	iDRAC IPv6 Link Local Address
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 63 ASCII characters.</li> </ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6.PrefixLength (Read or Write)

<b>Description</b>	Prefix length for the iDRAC IPv6 Address
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Integral values from 1 to 128</li> </ul>
<b>Default Value</b>	64
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.IPv6Static

This group contains the attributes that provides details about iDRAC IPv6 Static.

### iDRAC.IPv6Static.Address1 (Read or Write)

<b>Description</b>	iDRAC static IPv6 address
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<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6Static.DNS1 (Read or Write)

<b>Description</b>	Statically configurable DNS Server 1
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6Static.DNS2 (Read or Write)

<b>Description</b>	Statically configurable DNS Server 1
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6Static.DNSFromDHCP6 (Read or Write)

<b>Description</b>	Specifies if the DNS server IPv6 addresses should be assigned from the DHCP server on the network.
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.IPv6Static.Gateway (Read or Write)

<b>Description</b>	iDRAC static IPv6 gateway
<b>Legal Values</b>	· String of up to 63 ASCII characters.
<b>Default Value</b>	::
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.IPv6Static.PrefixLength (Read or Write)

**Description** Prefix length for the iDRAC IPv6 Address

**Legal Values** . Integral values from 1 to 128

**Default Value** 64

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.IPv6URL

This group contains the attributes that provides details about iDRAC IPv6 URL.

### iDRAC.IPv6URL.URL (Read Only)

**Description** Provides the IPv6 URL for the iDRAC.

**Legal Values** . String of up to 80 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## iDRAC.LDAP

This group contains the attributes that provides details about iDRAC LDAP.

### iDRAC.LDAP.BaseDN (Read or Write)

**Description** The Domain Name of the branch of the directory where all searches should start from.

**Legal Values** . String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

### iDRAC.LDAP.BindDN (Read or Write)

**Description** The distinguished name of a user used to bind to the server when searching for the login user's DN.

**Legal Values** . String of up to 254 ASCII characters.

**Default Value** None

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.BindPassword (Read or Write)

<b>Description</b>	A bind password to use in conjunction with the bindDN.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.CertValidationEnable (Read or Write)

<b>Description</b>	Controls certificate validation during SSL handshake.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.Enable (Read or Write)

<b>Description</b>	Turns LDAP service on or off.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.GroupAttribute (Read or Write)

<b>Description</b>	Specifies which LDAP attribute is used to check for group membership.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.GroupAttributesDN (Read or Write)

<b>Description</b>	Specifies whether the user domain name should be used from the LDAP server or from what was provided by user at login
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.Port (Read or Write)

<b>Description</b>	Port of LDAP over SSL.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	636
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.SearchFilter (Read or Write)

<b>Description</b>	A valid LDAP search filter to be used if the user attribute cannot uniquely identify the login user within the chosen baseDN.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 1024 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.Server (Read or Write)

<b>Description</b>	Configures the address of the LDAP Server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 1024 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAP.UserAttribute (Read or Write)

<b>Description</b>	Specifies the user attribute to search for.
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<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LDAPRoleGroup

This group contains the attributes that provides details about iDRAC LDAP Role Grouping.

### iDRAC.LDAPRoleGroup.DN (Read or Write)

<b>Description</b>	This is the Domain Name of the group.
<b>Legal Values</b>	· String of up to 1024 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.LDAPRoleGroup.Privilege (Read or Write)

<b>Description</b>	A bit-mask defining the privileges associated with this particular group.
<b>Legal Values</b>	· Integral values from 0 to 511
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.LocalSecurity

This group contains the attributes that provides details about iDRAC local security.

### iDRAC.LocalSecurity.LocalConfig (Read or Write)

 **NOTE:** The `iDRAC.LocalSecurity.LocalConfigDisabled` attribute is deprecated and replaced with `iDRAC.LocalSecurity.LocalConfig` attribute.

<b>Description</b>	Enable local security
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic



**Dependency** None

## iDRAC.LocalSecurity.PrebootConfig (Read or Write)

**Description** Enables or disables the ability of the local user to configure iDRAC from the BIOS POST option-ROM.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Lockdown

This group contains the attributes that provides details about iDRAC lockdown.

### iDRAC.Lockdown.SystemLockdown (Read or Write)

**Description** Specifies if the System Lockdown is enabled or disabled

**i** **NOTE:** This attribute is the replacement of iDRAC.Lockdown.SystemLockdownMode attribute, which is deprecated from iDRAC version 3.15.15.15.

**i** **NOTE:** The following commands or configuration items are exceptions when the system is in lockdown mode.

- **Power operations ( System power on, power off, reset)**

```
racadm serveraction graceshutdown
```

```
racadm serveraction powerdown
```

```
racadm serveraction powerup
```

```
racadm serveraction powercycle
```

```
racadm serveraction hardreset
```

- **Setting power budget, power profiles**
- **Identify operations to blink an LED (racadm settled)**
- **Run diagnostics**
- **Coredump delete**

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

# iDRAC.Logging

This group contains the attributes that provides details about iDRAC logging.

## iDRAC.Logging.SELBufferType (Read or Write)

<b>Description</b>	Configurable attribute to modify the SEL behavior to make it linear instead of default circular.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>• Circular-0</li><li>• Linear-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Logging.SELOEMEventFilterEnable (Read or Write)

<b>Description</b>	Enable SEL OEM Event Filter
<b>Legal Values</b>	<ul style="list-style-type: none"><li>• Disabled-0</li><li>• Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# iDRAC.MgmtNetworkInterface

This group contains the attributes that provides details about iDRAC mgmt network interface.

## iDRAC.MgmtNetworkInterface.NicConfig (Read or Write)

<b>Description</b>	NIC Configuration
<b>Legal Values</b>	<ul style="list-style-type: none"><li>• Disabled-0</li><li>• CableDetect-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Requires LOM1 NIC selection.

# iDRAC.NICStatic

This group contains the attributes that provides details about iDRAC NIC Static.

- NOTE:** The following objects are not valid for the modular systems:
- Auto negotiation
  - Auto dedicated NIC

- Network speed
- Duplex
- Dedicated NIC scan time
- Shared NIC scan time

## iDRAC.NIC.AutoConfig (Read or Write)

<b>Description</b>	Enable Auto Configuration
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Disabled-0 <b>i</b> <b>NOTE: iDRAC does not perform DHCP configuration.</b></li> <li>• Enable Once-1 <b>i</b> <b>NOTE: iDRAC performs DHCP configuration once.</b></li> <li>• Enable Once After Reset-2 <b>i</b> <b>NOTE: Configures after iDRAC reset.</b></li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NIC.AutoConfigIPV6 (Read or Write)

<b>Description</b>	IPV6 Enable Auto Configuration
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Disabled-0</li> <li>• Enable Once-1</li> <li>• Enable Once After Reset-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.AutoDetect (Read or Write)

<b>Description</b>	Enable or disable auto detection feature of iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Disabled-0</li> <li>• Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NIC.Autoneg (Read or Write)

<b>Description</b>	Enables autonegotiation of physical link speed and duplex
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<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.DedicatedNICScanTime (Read or Write)

<b>Description</b>	Wait time for the iDRAC to switch from dedicated mode to shared mode.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 5 to 255</li></ul>
<b>Default Value</b>	5
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NIC.DiscoveryLLDP (Read or Write)

<b>Description</b>	Enables LLDP over active NIC Interface.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Dedicated-1</li><li>· SharedLOM-2</li><li>· Enabled-3</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.DNSDomainFromDHCP (Read or Write)

<b>Description</b>	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NIC.DNSDomainName (Read or Write)

<b>Description</b>	The DNS Domain Name
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>

<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.NIC.DNSDomainNameFromDHCP (Read or Write)

<b>Description</b>	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.NIC.DNSRacName (Read or Write)

<b>Description</b>	The iDRAC name, which is iDRAC-<SVCTAG> by default
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	idrac-SVCTAG
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.NIC.DNSRegister (Read or Write)

<b>Description</b>	Registers the iDRAC name with the DNS server.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.NIC.DNSRegisterInterval (Read or Write)

<b>Description</b>	Set DNS Interval as required
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 7776000</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.NIC.Duplex (Read or Write)

**Description** Specifies the duplex setting for the iDRAC NIC

**Legal Values**

- Half-0
- Full-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.NIC.Enable (Read or Write)

**Description** Enables or Disables the iDRAC network interface controller.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.NIC.Failover (Read or Write)

**Description** Specifies the NIC Failover LOM.

**Legal Values**

- None-0
- LOM1-1
- LOM2-2
- LOM3-3
- LOM4-4
- All-5

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.NIC.MACAddress (Read Only)

**Description** The MAC Address of the iDRAC

**Legal Values**

- String of up to 17 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.NIC.MTU (Read or Write)

**Description** The size in bytes of the maximum transmission unit used by the iDRAC NIC

**Legal Values** . Integral values from 576 to 1500

**Default Value** 1500

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.NIC.Selection (Read or Write)

**Description** Specifies the current mode of operation for the iDRAC network interface controller

**Legal Values** . Dedicated-1  
. LOM1-2  
. LOM2-3  
. LOM3-4  
. LOM4-5

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

 **NOTE:** On platforms with single LOM port, the legal values are applicable.

 **NOTE:** For Dell EMC PowerEdge C6320, NIC selection will be applied on next host reboot.

## iDRAC.NIC.SharedNICScanTime (Read or Write)

**Description** Wait time for the iDRAC to switch from shared mode to dedicated mode.

**Legal Values** . Integral values from 5 to 255

**Default Value** 30


**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## iDRAC.NIC.Speed (Read or Write)

**Description** Specifies the speed for the iDRAC NIC

-  **NOTE:** To set this property:
- `iDRAC.NIC.Selection` must be set to **Dedicated mode**
  - `iDRAC.NIC.Autoneg` must be **disabled**

- **iDRAC.IPv4.Enable, iDRAC.IPv4.DHCPEnable, iDRAC.IPv6.Enable, and iDRAC.IPv6.AutoConfig must be enabled**

**Legal Values**

- 10-0
- 100-1
- 1000-2
- 2500-3
- 10000-4
- 20000-5
- 25000-6
- 40000-7
- 50000-8
- 100000-9

**NOTE:** You cannot manually set the Network Speed to 1000 MB. This option is available only if **iDRAC.NIC.Autoneg** is set to 1 (Enabled).

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.SwitchConnection (Read Only)

<b>Description</b>	Specifies the Chassis ID extracted from LLDP packet
<b>Legal Values</b>	• String of up to 512 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.SwitchPortConnection (Read Only)

<b>Description</b>	Specifies the Port ID extracted from LLDP packet.
<b>Legal Values</b>	• String of up to 512 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.TopologyLldp (Read or Write)

<b>Description</b>	Enable/Disable LLDP topology information
<b>Legal Values</b>	• Disabled-0 • Enabled-1
<b>Default Value</b>	0



<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.VLanEnable (Read or Write)

<b>Description</b>	Enables or Disables the VLAN capabilities of the iDRAC <b>i</b> <b>NOTE: This object is applicable only to iDRAC on Racks and Towers.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.VLanID (Read or Write)

<b>Description</b>	Specifies the VLAN ID for the network VLAN configuration <b>i</b> <b>NOTE: This object is applicable only to iDRAC on Racks and Towers.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 1 to 4094</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.VLanPort (Read or Write)

<b>Description</b>	VLAN Port
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Both-0</li> <li>Dedicated port only-1</li> <li>LOM ports only-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC.VLanPriority (Read or Write)

<b>Description</b>	Specifies the VLAN priority for the network VLAN configuration <b>i</b> <b>NOTE: This object is applicable only to iDRAC on Racks and Towers.</b>
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<b>Legal Values</b>	· Integral values from 0 to 7
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NIC

This group contains the attributes that provides details about iDRAC NIC.

### iDRAC.NICStatic.DNSDomainFromDHCP (Read or Write)

<b>Description</b>	Specifies that the iDRAC DNS Domain Name should be assigned from the network DHCP server.
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.NICStatic.DNSDomainName (Read or Write)

<b>Description</b>	The DNS Domain Name
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.NTPConfigGroup

This group contains the attributes that provides details about iDRAC NTP Config group.

### iDRAC.NTPConfigGroup.NTP1 (Read or Write)

<b>Description</b>	Name of NTP Server 1
<b>Legal Values</b>	· String of up to 255 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NTPConfigGroup.NTP2 (Read or Write)

<b>Description</b>	Name of NTP Server 2
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 255 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NTPConfigGroup.NTP3 (Read or Write)

<b>Description</b>	Name of NTP Server 3
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 255 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NTPConfigGroup.NTPEnable (Read or Write)

<b>Description</b>	Enable Network Time Protocol
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.NTPConfigGroup.NTPMaxDist (Read or Write)

<b>Description</b>	NTP Maximum Distance
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 1 to 128</li></ul>
<b>Default Value</b>	16
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.OS-BMC

This group contains the attributes that provides details about iDRAC OS BMC.

 **NOTE:** In Autocomplete mode, the group OS-BMC is autocompleted as OS\_BMC.

 **NOTE:** The iDRAC.IMC group is deprecated and replaced with iDRAC.OS-BMC group.

## iDRAC.OS-BMC.AdminState (Read or Write)

<b>Description</b>	Manages the administrative state of the IMC.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None


## iDRAC.OS-BMC.OsIpAddress (Read or Write)

<b>Description</b>	OS-BMC Passthrough Host IP Address. Enter a valid IPv4 address.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 16 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.OS-BMC.PTCapability (Read Only)

<b>Description</b>	OS-BMC Pass Through Capability
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Capable-0</li><li>· Capable-1</li><li>· Unavailable-2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.OS-BMC.PTMode (Read or Write)

<b>Description</b>	Specify the OS-BMC Passthrough Mode  <b>NOTE:</b> To enable the pass-through, make sure that iDRAC.OS-BMC.AdminState is enabled.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· lom-p2p-0</li><li>· usb-p2p-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** OS-BMC.PTCompatibility must be set to Capable.

## iDRAC.OS-BMC.UsbNicIpAddress (Read or Write)

**Description** Specifies the USB NIC IP Address. Enter a valid IPv4 address.

**Legal Values**

- String of up to 16 ASCII characters.

**Default Value** 169.254.1.1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.OS-BMC.UsbNicIpV6Address (Read Only)

**Description** USB NIC IPv6 Address

**Legal Values**

- String of up to 63 ASCII characters.

**Default Value** ::

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Platformcapability

This group contains the attributes that provides details about iDRAC Platform capability.

## iDRAC.PlatformCapability.CUPSCapable (Read Only)

**Description** Indicates hardware is CUPS capable

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.PlatformCapability.FrontPanelCapable (Read Only)

**Description** Indicates hardware is front panel capable

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.PlatformCapability.FrontPanelUSBCapable (Read Only)

**Description** Indicates hardware is Front Panel USB capable

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.PlatformCapability.LCDCapable (Read Only)

**Description** Indicates platform is LCD capable

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.PlatformCapability.MaxPCleSlots (Read or Write)

**Description** Provides the maximum number of PCIe slots supported by a platform

**Legal Values**

- Integral values from 0 to 65535

**Default Value** 8

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.RACADM

This group contains the attributes that provides details about iDRAC RACADM.

## iDRAC.Racadm.Enable (Read or Write)

**Description** Enables or disables the Remote Racadm interface.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Racadm.MaxSessions (Read Only)

<b>Description</b>	Specifies the maximum number of active Remote Racadm sessions allowed.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 8</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Racadm.Timeout (Read or Write)

<b>Description</b>	Defines the idle timeout in seconds of the Remote Racadm interface.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 10 to 1920</li></ul>
<b>Default Value</b>	60
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Redfish

This group contains the attributes that provides details about iDRAC Redfish.

### iDRAC.Redfish.Enable (Read or Write)

<b>Description</b>	Redfish Enable
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.RedfishEventing

This group contains the attributes that provides details about iDRAC Redfish Eventing.

## iDRAC.RedfishEventing.DeliveryRetryAttempts (Read or Write)

<b>Description</b>	This is the number of attempts an event posting is retried before the subscription is terminated.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 5</li></ul>
<b>Default Value</b>	3
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.RedfishEventing.DeliveryRetryIntervallInSeconds (Read or Write)

<b>Description</b>	This represents the number of seconds between retry attempts for sending any given Event.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 5 to 60</li></ul>
<b>Default Value</b>	5
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.RedfishEventing.IgnoreCertificateErrors (Read or Write)

<b>Description</b>	To ignore any SSL certificate warnings that may arise during SSL handshake with Event Listener.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.RemoteHosts

This group contains the attributes that provides details about iDRAC remote hosts.

## iDRAC.RemoteHosts.SMTPAuthentication (Read or Write)

<b>Description</b>	Enable SMTP Authentication
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0



<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RemoteHosts.SMTPPassword (Read or Write)

<b>Description</b>	SMTP Password
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 50 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RemoteHosts.SMTPPort (Read or Write)

<b>Description</b>	Specifies the SMTP Port
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	25
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RemoteHosts.SMTPServerIPAddress (Read or Write)

<b>Description</b>	Address of the network SMTP server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RemoteHosts.SMTPUserName (Read or Write)

<b>Description</b>	SMTP User Name
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 50 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

# iDRAC.RFS

This group contains the attributes that provides details about iDRAC RFS

 **NOTE:** To perform the complete workflow for RFS and set attributes, refer to *remoteimage*.

## iDRAC.RFS.AttachMode (Read or Write)

<b>Description</b>	RFS Media attach mode
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Auto Attach-0</li><li>· Attach-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RFS.Enable (Read or Write)

<b>Description</b>	RFS Enable State
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RFS.IgnoreCertWarning (Read or Write)

<b>Description</b>	Ignore certificate warning message
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RFS.Image (Read or Write)

<b>Description</b>	RFS Image path
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 511 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Enterprise

**Dependency** None

## iDRAC.RFS.MediaAttachState (Read Only)

**Description** RFS Media attach state

**Legal Values**

- Detached-0
- Attached-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.RFS.Password (Read or Write)

**Description** Specifies the remote file share password.

**Legal Values**

- String of up to 255 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.RFS.Status (Read or Write)

**Description** RFS connection status

**Legal Values**

- Done-0
- Pending-1
- Error-2

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.RFS.User (Read or Write)

**Description** Specifies the remote file share user.

**Legal Values**

- String of up to 255 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.RFS.WriteProtected (Read Only)

<b>Description</b>	RFS Write Protection
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Read Only-0</li><li>· Read Write-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.RSM

This group contains the attributes that provides details about iDRAC RSM.

### iDRAC.RSM.ChassisPSUInfoCapability (Read Only)

<b>Description</b>	Indicates if Chassis PSUs Attributes to be displayed in iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· PE-0</li><li>· DCS-1</li><li>· EC-2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.RSM.RSMCapability (Read Only)

<b>Description</b>	Indicates if system is Server Based Management Capable or not
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.RSM.RSMSetting (Read Only)

<b>Description</b>	Indicates the current Server Based Management setting.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· Monitor-1</li><li>· Manage and Monitor-2</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Server Configuration

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Security

This group contains the attributes that provides details about iDRAC security.

### iDRAC.Security.CsrCommonName (Read or Write)

**Description** Specifies the CSR Common Name (CN) being certified (usually the web server's Fully Qualified Domain Name (FQDN)).

**Legal Values** . String of up to 64 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### iDRAC.Security.CsrCountryCode (Read or Write)

**Description** Specifies the CSR Country Code (CC).

**Legal Values** . String of up to 2 ASCII characters.

**Default Value** US

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### iDRAC.Security.CsrEmailAddr (Read or Write)

**Description** Specifies the CSR email address.

**Legal Values** . String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### iDRAC.Security.CsrKeySize (Read or Write)

**Description** Specifies the SSL asymmetric key size for the CSRs.

**Legal Values** . 2048-2048  
. 4096-4096

**Default Value** 2048

**Write Privilege** Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Security.CsrLocalityName (Read or Write)

<b>Description</b>	Specifies the CSR Locality (L).
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Security.CsrOrganizationName (Read or Write)

<b>Description</b>	Specifies the CSR Organization Name (O)
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Security.CsrOrganizationUnit (Read or Write)

<b>Description</b>	Specifies the CSR Organization Unit (OU)
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Security.CsrStateName (Read or Write)

<b>Description</b>	Specifies the CSR State Name (S).
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Security.CsrSubjectAltName (Read or Write)

<b>Description</b>	Specifies the CSR Subject Alternative Name
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 1024 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Security.FIPSMODE (Read or Write)

<b>Description</b>	Enables or Disables the FIPS mode compliance. Enabling FIPS mode resets iDRAC configuration to factory defaults.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

**NOTE:** Setting FIPSMODE to 0 - Disabled, will not have any effect.

**NOTE:** To disable FIPSMODE, reset the iDRAC to factory default setting (racadm racresetcfg).

**NOTE:** If FIPS is enabled, you cannot perform any actions associated with the vFlash SD card, such as configuring the vFlash SD card, exporting or backing up server profile to the vFlash, or importing server profile using vFlash.

## iDRAC.SecurityCertificate

This group contains the attributes that provides details about iDRAC security certificate.

## iDRAC.SecurityCertificate.CertificateType (Read Only)

<b>Description</b>	Specifies the type of certificate.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>SEKM_SSL_CERT-6</li><li>KMS_SERVER_CA-7</li><li>RSYSLOG_SERVER_CA-8</li><li>BIOS_HTTPS_BOOT_CERT-9</li></ul>
<b>Default Value</b>	6
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.CertValidFrom (Read Only)

<b>Description</b>	Specifies the earliest time and date on which the certificate is valid.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.CertValidTo (Read Only)

<b>Description</b>	Specifies the time and date past which the certificate is no longer valid.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.IssuerCommonName (Read Only)

<b>Description</b>	Specifies the common name of the entity that verified the information and signed the certificate.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.IssuerCountryCode (Read Only)

<b>Description</b>	Specifies the country code of the entity that verified the information and signed the certificate.
<b>Legal Values</b>	· String of up to 2 ASCII characters.
<b>Default Value</b>	US
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None



## iDRAC.SecurityCertificate.IssuerLocality (Read Only)

<b>Description</b>	Specifies the locality of the entity that verified the information and signed the certificate.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.IssuerOrganization (Read Only)

<b>Description</b>	Specifies the organization of the entity that verified the information and signed the certificate.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.IssuerOrganizationalUnit (Read Only)

<b>Description</b>	Specifies the organizational unit of the entity that verified the information and signed the certificate.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.IssuerState (Read Only)

<b>Description</b>	Specifies the state name of the entity that verified the information and signed the certificate.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SerialNumber (Read Only)

<b>Description</b>	Specifies a unique number to identify the certificate.
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<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SubjectCommonName (Read Only)

<b>Description</b>	Specifies the common name of the entity a certificate belongs to.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SubjectCountryCode (Read Only)

<b>Description</b>	Specifies the country code of the entity a certificate belongs to.
<b>Legal Values</b>	· String of up to 2 ASCII characters.
<b>Default Value</b>	US
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SubjectLocality (Read Only)

<b>Description</b>	Specifies the locality of the entity a certificate belongs to.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SubjectOrganization (Read Only)

<b>Description</b>	Specifies the organization of the entity a certificate belongs to.
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<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SubjectOrganizationalUnit (Read Only)

<b>Description</b>	Specifies the organizational unit of the entity a certificate belongs to.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SecurityCertificate.SubjectState (Read Only)

<b>Description</b>	Specifies the state of the entity a certificate belongs to.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Serial

This group contains the attributes that provides details about iDRAC Serial.

 **NOTE:** This is supported only for rack and tower systems.

## iDRAC.Serial.BaudRate (Read or Write)

<b>Description</b>	Sets the Baud rate on the iDRAC serial port
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· 9600-9600</li> <li>· 19200-19200</li> <li>· 57600-57600</li> <li>· 115200-115200</li> </ul>
<b>Default Value</b>	57600
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Serial.Command (Read or Write)

<b>Description</b>	Specifies a serial command that is executed after the user logs into the serial console interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Serial.Enable (Read or Write)

<b>Description</b>	Enables or Disables the iDRAC serial console interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Serial.HistorySize (Read or Write)

<b>Description</b>	Specifies the maximum size of the serial history buffer
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 8192</li></ul>
<b>Default Value</b>	8192
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Serial.IdleTimeout (Read or Write)

<b>Description</b>	The maximum number of seconds to wait before an idle serial console session is disconnected. The special value 0 disables the timeout.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 60 to 1920</li></ul>
<b>Default Value</b>	300
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Serial.NoAuth (Read or Write)

<b>Description</b>	Enables or Disables iDRAC serial console login authentication
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SerialRedirection


This group contains the attributes that provides details about iDRAC Serial Redirection.

 **NOTE:** This is supported only for rack and tower systems.

## iDRAC.SerialRedirection.Enable (Read or Write)

<b>Description</b>	Enables or Disables the console for COM2 port redirection
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SerialRedirection.QuitKey (Read or Write)

<b>Description</b>	This key or key combination terminates the Virtual Console when using the console COM2 command. The valid quitkey should start with ^ and has to end with any of the following characters: 'a-zA-Z[ ]^_ ' (i.e. letter or one of 5 special characters).
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 2 ASCII characters.</li> </ul> <p> <b>NOTE:</b> For local or remote RACADM, use "^\\\\"</p>
<b>Default Value</b>	^
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.ServerBoot

This group contains the attributes that provides details about iDRAC server boot.

## iDRAC.ServerBoot.BootOnce (Read or Write)

<b>Description</b>	Enable Boot Once
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.ServerBoot.FirstBootDevice (Read or Write)

<b>Description</b>	Specify the First Boot Device.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>String of up to 64 ASCII characters.</li> </ul>
<b>Default Value</b>	Normal
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## iDRAC.ServiceModule

This group contains the attributes that provides details about iDRAC Service module.

### iDRAC.ServiceModule.HostSNMPAlert (Read or Write)

<b>Description</b>	Host SNMP Alert
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

### iDRAC.ServiceModule.HostSNMPGet (Read or Write)

<b>Description</b>	Host SNMP Get
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

### iDRAC.ServiceModule.iDRACHardReset (Read or Write)

<b>Description</b>	ServiceModule Attribute for iDRAC reset
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> </ul>

	<ul style="list-style-type: none"> <li>Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	iDRAC.ServiceModule.ServiceModuleEnable should be Enabled

## iDRAC.ServiceModule.iDRACSSOLauncher (Read or Write)

<b>Description</b>	iDRAC SSO login via Host OS
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.ServiceModule.LCLReplication (Read or Write)

<b>Description</b>	Enable Lifecycle Log Replication
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	With OMSA presence automatically set to 'Disabled'.

## iDRAC.ServiceModule.OMSAPresence (Read Only)

<b>Description</b>	Indicates if OMSA is present on the host or not.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Not Present-0</li> <li>Present-1</li> <li>NA-2</li> </ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.ServiceModule.OSInfo (Read or Write)

<b>Description</b>	Enable Sharing OS Information via service module
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Provide OS information via iDRAC Service Module

## iDRAC.ServiceModule.ServiceModuleEnable (Read or Write)

<b>Description</b>	Enable Service Module
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.ServiceModule.ServiceModuleState (Read Only)

<b>Description</b>	Specifies the state of the service module on the system
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Not Running-0</li> <li>· Running-1</li> <li>· Not running (TLS error)-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.ServiceModule.ServiceModuleVersion (Read Only)

<b>Description</b>	Provides the installed version of iDRAC Service Module (iSM).
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 256 ASCII characters.</li> </ul>
<b>Default Value</b>	NA
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None



## iDRAC.ServiceModule.WatchdogRecoveryAction (Read or Write)

<b>Description</b>	Specifies the recovery action on watchdog alert
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· Reboot-1</li><li>· Poweroff-2</li><li>· Powercycle-3</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	The value cannot be set if WatchdogState is 'Disabled'.

## iDRAC.ServiceModule.WatchdogResetTime (Read or Write)

<b>Description</b>	Specifies the System reset time on watchdog alert
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 60 to 720</li></ul>
<b>Default Value</b>	480
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	The value cannot be set if WatchdogState is 'Disabled'.

## iDRAC.ServiceModule.WatchdogState (Read or Write)

<b>Description</b>	Enable watchdog timer via service module
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	The value will be disabled if OMSA is detected or OS Watchdog is enabled.

## iDRAC.ServiceModule.WMIInfo (Read or Write)

<b>Description</b>	Populate WMI information via ServiceModule
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.Smartcard

This group contains the attributes that provides details about iDRAC Smartcard.

### iDRAC.SmartCard.SmartCardCRLEnable (Read or Write)

**Description** Enables or disables the Certificate Revocation List (CRL).

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

### iDRAC.SmartCard.SmartCardLogonEnable (Read or Write)

**Description** Enables, disables, or enables with Remote RACADM support for access to iDRAC using a smart card

**Legal Values**

- Disabled-0
- Enabled-1
- Enabled With Racadm-2

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Enterprise

**Dependency** None

## iDRAC.SNMP

This group contains the attributes that provides details about iDRAC SNMP.

### iDRAC.SNMP.AgentCommunity (Read or Write)

**Description** Specifies the SNMP community name to be used for SNMP Agents

**Legal Values**

- String of up to 31 ASCII characters.

**Default Value** public

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

### iDRAC.SNMP.AgentEnable (Read or Write)

**Description** Enables or Disables the SNMP Agent on the iDRAC

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMP.AlertPort (Read or Write)

<b>Description</b>	Specifies the SNMP Alert Port
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 1 to 65535</li> </ul>
<b>Default Value</b>	162
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMP.DiscoveryPort (Read or Write)

<b>Description</b>	Specifies the SNMP Discovery Port
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 1 to 65535</li> </ul>
<b>Default Value</b>	161
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	The port number to be set can not be the same as any other service's port number.

## iDRAC.SNMP.EngineID (Read Only)

<b>Description</b>	Specifies SNMP V3 Engine ID to be used to receive the SNMP v3 Trap
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>String of up to 60 ASCII characters.</li> </ul>
<b>Default Value</b>	0x800002A204010203040506070809
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMP.SNMPProtocol (Read or Write)

<b>Description</b>	SNMP Protocol
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>All-0</li> <li>SNMPv3-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMP.TrapFormat (Read or Write)

<b>Description</b>	SNMP Trap Format
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· SNMPv1-0</li> <li>· SNMPv2-1</li> <li>· SNMPv3-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMP.Alert

 **NOTE:** The iDRAC.SNMP.Alert group is deprecated and replaced with iDRAC.SNMPAlert group.

This group contains the attributes that provides details about iDRAC SNMP Alert.

## iDRAC.SNMPAlert.Destination (Read or Write)

<b>Description</b>	Specifies the IPv4, IPv6, FQDN address, or hostname of the target destination to receive alerts. Must be valid IPv4, IPv6, FQDN address, or hostname.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 254 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMPAlert.SNMPv3UserID (Read Only)

<b>Description</b>	Indicates the index of the iDRAC user that this SNMP alert destination has been configured to use when sending SNMP v3 traps.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Integral values from 0 to 16</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMPAlert.SNMPv3Username (Read or Write)

<b>Description</b>	Specifies the name of the iDRAC user that this SNMP alert destination is configured to use when sending SNMP v3 traps.
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<b>Legal Values</b>	· String of up to 16 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Value to be set must be an existing iDRAC user name, and that iDRAC user must be enabled with SNMPv3 support also enabled for that user.

## iDRAC.SNMPAlert.State (Read or Write)

<b>Description</b>	Enable SNMP Alert State
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SNMPTRAPIPv4

This group contains the attributes that provides details about iDRAC SNMP TRAP IPv4.

### iDRAC.SNMPTrapIPv4.DestinationNum (Read Only)

<b>Description</b>	idrac.embedded.1#
<b>Legal Values</b>	· Integral values from 1 to 4
<b>Default Value</b>	1
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.SNMPTrapIPv4.DestIPv4Addr (Read or Write)

<b>Description</b>	See SNMPAlert.1-4.Destination
<b>Legal Values</b>	· String of up to 15 ASCII characters.
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.SNMPTrapIPv4.State (Read or Write)

<b>Description</b>	See SNMPAlert.1-4.Enable
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SNMPTRAPIPv6

This group contains the attributes that provides details about iDRAC SNMP TRAP IPv6.

### iDRAC.SNMPTrapIPv6.DestinationNum (Read Only)

<b>Description</b>	Identifier number for the trap destination.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Integral values from 1 to 4</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.SNMPTrapIPv6.DestIPv6Addr (Read or Write)

<b>Description</b>	See SNMPAlert.5-8.Destination
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 39 ASCII characters.</li> </ul>
<b>Default Value</b>	::
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.SNMPTrapIPv6.State (Read or Write)

<b>Description</b>	See SNMPAlert.5-8.Enable
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SSH

This group contains the attributes that provides details about iDRAC SSH.

## iDRAC.SSH.Enable (Read or Write)

<b>Description</b>	Enables or Disables SSH
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SSH.MaxSessions (Read Only)

<b>Description</b>	Maximum number of SSH sessions allowed
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 4</li></ul>
<b>Default Value</b>	4
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SSH.Port (Read or Write)

<b>Description</b>	Specifies the port number for the iDRAC SSH interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	22
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	The port number to be set can not be the same as any other service's port number.

## iDRAC.SSH.Timeout (Read or Write)

<b>Description</b>	Defines the secure shell idle timeout. The special value 0 disables the timeout.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 60 to 10800</li></ul>
<b>Default Value</b>	1800
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SupportAssist

This group contains the attributes that provides details about iDRAC SupportAssist.

## iDRAC.SupportAssist.DefaultIPAddress (Read or Write)

<b>Description</b>	Default IP address for saving SupportAssist collections to network share.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 256 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.DefaultPassword (Read or Write)

<b>Description</b>	Default password for saving SupportAssist collections to network share.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.DefaultProtocol (Read or Write)

<b>Description</b>	Default protocol (NFS/CIFS Only) for saving SupportAssist collections.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· NFS-1</li><li>· CIFS-2</li><li>· HTTP-3</li><li>· HTTPS-4</li><li>· TFTP-5</li><li>· FTP-6</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.DefaultProtocolPort (Read or Write)

<b>Description</b>	Default Protocol Port value
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 65535</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None



## iDRAC.SupportAssist.DefaultShareName (Read or Write)

<b>Description</b>	Default share name for saving SupportAssist collections to network share.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 256 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.DefaultUserName (Read or Write)

<b>Description</b>	Default user name for saving SupportAssist collections to network share.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 320 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.DefaultWorkgroupName (Read or Write)

<b>Description</b>	Default workgroup name for saving SupportAssist collections to network share.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.EmailOptIn (Read or Write)

<b>Description</b>	Option to receive E-mails from Dell on case creation and collection upload.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Registration ID needs to be obtained before Email option configuration

## iDRAC.SupportAssist.EventBasedAutoCollection (Read or Write)

<b>Description</b>	Indicates whether SupportAssist event based auto collection features is enabled on this system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Can be enabled only when SupportAssistEnableState is configured to 1-Enabled

## iDRAC.SupportAssist.FilterAutoCollections (Read or Write)

<b>Description</b>	Indicates whether auto collections need to be filtered for identification information.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.HostOSProxyAddress (Read or Write)

<b>Description</b>	Host OS proxy address
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 256 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	HostOSProxyConfigured should be Yes-1

## iDRAC.SupportAssist.HostOSProxyConfigured (Read or Write)

<b>Description</b>	Indicates whether Host OS uses proxy configuration to connect to Internet.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.HostOSProxyPassword (Read or Write)

<b>Description</b>	Host OS proxy password
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	HostOSProxyConfigured should be Yes-1

## iDRAC.SupportAssist.HostOSProxyPort (Read or Write)

<b>Description</b>	Host OS proxy port
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	HostOSProxyConfigured should be Yes-1

## iDRAC.SupportAssist.HostOSProxyUserName (Read or Write)

<b>Description</b>	Host OS proxy username
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	HostOSProxyConfigured should be Yes-1

## iDRAC.SupportAssist.iDRACFirstPowerUpdateTime (Read Only)

<b>Description</b>	iDRAC's First Power Up Date / Time
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## iDRAC.SupportAssist.NativeOSLogsCollectionSupported (Read Only)

**Description** Indicates whether Host OS supports native OS logs collection.

**Legal Values**

- None-0
- FullReport-1
- FilteredReport-2
- Both-3

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.SupportAssist.PreferredLanguage (Read or Write)

**Description** Preferred Language for E-mail communication from Dell

**Legal Values**

- English-0
- German-1
- French-2
- Japanese-3
- Spanish-4
- Simplified Chinese-5

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** Registration ID needs to be obtained before changing language settings.

## iDRAC.SupportAssist.ProSupportPlusRecommendationsReport (Read or Write)

**Description** Indicates whether this server will be included for recommendations in ProSupport Plus Recommendations Report

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** ScheduleBasedAutoCollection is Enabled and set to Weekly or Monthly Schedule

## iDRAC.SupportAssist.RegistrationID (Read Only)

**Description** Specifies the SupportAssist Registration ID if the system was registered with Dell.

<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.RequestTechnicianForPartsDispatch (Read or Write)

<b>Description</b>	Indicates whether onsite technician is required to replace the part that is being dispatched for the alert that is being monitored.
<b>Legal Values</b>	· No-0 · Yes-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SupportAssist.SupportAssistEnableState (Read or Write)

<b>Description</b>	Indicates whether SupportAssist auto collection features are enabled on this system.
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Registration ID needs to be obtained before SupportAssistEnabledState can be toggled.

## iDRAC.SwitchConnectionView

This group contains the attributes that provides details about iDRAC Switch connection view.

### iDRAC.SwitchConnectionView.Enable (Read or Write)

<b>Description</b>	This Attribute is for Enabling/Disabling the Switch Connection View.
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# iDRAC.SysInfo

This group contains the attributes that provides details about iDRAC Sysinfo.

## iDRAC.SysInfo.LocalConsoleLockOut (Read or Write)

<b>Description</b>	Specifies the local console lockout state.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 65535</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.SysInfo.SystemRev (Read or Write)

<b>Description</b>	Provides the system revision.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 65535</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# iDRAC.Syslog

This group contains the attributes that provides details about iDRAC Syslog.

## iDRAC.SysLog.PowerLogEnable (Read or Write)

<b>Description</b>	Enable Power Logs
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SysLog.PowerLogInterval (Read or Write)

<b>Description</b>	Set Power Log Interval
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 1440</li></ul>
<b>Default Value</b>	5
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SysLog.Server1 (Read or Write)

<b>Description</b>	Name of remote syslog server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SysLog.Server2 (Read or Write)

<b>Description</b>	Name of remote syslog server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SysLog.Server3 (Read or Write)

<b>Description</b>	Name of remote syslog server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 63 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.SysLog.SysLogEnable (Read or Write)

<b>Description</b>	Enables or disables remote syslog
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

# iDRAC.Telnet

This group contains the attributes that provides details about iDRAC telnet.

## iDRAC.Telnet.Enable (Read or Write)

<b>Description</b>	Enables or Disables Telnet
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Telnet.MaxSessions (Read Only)

<b>Description</b>	Maximum numbers of telnet sessions allowed
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Telnet.Port (Read or Write)

<b>Description</b>	Specifies the port number for the iDRAC Telnet interface
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	23
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	The port number to be set can not be the same as any other service's port number.

## iDRAC.Telnet.Timeout (Read or Write)

<b>Description</b>	Defines the Telnet idle timeout. The special value 0 disables the timeout.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 60 to 10800</li></ul>
<b>Default Value</b>	1800
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None




# iDRAC.Time

This group contains the attributes that provides details about iDRAC time.

## iDRAC.Time.DayLightOffset (Read or Write)

<b>Description</b>	Specifies the daylight savings offset (in minutes) to use for the iDRAC Time.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 60</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Time.Timezone (Read or Write)

<b>Description</b>	Time Zone String
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 32 ASCII characters.</li></ul> <p> <b>NOTE: Time zone value is case sensitive.</b></p>
<b>Default Value</b>	CST6CDT
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Time.TimeZoneOffset (Read or Write)

<b>Description</b>	Specifies the time zone offset (in minutes) from Greenwich Mean Time (GMT)/Coordinated Universal Time (UTC) to use for the iDRAC Time
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from -43200 to 46800</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# iDRAC.Update

This group contains the attributes that provides details about iDRAC update.

 **NOTE: fwUpdateIPAddr attribute is applicable for Monolithic & FX2/FX2s only.**

## iDRAC.Update.EnableSharedCompUpdate (Read or Write)

<b>Description</b>	Enables or disables shared component update.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	RSM Capability should be enabled

## iDRAC.Update.FwUpdateIPAddr (Read or Write)

<b>Description</b>	Specifies the TFTP server address to be used for iDRAC firmware update operations
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 254 ASCII characters.</li> </ul>
<b>Default Value</b>	0.0.0.0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Update.FwUpdatePath (Read or Write)

<b>Description</b>	Specifies TFTP path where iDRAC firmware image resides on TFTP server
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 255 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Update.FwUpdateTFTPEnable (Read or Write)

<b>Description</b>	Enables or Disables iDRAC firmware updates from a TFTP server
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.USB

This group contains the attributes that provides details about iDRAC USB.

## iDRAC.USB.ConfigurationXML (Read or Write)

<b>Description</b>	Specifies whether configuration can be performed using USB management port.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled while server has default credential settings only-1</li> <li>· Enabled-2</li> <li>· Enabled only for compressed configuration files-3</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.USB.ManagementPortMode (Read Only)

**Description** Provides how USB Management Port is used.

 **NOTE: The behaviour and legal values of this attribute differs over generations of servers.**

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· iDRAC Direct Only-0</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.USB.PortStatus (Read or Write)

**Description** Enables or disables the iDRAC front USB port.

**Legal Values**

- Disabled-0
- Enabled-1

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.USB.ZipPassword (Read or Write)

**Description** Specifies password that is used to unlock zip file containing Server Configuration Profile on USB drive.

**Legal Values**

- String of up to 128 ASCII characters.

<b>Default Value</b>	None
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.Userdomain

This group contains the attributes that provides details about iDRAC userdomain.

## iDRAC.UserDomain.Name (Read or Write)

<b>Description</b>	Specifies the Active Directory user domain name. Must be fully qualified domain name or IP address of the domain controller.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 254 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.Users

This group contains the attributes that provides details about iDRAC users.

## iDRAC.Users.AuthenticationProtocol (Read or Write)

<b>Description</b>	The Authentication Protocol for SNMP v3
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· MD5-1</li><li>· SHA-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Need valid username and password to set the attribute. The value could not be set to none if privacy protocol is not none.

## iDRAC.Users.Enable (Read or Write)

<b>Description</b>	Enables or Disables an individual user
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Both UserName and Password must be configured prior to enabling user

## iDRAC.Users.IPMIKey (Read or Write)

<b>Description</b>	IPMI key is used for IPMI authentication
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic

**Dependency** Need valid username to set the attribute.

## iDRAC.Users.IpmiLanPrivilege (Read or Write)

**Description** Specifies the maximum privilege on the IPMI LAN channel

**Legal Values**

- User-2
- Operator-3
- Administrator-4
- No Access-15

**Default Value** 15

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** Both UserName and Password must be configured prior to sets

## iDRAC.Users.IpmiSerialPrivilege (Read or Write)

**Description** Specifies the maximum IPMI Serial privilege

**Legal Values**

- User-2
- Operator-3
- Administrator-4
- No Access-15

**Default Value** 15

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** Both UserName and Password must be configured prior to sets

## iDRAC.Users.MD5v3Key (Read or Write)

**Description** Specifies the MD5 hash of the SNMPv3 key

**Legal Values**

- String of up to 32 ASCII characters.

**Default Value** None

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** Cannot be set without User Name being set first

## iDRAC.Users.Password (Read or Write)

**Description** iDRAC User Password

**Legal Values**

- String of up to 40 ASCII characters.

**Default Value** None

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** Cannot be set without User Name being set first

## iDRAC.Users.PrivacyProtocol (Read or Write)

**i** **NOTE:** The `iDRAC.Users.SNMPv3PrivacyType` attribute is deprecated and replaced with `iDRAC.Users.PrivacyProtocol` attribute.

**Description** The Privacy Protocol for SNMP v3

**Legal Values**

- None-0
- DES-1
- AES-2

**Default Value** 2

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** Need valid username and password to set the attribute. The value could not be set to AES or DES if authentication protocol is none.

## iDRAC.Users.Privilege (Read or Write)

**Description** Specifies the role based authority privileges allowed for the user. Below list shows the decimal values for each individual privilege. To create a custom privilege, add up below privilege decimal values and pass the value to the attribute. Login 1 Configure 2 Configure Users 4 Logs 8 System Control 16 Access Virtual Console 32 Access Virtual Media 64 System Operations 128 Debug 256

**Legal Values**

- Integral values from 0 to 511

**Default Value** 0

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** Both UserName and Password must be configured prior to sets

## iDRAC.Users.ProtocolEnable (Read or Write)

**i** **NOTE:** The `iDRAC.Users.SNMPv3AuthenticationType` attribute is deprecated and replaced with `iDRAC.Users.ProtocolEnable` attribute.

**Description** Enable SNMP v3 Protocol

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure User

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.Users.SHA1v3Key (Read or Write)

**Description** Specifies the SHA1 hash of the SNMPv3 key

<b>Legal Values</b>	· String of up to 40 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Cannot be set without User Name being set first

## iDRAC.Users.SHA256Password (Read or Write)

<b>Description</b>	Specifies the SHA256 hash of the password
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Cannot be set without User Name being set first


## iDRAC.Users.SHA256PasswordSalt (Read or Write)

<b>Description</b>	Specifies the Salt String appended to the password prior to hash
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Both User Name and SHA256 User password must be configured prior to sets

## iDRAC.Users.SolEnable (Read or Write)

<b>Description</b>	Enables or Disables SOL for the user
<b>Legal Values</b>	· Disabled-0 · Enabled-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Both UserName and Password must be configured prior to enabling user

## iDRAC.Users.UserName (Read or Write)

<b>Description</b>	iDRAC User Name   <b>NOTE: If there is a space character in the user name, enter the user name in quotes ("user name").</b>
<b>Legal Values</b>	· String of up to 16 ASCII characters.
<b>Default Value</b>	None

<b>Write Privilege</b>	Configure User
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	No duplicate User Names are allowed

## iDRAC.vFlashPartition

This group contains the attributes that provides details about iDRAC vFlash partition.

### iDRAC.vFlashPartition.AccessType (Read or Write)

<b>Description</b>	vFlash Partition Access Type
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Read Write-0</li> <li>· Read Only-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlash SD card has to be enabled. Partition at the specified index has to be created. AttachState should be Detached.

### iDRAC.vFlashPartition.AttachState (Read or Write)

<b>Description</b>	vFlash Partition Attach State
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Detached-0</li> <li>· Attached-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlash SD card has to be enabled. Partition at the specified index has to be created

### iDRAC.vFlashPartition.EmulationType (Read or Write)

<b>Description</b>	vFlash Partition Emulation Type
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· CD-DVD-0</li> <li>· HDD-1</li> <li>· Floppy-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlash SD card has to be enabled. Partition at the specified index has to be created. AttachState should be Detached.



## iDRAC.vFlashPartition.FormatType (Read Only)

<b>Description</b>	vFlash Partition Format Type
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· RAW-0</li><li>· EXT2-1</li><li>· EXT3-2</li><li>· FAT16-3</li><li>· FAT32-4</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlash SD card has to be enabled. Partition at the specified index has to be created

## iDRAC.vFlashPartition.IsGroupInstanceValid (Read or Write)

<b>Description</b>	vFlash Partition Valid Group
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Invalid-0</li><li>· Valid-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.vFlashPartition.Size (Read Only)

<b>Description</b>	vFlash Partition Size
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 17 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlash SD card has to be enabled. Partition at the specified index has to be created

## iDRAC.vFlashPartition.VolumeLabel (Read Only)

<b>Description</b>	vFlash Partition Volume Label
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 65 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlash SD card has to be enabled. Partition at the specified index has to be created

# iDRAC.vFlashSD

This group contains the attributes that provides details about iDRAC vFlash SD.

## iDRAC.vFlashSD.AvailableSize (Read Only)

<b>Description</b>	vFlash SD Available Size
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 17 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlashSD has to be enabled

## iDRAC.vFlashSD.Bitmap (Read or Write)

<b>Description</b>	Bitmap
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	0x0000000000000000
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.vFlashSD.Enable (Read or Write)

<b>Description</b>	Enable vFlash SD
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.vFlashSD.Health (Read Only)

<b>Description</b>	vFlash SD Health
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· OK-0</li><li>· Critical-1</li><li>· Warning-2</li><li>· Unknown-3</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise

**Dependency** vFlashSD has to be enabled

## iDRAC.vFlashSD.Initialized (Read Only)

**Description** Specifies if vFlash SD is initialized

**Legal Values**

- Not Initialized-0
- Initialized-1

**Default Value** 0

**Write Privilege** Virtual Media

**License Required** iDRAC Enterprise

**Dependency** vFlashSD has to be enabled

## iDRAC.vFlashSD.Licensed (Read Only)

**Description** Specifies if the vFlash SD is licensed

**Legal Values**

- Not Licensed-0
- Licensed-1

**Default Value** 0

**Write Privilege** Virtual Media

**License Required** iDRAC Enterprise

**Dependency** vFlashSD has to be enabled

## iDRAC.vFlashSD.Presence (Read or Write)

**Description** vFlash SD card presence

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Server Configuration

**License Required** iDRAC Basic

**Dependency** None

## iDRAC.vFlashSD.Size (Read Only)

**Description** vFlash SD Size

**Legal Values**

- String of up to 17 ASCII characters.

**Default Value** None

**Write Privilege** Virtual Media

**License Required** iDRAC Enterprise

**Dependency** vFlashSD has to be enabled

## iDRAC.vFlashSD.WriteProtect (Read Only)

<b>Description</b>	Enable vFlash SD Write Protect
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Virtual Media
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	vFlashSD has to be enabled

## iDRAC.VirtualConsole

This group contains the attributes that provides details about iDRAC virtual console.

### iDRAC.VirtualConsole.AccessPrivilege (Read or Write)

<b>Description</b>	Specifies the default action upon session sharing request timeout
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Full Access-0</li><li>· Read Only Access-1</li><li>· Deny Access-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.VirtualConsole.ActiveSessions (Read Only)

<b>Description</b>	Specifies current active number of Virtual Console sessions.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 6</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.VirtualConsole.AttachState (Read or Write)

<b>Description</b>	Specifies the attach state for the Virtual Console.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Detached-0</li><li>· Attached-1</li><li>· Auto-attach-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** None

## iDRAC.VirtualConsole.Enable (Read or Write)

**Description** Enables or disables the Virtual Console.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## iDRAC.VirtualConsole.EncryptEnable (Read or Write)

**Description** Encrypts the video in a Virtual Console session.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## iDRAC.VirtualConsole.LocalDisable (Read or Write)

**Description** Enables/disables the video signal on the local video port of the server.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## iDRAC.VirtualConsole.LocalVideo (Read or Write)

**Description** Enables or disables the local server video.

**Legal Values**

- Disabled-0
- Enabled-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## iDRAC.VirtualConsole.MaxSessions (Read or Write)

<b>Description</b>	Specifies maximum number of Virtual Console sessions.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 6</li></ul>
<b>Default Value</b>	6
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VirtualConsole.PluginType (Read or Write)

<b>Description</b>	Specifies the plugin type to use when running Virtual Console from a browser.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· ActiveX-0</li><li>· Java-1</li><li>· HTML5-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VirtualConsole.Port (Read or Write)

<b>Description</b>	Specifies the virtual KVM port.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 10 to 65535</li></ul>
<b>Default Value</b>	5900
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	The port number to be set can not be the same as any other service's port number.

## iDRAC.VirtualConsole.Timeout (Read or Write)

<b>Description</b>	Specifies the idle timeout in seconds for the Virtual Console.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 60 to 10800</li></ul>
<b>Default Value</b>	1800
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VirtualConsole.TimeoutEnable (Read or Write)

<b>Description</b>	Specifies if timeout is enabled for the Virtual Console
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VirtualMedia

This group contains the attributes that provides details about iDRAC virtual media.

### iDRAC.VirtualMedia.ActiveSessions (Read Only)

<b>Description</b>	Provides the number of Virtual Media sessions that are currently active.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Integral values from 0 to 1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.VirtualMedia.Attached (Read or Write)

<b>Description</b>	Used to attach virtual devices to the system via the USB bus
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Detached-0</li> <li>· Attached-1</li> <li>· AutoAttach-2</li> </ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.VirtualMedia.BootOnce (Read or Write)

<b>Description</b>	Enables or Disables the virtual media boot once feature of the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VirtualMedia.Enable (Read or Write)

<b>Description</b>	Enables or disables the Virtual Media.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.VirtualMedia.EncryptEnable (Read or Write)

<b>Description</b>	Encrypts the video in a Virtual Media session
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.VirtualMedia.FloppyEmulation (Read or Write)

<b>Description</b>	When Disabled, the virtual floppy disk is recognized as a removable disk by Windows OS
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## iDRAC.VirtualMedia.KeyEnable (Read or Write)

<b>Description</b>	Enables or Disables the virtual media key feature of the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None



## iDRAC.VirtualMedia.MaxSessions (Read Only)

<b>Description</b>	Provides the maximum number of the Virtual Media sessions allowed.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VNCServer

This group contains the attributes that provides details about iDRAC VNC server.

### iDRAC.VNCServer.ActiveSessions (Read Only)

<b>Description</b>	VNC Server Current Active VNC Sessions
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.VNCServer.Enable (Read or Write)

<b>Description</b>	Enable VNC Server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

### iDRAC.VNCServer.LowerEncryptionBitLength (Read or Write)

<b>Description</b>	Enable VNC Lower Encryption Bit Length
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VNCServer.MaxSessions (Read or Write)

<b>Description</b>	VNC Server Maximum Session Allowed
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VNCServer.Password (Read or Write)

<b>Description</b>	VNC Server Password
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 8 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VNCServer.Port (Read or Write)

<b>Description</b>	VNC Server Port
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1024 to 65535</li></ul>
<b>Default Value</b>	5901
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.VNCServer.SSLEncryptionBitLength (Read or Write)

<b>Description</b>	VNC SSL Encryption Bit Length
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Auto Negotiate-1</li><li>· 128-Bit or higher-2</li><li>· 168-Bit or higher-3</li><li>· 256-Bit or higher-4</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None


## iDRAC.VNCServer.Timeout (Read or Write)

<b>Description</b>	VNC Server Timeout
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 60 to 10800</li></ul>
<b>Default Value</b>	300
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Enterprise
<b>Dependency</b>	None

## iDRAC.WebServer

This group contains the attributes that provides details about iDRAC web server

### iDRAC.WebServer.CustomCipherString (Read or Write)

<b>Description</b>	Specifies the custom cipher string to filter the available in-use TLS cipher suite (e.g. DEFAULT:CAMELLIA - Note: These strings are case sensitive).
	 <b>NOTE: These strings are case sensitive.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 512 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.WebServer.Enable (Read or Write)

<b>Description</b>	Enables or Disables iDRAC WebServer
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### iDRAC.WebServer.HttpPort (Read or Write)

<b>Description</b>	Specifies the port number for HTTP communication with the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	80
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.HttpsPort (Read or Write)

<b>Description</b>	Specifies the port number for HTTPS communication with the iDRAC
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 65535</li></ul>
<b>Default Value</b>	443
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.HttpsRedirection (Read or Write)

<b>Description</b>	Enable HTTPS redirection
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.LowerEncryptionBitLength (Read or Write)

<b>Description</b>	Lower Encryption Bit Length
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.MaxNumberOfSessions (Read Only)

<b>Description</b>	Max session allowed
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 8</li></ul>
<b>Default Value</b>	8
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.SSLEncryptionBitLength (Read or Write)

<b>Description</b>	Specifies the SSL encryption bit length.  <b>NOTE:</b> If SSL encryption is set to 256-bit or higher, the cryptography settings for your virtual machine environment (JVM, IcedTea) may require installing the Unlimited Strength java Cryptography Extension Policy Files to permit usage of the iDRAC plugins such as vConsole with level of encryption. For information about installing the policy files, see documentation for Java.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Auto-Negotiate-0</li><li>128-Bit or higher-1</li><li>168-Bit or higher-2</li><li>256-Bit or higher-3</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.Timeout (Read or Write)

<b>Description</b>	Specifies the web server idle timeout.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 60 to 10800</li></ul>
<b>Default Value</b>	1800
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.TitleBarOption (Read or Write)

<b>Description</b>	Specifies what to display in the title bar.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Auto-1</li><li>DNS RAC Name-2</li><li>IP Address-3</li><li>Service Tag-4</li><li>System Host Name-5</li><li>Custom-6</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.TitleBarOptionCustom (Read or Write)

<b>Description</b>	Specifies the custom title when the title bar option is Custom.
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<b>Legal Values</b>	· String of up to 30 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## iDRAC.WebServer.TLSProtocol (Read or Write)

<b>Description</b>	Specifies the TLS protocol version support.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· TLS 1.0 and Higher-0</li><li>· TLS 1.1 and Higher-1</li><li>· TLS 1.2 Only-2</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# Lifecycle Controller Attributes

## Topics:

- LifecycleController.LCAttributes

## LifecycleController.LCAttributes

This group contains the Lifecycle controller LC attributes details.

**NOTE:** A job successfully configured using the autoupdate or autobackup feature settings can be deleted only if the job is currently not running or downloading.

## LifecycleController.LCAttributes.AutoDiscovery (Read Only)

<b>Description</b>	Indicates if Auto Discovery feature is turned off or on.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Off-0</li> <li>· On-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.AutoBackup (Read or Write)

<b>Description</b>	Enables or disables the automatic backup scheduler.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.AutoUpdate (Read or Write)

<b>Description</b>	Enables or disables the automatic update scheduler.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> </ul>

	<ul style="list-style-type: none"> <li>Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Enterprise
<b>Dependancy</b>	None

## LifecycleController.LCAttributes.BIOSRTDRequested (Read or Write)

<b>Description</b>	Allows to reset all the BIOS attributes to the default state. After this property is enabled, restart the server to view the default values of BIOS.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>False-0</li> <li>True-1</li> <li>OEMIDDefaults-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## LifecycleController.LCAttributes.CMCIP (Read Only)

<b>Description</b>	CMC IP address
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>String of up to 254 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## LifecycleController.LCAttributes.CollectSystemInventory OnRestart (Read or Write)

<b>Description</b>	Enables or disables collection of system inventory on host reboot.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Disabled-0</li> <li>Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependancy</b>	None



## LifecycleController.LCAttributes.DiscoveryFactoryDefaults (Read Only)

<b>Description</b>	Off- Do not reset to factory defaults when performing auto discovery. On-Reset to defaults when performing auto discovery.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Off-0</li><li>· On-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.IgnoreCertWarning (Read or Write)

<b>Description</b>	Ignore Certificate warning default when not provided.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Off-0</li><li>· On-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.IPAddress (Read or Write)

<b>Description</b>	IP Address of the network share
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 255 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.IPChangeNotifyPS (Read or Write)

<b>Description</b>	On- Notify provisioning server of an IP change. Off- Do not notify provisioning server of an IP change.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Off-0</li><li>· On-1</li></ul>
<b>Default Value</b>	0

<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.Licensed (Read Only)

<b>Description</b>	Indicates if the Part Replacement feature is licensed or not
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· No-0</li> <li>· Yes-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.LifecycleControllerState (Read or Write)

<b>Description</b>	Enables or disables Lifecycle Controller.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> <li>· Recovery-2</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.PartConfigurationUpdate (Read or Write)

<b>Description</b>	Apply hardware configuration to the replaced part on part replacement.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Apply Always-1</li> <li>· Apply only if Firmware Match-2</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.PartFirmwareUpdate (Read or Write)

<b>Description</b>	Apply firmware changes to the replaced part on part replacement.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disable-0</li><li>· Allow version upgrade only-1</li><li>· Match firmware of replaced part-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.ProvisioningServer (Read or Write)

<b>Description</b>	Provisioning server address and port.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 255 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## LifecycleController.LCAttributes.StorageHealthRollupStatus (Read Only)

<b>Description</b>	
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 1 to 4</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.SystemID (Read Only)

<b>Description</b>	Dell System ID
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 4 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.UserProxyPassword (Read or Write)

<b>Description</b>	Proxy Password default if not provided
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.UserProxyPort (Read or Write)

<b>Description</b>	Proxy Port default if not provided. Proxy Port is limited to values in the range of 0 - 65535.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	80
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.UserProxyServer (Read or Write)

<b>Description</b>	Proxy Server default if not provided.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## LifecycleController.LCAttributes.UserProxyType (Read or Write)

<b>Description</b>	Proxy Type default if not provided
<b>Legal Values</b>	<ul style="list-style-type: none"><li>HTTP-0</li><li>SOCKS-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## LifecycleController.LCAttributes.UserProxyUserName (Read or Write)

**Description** Proxy User name default if not provided.

**Legal Values** . String of up to 64 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## LifecycleController.LCAttributes.VirtualAddressManagement (Read or Write)

**Description** Specify the Virtual Address Management setting

**Legal Values** . Console-0  
. FlexAddress-1

**Default Value** 1

**Write Privilege** Server Configuration

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## LifecycleController.LCAttributes.VirtualAddressManagementApplication (Read or Write)

**Description** The console name of the Virtual Address Management Application,VirtualAddressManagement attribute is set to CurrentValue equals &quot;Console&quot;.

**Legal Values** . String of up to 32 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

# System Attributes

## Topics:

- System.AcquisitionInfo
- System.Backplane
- System.ChassisControl
- System.ChassisInfo
- System.CustomAsset
- System.DepreciationInfo
- System.Diagnostics
- System.ExtWarrantyInfo
- System.LCD
- System.LeaseInfo
- System.MaintenanceInfo
- System.OpenIDConnectServer
- System.OutsourceInfo
- System.OwnerInfo
- System.PCISlotLFM
- System.PowerHistorical
- System.QuickSync
- System.SC-BMC
- System.ServerInfo
- System.ServerOS
- System.ServerPwr
- System.ServerPwrMon
- System.ServerTopology
- System.ServiceContract
- System.Storage
- System.SupportInfo
- System.SystemInfo
- System.ThermalConfig
- System.ThermalHistorical
- System.ThermalSettings
- System.USBFront
- System.WarrantyInfo

## System.AcquisitionInfo

This group contains the attributes that provides details about `System.AcquisitionInfo`.

### System.AcquisitionInfo.CostCenter (Read or Write)

<b>Description</b>	Identifying information for the accounting unit within the purchasing company that authorized the purchase.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• String of up to 64 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## System.AcquisitionInfo.Expensed (Read or Write)

**Description** Determines whether the cost of the system was subtracted from the budget of a particular person or department in the purchasing company.

**Legal Values**

- Yes-0
- No-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.AcquisitionInfo.InstallDate (Read or Write)

**Description** Date the system was put into service by the purchasing company.

**Legal Values**

- String of up to 32 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.AcquisitionInfo.PONumber (Read or Write)

**Description** Number of the purchase order that authorized buying the system.

**Legal Values**

- String of up to 32 ASCII characters.

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.AcquisitionInfo.PurchaseCost (Read or Write)

**Description** Value expressed in currency unit that was paid for the system, for example, 25000.

**Legal Values**

- String of up to 32 ASCII characters.

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.AcquisitionInfo.PurchaseDate (Read or Write)

<b>Description</b>	Date the transaction for acquiring the system was completed.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.AcquisitionInfo.Vendor (Read Only)

<b>Description</b>	Company who sold the system to the purchaser.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	Dell
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.AcquisitionInfo.WayBill (Read or Write)

<b>Description</b>	Identifying information for the waybill or delivery slip, such as a waybill number.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.AcquisitionInfo.WhoSigned (Read or Write)

<b>Description</b>	Person who accepted delivery of the system.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.Backplane

This group contains the attributes that provides details about System backplane.



## System.Backplane.BackplaneBusMode (Read Only)

<b>Description</b>	Enclosure serial interface type, either SGPIO or I2C
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Unknown-0</li><li>· I2C-1</li><li>· SGPIO-2</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.Backplane.BackplaneSplitMode (Read or Write)

<b>Description</b>	Enclosure split mode setting
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 255</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ChassisControl

This group contains the attributes that provides details about System Chassis Control.

### System.ChassisControl.ChassisManagementatServer (Read Only)

<b>Description</b>	Specifies the Chassis Management at Server (CMAS) setting for the CMC.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· Monitor-1</li><li>· Manage and Monitor-2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

### System.ChassisControl.ChassisManagementMonitoring (Read or Write)

<b>Description</b>	Specifies the Chassis Management at Server (CMAS) setting for the iDRAC.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>

<b>Default Value</b>	1
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ChassisControl.FTREnable (Read or Write)

<b>Description</b>	Enable/Disable Fault Tolerant Redundancy
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ChassisInfo

This group contains the attributes that provides details about sytem chassis info.

### System.ChassisInfo.ChassisModel (Read Only)

 **NOTE:** The `System.ChassisInfo.ServiceTag` attribute is deprecated and replaced with `System.ChassisServiceTag` attribute.

<b>Description</b>	Specifies the chassis model.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 255 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.ChassisInfo.ChassisName (Read Only)

<b>Description</b>	Specifies the chassis name.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 255 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.ChassisInfo.ChassisServiceTag (Read Only)


<b>Description</b>	Specifies the chassis service tag.
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<b>Legal Values</b>	· String of up to 255 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ChassisInfo.ChassisType (Read Only)

<b>Description</b>	Specifies the chassis type.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Data Not Available-0</li> <li>· M1000e-9</li> <li>· VRTX-10</li> <li>· FX2 PSB-11</li> <li>· FX2 FOB-12</li> <li>· MX7000-16</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ChassisInfo.ConnectionState (Read Only)

 **NOTE:** The `System.ChassisInfo.Model` attribute is deprecated and replaced with `System.ChassisInfo.ConnectionState` attribute.

<b>Description</b>	Chassis connection state
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Unknown-0</li> <li>· Disconnected/Offline-1</li> <li>· Connected/Ready-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ChassisInfo.FirmwareVersion (Read Only)

<b>Description</b>	Chassis firmware version
<b>Legal Values</b>	· String of up to 255 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ChassisInfo.IPV4Address (Read Only)

<b>Description</b>	Chassis IPV4 address
<b>Legal Values</b>	· String of up to 255 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ChassisInfo.IPV6Address (Read Only)

<b>Description</b>	Chassis IPV6 address
<b>Legal Values</b>	· String of up to 255 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.CustomAsset

This group contains the attributes that provides details about System.CustomAsset.

## System.CustomAsset.Label (Read or Write)

<b>Description</b>	Custom Asset label.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.CustomAsset.Value (Read or Write)

<b>Description</b>	Custom Asset value
<b>Legal Values</b>	· String of up to 255 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

# System.DepreciationInfo

This group contains the attributes that provides details about System.DepreciationInfo.

## System.DepreciationInfo.Duration (Read or Write)

<b>Description</b>	Displays the duration for which the depreciation value is being calculated.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.DepreciationInfo.DurationUnit (Read or Write)

<b>Description</b>	Indicates the duration in months or years.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Months-0</li><li>· Years-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.DepreciationInfo.Method (Read or Write)

<b>Description</b>	Displays the steps and assumptions used to compute the system's depreciation.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.DepreciationInfo.Percentage (Read or Write)

<b>Description</b>	Indicates the portion of 100 that an asset is devalued or depreciated. If the duration of depreciation is 5 years, and the method is straight line, then the percentage is 20 percent.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 32 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# System.Diagnostics

This group contains the attributes that provides details about system diagnostics.

## System.Diagnostics.OSAppCollectionTime (Read Only)

<b>Description</b>	Displays the last OS and Application Data collection time in GMT/UTC
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

# System.ExtWarrantyInfo

This group contains the attributes that provides details about System.ExtWarrantyInfo

## System.ExtWarrantyInfo.Cost (Read or Write)

<b>Description</b>	Displays the total cost of the warranty service on a system.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ExtWarrantyInfo.EndDate (Read or Write)

<b>Description</b>	Displays the date that extended warranty service ends.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ExtWarrantyInfo.Provider (Read or Write)

<b>Description</b>	Displays the name of the business that is providing warranty service to the system owner.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## System.ExtWarrantyInfo.StartDate (Read or Write)

**Description** Displays the date that extended warranty service begins. This date usually follows the standard warranty service.

**Legal Values** . String of up to 32 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.LCD

**i** **NOTE:** The `System.LCD get` and `set` commands work on iDRAC on Blade Server, even if the LCD is not present on the server.

**i** **NOTE:** You can change the LCD group attributes for monolithic servers even if the LCD is not present on servers.

This group contains the attributes that provide details about System.LCD.

## System.LCD.ChassisIdentifyDuration (Read or Write)

**Description** Enable/Disable chassis Identify. A value of -1 = force on indefinitely; 0 = Off; > 0 number of seconds chassis identify is on

**Legal Values** . Integral values from -1 to 2592000

**Default Value** 0

**Write Privilege** Server Configuration

**License Required** iDRAC Basic

**Dependency** None

## System.LCD.Configuration (Read or Write)

**Description** Current LCD configuration. If this is set to User Defined, the User defined string will be displayed on the LCD.

**Legal Values**

- . User Defined-0
- . Model Name-1
- . None-2
- . iDRAC IPv4 Address-4
- . iDRAC MAC Address-8
- . OS System Name-16
- . Service Tag-32
- . IPv6 Address-64
- . Ambient Temperature-128
- . Airflow-129
- . System Watts-256
- . Asset Tag-512
- . Post-1024
- . ADStat-2048

- ADTime-2049
- ADComp-2050
- ADErr-2051

<b>Default Value</b>	32
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.CurrentDisplay (Read Only)

<b>Description</b>	The string currently displayed on the LCD
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 256 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.ErrorDisplayMode (Read or Write)

<b>Description</b>	LCD error message format selection SEL or simple where simple format include the message ID.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· SEL-1</li> <li>· simple-2</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.FrontPanelLocking (Read or Write)

<b>Description</b>	Sets LCD button interface to Full-Access;View-Only; or No access (Locked)
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Full-Access-0</li> <li>· View-Only-1</li> <li>· Locked-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.HideErrs (Read or Write)

<b>Description</b>	Hide or unhide errors displayed on LCD screen.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· hide-0</li> </ul>



	· unhide-1
<b>Default Value</b>	1
<b>Write Privilege</b>	
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.LicenseMsgEnable (Read or Write)

<b>Description</b>	Enable/disable display of no license available for certain licensable features.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· No-License-Msg-0</li> <li>· Display-Licens-Msg-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.NMIResetOverride (Read or Write)

<b>Description</b>	Enable/disables iDRAC reset capability via the Chassis ID button
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· IDButtonResets-1</li> <li>· IDButtonDoesNotReset-2</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.NumberErrsHidden (Read Only)

<b>Description</b>	The number of hidden LCD active errors
<b>Legal Values</b>	· Integral values from 0 to 65535
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.NumberErrsVisible (Read Only)

<b>Description</b>	The number of visible LCD active errors
<b>Legal Values</b>	· Integral values from 0 to 65535
<b>Default Value</b>	0

<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None


## System.LCD.QualifierTemp (Read or Write)

<b>Description</b>	Specifies Ambient Temperature Qualifier
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· C-0</li> <li>· F-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.QualifierWatt (Read or Write)

<b>Description</b>	Specifies System Watt Qualifier
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Watts-0</li> <li>· BTU/hr-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LCD.UserDefinedString (Read or Write)

<b>Description</b>	 <b>NOTE: This property is a replacement for System.LCD.LCDUserString, which has been deprecated from version 2.00.00.00.</b> User defined custom string for display on LCD
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 62 ASCII characters.</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	System.LCD.Configuration has to be set to 'User Defined' mode

## System.LCD.vConsoleIndication (Read or Write)

<b>Description</b>	Virtual Console Indication
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Enabled-1</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.LeaseInfo

This group contains the attributes that provides details about System.LeaseInfo.

### System.LeaseInfo.Buyout (Read or Write)

<b>Description</b>	Indicates the amount of money you would have to pay to own a system you are leasing.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 32 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.LeaseInfo.EndDate (Read or Write)

<b>Description</b>	Displays the agreed upon day, month, and year that the lease is no longer in force.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 32 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.LeaseInfo.FairValue (Read or Write)

<b>Description</b>	Refers to an arrangement that allows a customer to purchase systems at the end of the lease for its then current fair market value.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 32 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.LeaseInfo.Lessor (Read or Write)

<b>Description</b>	Displays the name of the business entity that is leasing the system to the user.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## System.LeaseInfo.MultiSched (Read or Write)

**Description** Indicates whether the cost of leasing the system is computed by more than one rate schedule.

**Legal Values**

- Yes-0
- No-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.LeaseInfo.RateFactor (Read or Write)

**Description** Displays the factor used to calculate the lease payment.

**Legal Values**

- String of up to 32 ASCII characters.

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.MaintenanceInfo

This group contains the attributes that provides details about System.MaintenanceInfo.

### System.MaintenanceInfo.EndDate (Read or Write)

**Description** The date that maintenance ends.

**Legal Values**

- String of up to 32 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### System.MaintenanceInfo.Provider (Read or Write)

**Description** The business entity that provides maintenance on a system.

**Legal Values**

- String of up to 64 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.MaintenanceInfo.Restrictions (Read or Write)

<b>Description</b>	Any exclusions that apply to the maintenance agreement for the system.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.MaintenanceInfo.StartDate (Read or Write)

<b>Description</b>	The date that maintenance begins.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer

This group contains the attributes that provide details about System.OpenIDConnectServer.

### System.OpenIDConnectServer.ClientToken (Read Only)

<b>Description</b>	Client registration access token
<b>Legal Values</b>	· String of up to 2816 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.OpenIDConnectServer.ClientURI (Read Only)

<b>Description</b>	Client registration URI
<b>Legal Values</b>	· String of up to 1024 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer.DiscoveryURL (Read or Write)

<b>Description</b>	Discovery URL
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 1024 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer.Enabled (Read or Write)

<b>Description</b>	Server state
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer.HttpsCertificate (Read or Write)

<b>Description</b>	HTTPS public certificate
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 2816 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer.Name (Read or Write)

<b>Description</b>	Server name
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer.RegistrationDetails (Read or Write)

<b>Description</b>	Registration details
<b>Legal Values</b>	· String of up to 1024 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OpenIDConnectServer.RegistrationStatus (Read Only)

<b>Description</b>	Registration status
<b>Legal Values</b>	· String of up to 1024 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OutsourceInfo

This group contains the attributes that provides details about System.OutsourceInfo.

### System.OutsourceInfo.ProbComp (Read or Write)

<b>Description</b>	Component of the system that requires corrective action such as repair or replacement.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.OutsourceInfo.ProviderFee (Read or Write)

<b>Description</b>	Defines any additional fee invoiced by the outsource service provider.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OutsourceInfo.ServiceFee (Read or Write)

<b>Description</b>	Amount of money paid for either the service contract or for corrective action on a specific problem component.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OutsourceInfo.SignedFor (Read or Write)

<b>Description</b>	Person who authorized the repair of the component.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OutsourceInfo.SLAlevel (Read or Write)

<b>Description</b>	Service Level Agreement (SLA) between the service provider and the system owner spells out when service is available (for example, how many hours and days per week) and what components are excluded. Levels of service to which the system owner is entitled.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OwnerInfo

This group contains the attributes that provides details about System.OwnerInfo.

## System.OwnerInfo.InsComp (Read or Write)

<b>Description</b>	The company that insures the system against theft or other loss.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None



## System.OwnerInfo.OwnerName (Read or Write)

<b>Description</b>	The individual or business entity that holds legal title to the system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.OwnerInfo.Type (Read or Write)

<b>Description</b>	Whether the system is owned or leased.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Owned-0</li><li>· Leased-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PCIESlotLFM

This group contains the attributes that provides details about System PCIeSlot LFM.

## System.PCIESlotLFM.3rdPartyCard (Read Only)

<b>Description</b>	3rd Party PCIe Card may benefit from additional settings
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li><li>· N/A-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PCIESlotLFM.CardType (Read Only)

<b>Description</b>	Type of PCIe card installed
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 512 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PCIESlotLFM.CustomLFM (Read or Write)

<b>Description</b>	Minimum airflow to be delivered the installed PCIe card
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 5000</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	CustomLFM is read/write when LFMMode is set to custom

## System.PCIESlotLFM.LFMMode (Read or Write)

<b>Description</b>	Cooling Response Mode
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Automatic-0</li><li>· Disabled-1</li><li>· Custom-2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	LFMMode is read/write when 3rdPartyCard is set to Yes

## System.PCIESlotLFM.MaxLFM (Read Only)

<b>Description</b>	Estimated airflow delivered to the slot at full fan speed
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 65536</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PCIESlotLFM.PCIEInletTemperature (Read Only)

<b>Description</b>	Indicates the current PCIe Inlet Temperature for the PCIe Slot.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 127</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PCIESlotLFM.SlotState (Read Only)

<b>Description</b>	PCIe slot physically exists
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Not-Defined-0</li> <li>· Defined-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PCISlotLFM.TargetLFM (Read Only)

<b>Description</b>	Minimum airflow provisioned for the installed PCIe card
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· String of up to 512 ASCII characters.</li> </ul>
<b>Default Value</b>	-
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.PowerHistorical

This group contains the attributes that provide details about System.PowerHistorical.

### System.PowerHistorical.IntervalInSeconds (Read or Write)

<b>Description</b>	Time interval between two power reading in the graph.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Integral values from 0 to 0</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.QuickSync

This group contains the attributes that provides details about System quicksync.

### System.QuickSync.Access (Read or Write)

<b>Description</b>	Sets QuickSync access permission
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled-0</li> <li>· Read-only-1</li> <li>· Read-write-2</li> </ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	System.QuickSync.Presence has to be Absent or Present

## System.QuickSync.InactivityTimeout (Read or Write)

<b>Description</b>	Quick Sync Inactivity Timeout value specified in seconds with max value of 3600 seconds
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 120 to 3600</li></ul>
<b>Default Value</b>	120
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Cannot be set unless InactivityTimerEnable is Enabled

## System.QuickSync.InactivityTimerEnable (Read or Write)

<b>Description</b>	Enables or disables the QuickSync inactivity timer
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	System.QuickSync.Presence has to be Absent or Present

## System.QuickSync.Presence (Read Only)

<b>Description</b>	Indicates the presence or absence of the QuickSync hardware
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Supported-0</li><li>· Absent-1</li><li>· Present-2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	System.QuickSync.Presence has to be Absent or Present

## System.QuickSync.ReadAuthentication (Read or Write)

<b>Description</b>	Enables or disables QuickSync read authentication to the server
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	System.QuickSync.Presence has to be Absent or Present

## System.QuickSync.WifiEnable (Read or Write)

 **NOTE:** This property is a replacement for System.QuickSync.WiFi, which has been deprecated.

<b>Description</b>	Enables or disables QuickSync WiFi access
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	System.QuickSync.Presence has to be Absent or Present

## System.SC-BMC

This group contains the attributes that provide details about System.SC-BMC.

 **NOTE:** The System.Chassis group is deprecated and replaced with System.SC-BMC group.

## System.SC-BMC.ChassisInfraPower (Read Only)

<b>Description</b>	Chassis Infrastructure Power
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 32767</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SC-BMC.ChassisPowerCap (Read Only)

<b>Description</b>	Chassis Power Cap
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 32767</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SC-BMC.ChassisServiceTag (Read Only)

<b>Description</b>	Chassis Service tag
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## System.SC-BMC.PowerMonitoring (Read or Write)

**Description** Power monitoring

**Legal Values** . Integral values from 0 to 1

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.ServerInfo

This group contains the attributes that provides details about system server info.

### System.ServerInfo.NodeID (Read Only)

**Description** Specifies the system node ID.

**Legal Values** . String of up to 124 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### System.ServerInfo.RChassisServiceTag (Read Only)

**Description** Provides the system chassis-related service tag.

**Legal Values** . String of up to 10 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### System.ServerInfo.ServerType (Read Only)

**Description** The type of physical form factor of the Server

**Legal Values** . Rack-0  
· Blade-1  
· Tower-2  
· Sled-3

**Default Value** 0

**Write Privilege** Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerInfo.ServiceTag (Read Only)

<b>Description</b>	Specifies the system service tag.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerOS

This group contains the attributes that provides details about system server OS.

### System.ServerOS.HostName (Read or Write)

<b>Description</b>	Server Host Name
<b>Legal Values</b>	· String of up to 253 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.ServerOS.OEMOSVersion (Read Only)

<b>Description</b>	Server OEM OS Version
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.ServerOS.OSName (Read or Write)

<b>Description</b>	Server Operating System
<b>Legal Values</b>	· String of up to 254 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic

**Dependency** None

## System.ServerOS.OSVersion (Read Only)

**Description** Server OS Version

**Legal Values** · String of up to 254 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.ServerOS.ProductKey (Read Only)

**Description** Windows OS Product Key associated with the server

**Legal Values** · String of up to 32 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.ServerOS.ServerPoweredOnTime (Read Only)

**Description** Indicates the time since the Host OS has been powered on ( seconds ).

**Legal Values** · Integral values from 0 to 2147483647

**Default Value** 0


**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.ServerPwr

This group contains the attributes that provides details about system server power.

 **NOTE: For Dell PowerEdge FM120x4 server with more than one iDRAC, the power is received and shared from CMC. Hence, the information about power and temperature for individual iDRACs are not displayed.**

## System.ServerPwr.ActivePolicyName (Read Only)

**Description** The active power cap policy name

**Legal Values** · String of up to 128 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise



**Dependency** None

## System.ServerPwr.ActivePowerCapVal (Read Only)

**Description** Set the Active Power Cap value

**Legal Values**

- Integral values from 0 to 32767

**Default Value** 32767

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## System.ServerPwr.PowerCapMaxThres (Read Only)

**Description** Maximum threshold for Power Cap

**Legal Values**

- Integral values from 0 to 32767

**Default Value** 32767

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## System.ServerPwr.PowerCapMinThres (Read Only)

**Description** Minimum threshold for Power Cap

**Legal Values**

- Integral values from 0 to 32767

**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** None

## System.ServerPwr.PowerCapSetting (Read or Write)

**Description** Enables or Disables setting the power cap value

**Legal Values**

- Disabled-0
- Enabled-1


**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Express or iDRAC Enterprise


**Dependency** None

## System.ServerPwr.PowerCapValue (Read or Write)


<b>Description</b>	Indicates maximum power consumption limit in Watts   <b>NOTE:</b> This value is applicable only if System.Power.Cap.Enable is set to 1.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 32767</li></ul>
<b>Default Value</b>	32767
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## System.ServerPwr.PSCalcRedPolicy (Read or Write)

<b>Description</b>	Specify the Power Supply redundancy policy
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Not Redundant-0</li><li>PSU Redundant-1</li><li>A/B Grid Redundant-2</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

 **NOTE:** In a two PSU system, you must set the primary PSU (that must be ON). In a four PSU system, you must set the pair of PSUs (1+3 or 2+4) that must be ON.

## System.ServerPwr.PSPFCEnabled (Read or Write)

<b>Description</b>	Enable the Power Supply Power Factor Correction   <b>NOTE:</b> <ul style="list-style-type: none"><li>This object is supported only for iDRAC on Rack and Tower servers.</li><li>This object is applicable only if System.Power.Cap.Enable is set to 1.</li></ul>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependancy</b>	None

## System.ServerPwr.PSRapidOn (Read or Write)

<b>Description</b>	Enable the Power Supply Rapid On. Rapid On is exactly same as Hotspare as listed in idrac GUI.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Disabled-0</li><li>Enabled-1</li></ul>

<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## System.ServerPwr.PSRedPolicy (Read or Write)

<b>Description</b>	Specify the Power Supply redundancy policy
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Not Redundant-0</li> <li>A/B Grid Redundant-1</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## System.ServerPwr.RapidOnPrimaryPSU (Read or Write)

<b>Description</b>	The Rapid On Primary PSU
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>PSU1-1</li> <li>PSU2-2</li> </ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## System.ServerPwr.SCViewSledPwr (Read Only)

<b>Description</b>	Chassis controller view of Individual sled power
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 0 to 1600</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## System.ServerPwrMon

This group contains the attributes that provide details about system server power monitor.

### System.ServerPwrMon.AccumulativePower (Read Only)

<b>Description</b>	Total power in energy consumed by server from start time.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 0 to 2147483647</li> </ul>

<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.CumulativePowerStartTime (Read Only)

<b>Description</b>	Start of time period from which cumulative power is calculated.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 2147483647</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.CumulativePowerStartTimeStr (Read Only)

<b>Description</b>	The start time when cumulative power is recorded.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.MinPowerTime (Read Only)

<b>Description</b>	The time when minimum power is recorded.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 2147483647</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.MinPowerTimeStr (Read Only)

<b>Description</b>	The time when minimum power is recorded.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.MinPowerWatts (Read Only)

<b>Description</b>	Minimum Power Historical
<b>Legal Values</b>	· Integral values from 0 to 65553
<b>Default Value</b>	65553
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakCurrentTime (Read Only)

<b>Description</b>	Time at which the server observed the maximum current from start time.
<b>Legal Values</b>	· Integral values from 0 to 2147483647
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakCurrentTimeStr (Read Only)

<b>Description</b>	The time when peak current is recorded.
<b>Legal Values</b>	· String of up to 128 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakPowerStartTime (Read Only)

<b>Description</b>	Start of time period for which peak power is recorded.
<b>Legal Values</b>	· Integral values from 0 to 2147483647
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakPowerStartTimeStr (Read Only)

<b>Description</b>	The start time when peak power is recorded.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakPowerTime (Read Only)

<b>Description</b>	Time at which the server consumed the maximum power from start time.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 2147483647</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakPowerTimeStr (Read Only)

<b>Description</b>	The time when peak power is recorded.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PeakPowerWatts (Read Only)

<b>Description</b>	Maximum power consumed by server from the start time.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 32767</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerPwrMon.PowerConfigReset (Read or Write)

<b>Description</b>	Resets the power statistics starting time. (Write only).
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None-0</li><li>· ClrCumulaPowerAndTime-1</li><li>· ClrPeakValueAndTime-2</li><li>· ClrAll-3</li><li>· ClrPeakAndCumulaValue-4</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology

 **NOTE:** The `System.Location` group is deprecated and replaced with `System.ServerTopology` group.

This group contains the attributes that provides details about System server topology.

## System.ServerTopology.AisleName (Read or Write)

<b>Description</b>	The aisle the system is located in.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 128 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology.BladeSlotNumInChassis (Read Only)

<b>Description</b>	Slot number within chassis.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 2 ASCII characters.</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology.ChassisName (Read Only)

<b>Description</b>	Chassis in which this system is located
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<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology.DataCenterName (Read or Write)

<b>Description</b>	The data center the system is located in.
<b>Legal Values</b>	· String of up to 128 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology.RackName (Read or Write)

<b>Description</b>	Name of the rack on which the system is located.
<b>Legal Values</b>	· String of up to 128 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology.RackSlot (Read or Write)

<b>Description</b>	Slot in the rack where the system is located.
<b>Legal Values</b>	· Integral values from 1 to 255
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ServerTopology.RoomName (Read or Write)

<b>Description</b>	Room Name
<b>Legal Values</b>	· String of up to 128 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic



**Dependency** None

## System.ServerTopology.SizeOfManagedSystemInU (Read Only)

**Description** Measure of thickness of the system in U

**Legal Values** . Integral values from 1 to 255

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

## System.ServiceContract

This group contains the attributes that provides details about System.ServiceContract.

### System.ServiceContract.Renewed (Read or Write)

**Description** Whether the service contract was renewed or not (Yes or No).

**Legal Values** . Yes-0  
. No-1

**Default Value** 1

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### System.ServiceContract.Type (Read or Write)

**Description** Type refers to the name or feature of the system covered by the service contract. For example, Installation Service, Maintenance Service, Return Service, Gold Service, Premier Service.

**Legal Values** . String of up to 64 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependency** None

### System.ServiceContract.Vendor (Read or Write)

**Description** The business entity contracting to service the system.

**Legal Values** . String of up to 64 ASCII characters.

**Default Value** None

**Write Privilege** Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.Storage

This group contains the attributes that provides details about system storage.

### System.Storage.AvailableSpareAlertThreshold (Read or Write)

<b>Description</b>	Displays the system level user configured threshold value for available spare value of the SSD devices connected to system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 1 to 99</li></ul>
<b>Default Value</b>	10
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

### System.Storage.RemainingRatedWriteEnduranceAlertThreshold (Read or Write)

<b>Description</b>	Displays the system level user configured threshold value for write endurance value of the SSD devices connected to system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 1 to 99</li></ul>
<b>Default Value</b>	10
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SupportInfo

This group contains the attributes that provides details about System.SupportInfo.

### System.SupportInfo.AutoFix (Read or Write)

<b>Description</b>	Method used to fix the problem
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SupportInfo.HelpDesk (Read or Write)

<b>Description</b>	Name of the help desk that provides technical support for your system; information provided by the help desk.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SupportInfo.Outsourced (Read or Write)

<b>Description</b>	Indicates whether you have contracted with an outside business entity to provide technical support for your system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Yes-0</li><li>· No-1</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SupportInfo.Type (Read or Write)

<b>Description</b>	Indicates whether a support request is for a problem with your system's network connectivity or with a particular system component.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Network-0</li><li>· Storage-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SystemInfo

This group contains the attributes that provides details about System.SystemInfo.

## System.SystemInfo.BootTime (Read Only)

<b>Description</b>	Time of the last system boot.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SystemInfo.PrimaryTelephone (Read or Write)

<b>Description</b>	Telephone number for the person responsible for managing the system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SystemInfo.PrimaryUser (Read or Write)

<b>Description</b>	Text that provides the name for the person responsible for managing the system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SystemInfo.SysLocation (Read or Write)

<b>Description</b>	Alphanumeric text that specifies where the system is, such as building and room.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.SystemInfo.SysTime (Read Only)

<b>Description</b>	Current time configured on the system clock.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 64 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalConfig

This group contains the attributes that provide details about System.ThermalConfig.

## System.ThermalConfig.CriticalEventGenerationInterval (Read or Write)

<b>Description</b>	Indicates time interval in days for critical events to be generated
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 365</li></ul>
<b>Default Value</b>	30
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalConfig.EventGenerationInterval (Read or Write)

<b>Description</b>	Indicates time interval in days for warning events to be generated
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 365</li></ul>
<b>Default Value</b>	30
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalConfig.FreshAirCompliantConfiguration (Read Only)

<b>Description</b>	Indicates if the system is a Fresh Air compliant configuration
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Not Applicable-0</li><li>Yes-1</li><li>No-2</li></ul>
<b>Default Value</b>	1
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalConfig.MaxCFM (Read Only)

<b>Description</b>	
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 1000</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Not shown if system.embedded.1#thermalsettings.1#systemCFMsupport is not supported.

## System.ThermalConfig.ValidFanConfiguration (Read Only)

<b>Description</b>	Valid Fan Configuration
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No-0</li><li>· Yes-1</li><li>· NotApplicable-2</li></ul>
<b>Default Value</b>	2
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalHistorical

This group contains the attributes that provide details about System.ThermalHistorical.


### System.ThermalHistorical.IntervalInSeconds (Read or Write)

<b>Description</b>	Specifies the time resolution
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 0</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings

This group contains the attributes that provides details about system thermal settings.

### System.ThermalSettings.AirExhaustTemp (Read or Write)

<b>Description</b>	Specifies the Average Air Exhaust Temperature  <b>NOTE: This attribute is platform dependent.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 40-0</li><li>· 45-1</li><li>· 50-2</li><li>· 55-3</li><li>· 60-4</li><li>· 65-5</li><li>· 70-255</li></ul>
<b>Default Value</b>	255
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	Feature must be supported to set the value.

## System.ThermalSettings.AirExhaustTempSupport (Read Only)

<b>Description</b>	Specifies if the Average Air Exhaust Temperature is supported
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Supported-0</li><li>· Supported-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalSettings.AirTemperatureRiseLimit (Read or Write)

<b>Description</b>	Defines the Air Temperature Rise Limit
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 15-0</li><li>· 20-1</li><li>· 25-2</li><li>· 30-3</li><li>· 35-4</li><li>· 40-5</li><li>· 45-6</li><li>· NO LIMIT-255</li></ul>
<b>Default Value</b>	255
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	Feature must be supported to set the value.


## System.ThermalSettings.AirTemperatureRiseLimitSupport (Read Only)

<b>Description</b>	Defines if the Air Temperature Rise Limit configuration is supported
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Supported-0</li><li>· Supported-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None


## System.ThermalSettings.CurrentSystemProfileValue (Read Only)

<b>Description</b>	Displays current system profile value
<b>Legal Values</b>	<ul style="list-style-type: none"><li>String of up to 32 ASCII characters.</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalSettings.FanSpeedHighOffsetVal (Read Only)

<b>Description</b>	Specifies the Fan Speed High Offset Value  <b>NOTE: This attribute is platform dependent.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 65535</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalSettings.FanSpeedLowOffsetVal (Read Only)

<b>Description</b>	Specifies the Fan Speed Low Offset Value  <b>NOTE: This attribute is platform dependent.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 65535</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None


## System.ThermalSettings.FanSpeedMaxOffsetVal (Read Only)

<b>Description</b>	Specifies the Fan Speed Max Offset Value
<b>Legal Values</b>	<ul style="list-style-type: none"><li>Integral values from 0 to 65535</li></ul>
<b>Default Value</b>	0



<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalSettings.FanSpeedMediumOffsetVal (Read Only)

<b>Description</b>	Specifies the Fan Speed Medium Offset Value  <b>NOTE: This attribute is platform dependent.</b>
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Integral values from 0 to 65535</li> </ul>
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<b>Default Value</b>	0
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<b>Write Privilege</b>	Configure iDRAC
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<b>License Required</b>	iDRAC Basic
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<b>Dependency</b>	None
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## System.ThermalSettings.FanSpeedOffset (Read or Write)

<b>Description</b>	Specifies the Fan Speed Offset  <b>NOTE: This attribute is platform dependent.</b>
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Low-0</li> <li>High-1</li> <li>Medium-2</li> <li>Max-3</li> <li>Off-255</li> </ul>
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<b>Default Value</b>	255
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<b>Write Privilege</b>	Configure iDRAC
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<b>License Required</b>	iDRAC Basic
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<b>Dependency</b>	None
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## System.ThermalSettings.MaximumPCleInletTemperatureLimit (Read or Write)

<b>Description</b>	Defines the Maximum PCIe Inlet Temperature Limit.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>55-0</li> <li>45-1</li> </ul>
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<b>Default Value</b>	0
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<b>Write Privilege</b>	Configure iDRAC
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<b>License Required</b>	iDRAC Basic
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<b>Dependency</b>	Feature must be supported to set the value.
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## System.ThermalSettings.MaximumPCleInletTemperatureLimitSupport (Read Only)

<b>Description</b>	Defines if the Maximum PCIe Inlet Temperature Limit configuration is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Supported-0</li><li>· Supported-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None


## System.ThermalSettings.MFSMaximumLimit (Read Only)

<b>Description</b>	Specifies the MFS Maximum Limit  <b>NOTE: This attribute is platform dependent.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 100</li></ul>
<b>Default Value</b>	100
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalSettings.MFSMinimumLimit (Read Only)

<b>Description</b>	Specifies the MFS Minimum Limit  <b>NOTE: This attribute is platform dependent.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 100</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.ThermalSettings.MinimumFanSpeed (Read or Write)

<b>Description</b>	Minimum Fan Speed  <b>NOTE: This attribute is platform dependent.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Integral values from 0 to 255</li></ul>
<b>Default Value</b>	255
<b>Write Privilege</b>	Configure iDRAC

<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.PCLeSlotLFMSupport (Read Only)

<b>Description</b>	Specifies if the PCIe LFM feature is supported
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Supported-0</li><li>· Supported-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.SetAirTemperatureRiseLimit (Read or Write)

<b>Description</b>	Defines if the Air Temperature Rise Limit configuration is enabled/disabled.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	Feature must be supported to set the value.

## System.ThermalSettings.SetMaximumExhaustTemperatureLimit (Read or Write)

<b>Description</b>	Defines if the Exhaust Temperature Limit configuration is disabled or enabled.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled-0</li><li>· Enabled-1</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	Feature must be supported to set the value.

## System.ThermalSettings.SystemCFMSupport (Read Only)

<b>Description</b>	Specifies if the System CFM is supported
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Not Supported-0</li><li>· Supported-1</li></ul>

<b>Default Value</b>	0
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.SystemExhaustTemperature (Read Only)

<b>Description</b>	Indicates the current system exhaust temperature.
<b>Legal Values</b>	· Integral values from 0 to 127
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.SystemInletTemperature (Read Only)

<b>Description</b>	Indicates the current system inlet (ambient) temperature.
<b>Legal Values</b>	· Integral values from 0 to 127
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.SystemInletTemperatureSupportLimitPerConfiguration (Read Only)

<b>Description</b>	Indicates the system inlet temperature limit supported for system configuration.
<b>Legal Values</b>	· Integral values from 0 to 127
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.TargetExhaustTemperatureLimit (Read Only)

<b>Description</b>	Indicates the current effective target exhaust temperature limit.
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<b>Legal Values</b>	· Integral values from 0 to 127
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependancy</b>	None

## System.ThermalSettings.ThermalProfile (Read or Write)

**Description** Specifies the Thermal Profile

 **NOTE: Restart the system to activate the power and thermal settings.**

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Default Thermal Profile Settings-0</li> <li>· Maximum Performance-1</li> <li>· Minimum Power-2</li> <li>· Sound Cap-3</li> </ul>
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**Default Value** 0

**Write Privilege** Configure iDRAC

**License Required** iDRAC Basic

**Dependancy** None

## System.USBFront

This group contains the attributes that provides details about system USB front.

### System.USBFront.Enable (Read or Write)

**Description** Enables or disables the host front USB port.

 **NOTE: This setting can be overwritten by BIOS Menu setting.**

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled-2</li> <li>· Disabled-1</li> <li>· Not Applicable-0</li> </ul>
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**Default Value** 0

**Write Privilege** Server Configuration

**License Required** iDRAC Basic

**Dependancy** System.USBFront.Enable can only be set to Enable/Disable if iDRAC.PlatformCapability.FrontPortUSBConfiguration is Enabled. System. USBFront.Enable can only be set to NotApplicable if iDRAC.PlatformCapability.FrontPortUSBConfiguration is Disabled.

## System.WarrantyInfo

This group contains the attributes that provides details about System.WarrantyInfo.

### System.WarrantyInfo.Cost (Read or Write)

**Description** The total cost of the warranty service on a system.

<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.WarrantyInfo.Duration (Read or Write)

<b>Description</b>	The number of days or months that the warranty is to be in force.
<b>Legal Values</b>	· String of up to 64 ASCII characters.
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.WarrantyInfo.EndDate (Read or Write)

<b>Description</b>	The date that extended warranty service ends.
<b>Legal Values</b>	· String of up to 32 ASCII characters.
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

## System.WarrantyInfo.UnitType (Read or Write)

<b>Description</b>	Indicates whether the length of the warranty is measured in days or months.
<b>Legal Values</b>	· Days-0 · Months-1
<b>Default Value</b>	0
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Basic
<b>Dependency</b>	None

# BIOS Attributes

## Topics:

- BIOS.BiosBootSettings
- BIOS.BootSeqEnDis
- BIOS.BootSettings
- BIOS.BiosCpuKnobTuning
- BIOS.DebugMenuIloConfigurationSettings
- BIOS.DebugMenuSetting
- BIOS.EmbServerMgmt
- BIOS.HttpDev1Settings
- BIOS.HttpDev2Settings
- BIOS.HttpDev3Settings
- BIOS.HttpDev4Settings
- BIOS.HttpDevTlsConfig
- BIOS.IntegratedDevices
- BIOS.IntelPersistentMemorySettingsMainMenu
- BIOS.IscsiDevice1Connection1Settings
- BIOS.IscsiDevice1Connection2Settings
- BIOS.IscsiDevice1Settings
- BIOS.MemSettings
- BIOS.MiscSettings
- BIOS.NetworkSettings
- BIOS.NvmeSettings
- BIOS.OneTimeBoot
- BIOS.PersistentMemorySetting
- BIOS.PmCreateGoalConfig
- BIOS.PmIntelPersistentMemoryDIMMs
- BIOS.PowerMgmtSettings
- BIOS.ProcSettings
- BIOS.PxeDev1Settings
- BIOS.PxeDev2Settings
- BIOS.PxeDev3Settings
- BIOS.PxeDev4Settings
- BIOS.RedundantOsControl
- BIOS.SataSettings
- BIOS.SerialCommSettings
- BIOS.SkHynixSmartTest
- BIOS.SlotBifurcation
- BIOS.SlotDisablement
- BIOS.SysInformation
- BIOS.SysProfileSettings
- BIOS.SysSecurity
- BIOS.TpmAdvancedSettings
- BIOS.UefiBootSeqEnDis
- BIOS.UefiBootSettings

## BIOS.BiosBootSettings

You can manage the BIOS start settings using the objects in this group.

## BIOS.BiosBootSettings.BiosBootSeq (Read or Write)

<b>Description</b>	This field tells the system where to find the operating system files needed for system startup. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BiosBootSettings (Read or Write)

<b>Description</b>	This field controls system boot settings when Boot Mode is set to 'BIOS'. This field has no effect when Boot Mode is set to 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootMode (Read or Write)

Table 1. The details of BIOS.BiosBootSettings.BootMode attribute

Attribute values	Attribute description
<b>Description</b>	Determines the start mode of the system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· BIOS</li><li>· UEFI</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## BIOS.BiosBootSettings.BootSeq (Read or Write)

<b>Description</b>	This field tells the system where to find the operating system files needed for system startup. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



**NOTE:** If **BootMode** is set to **UEFI**, legacy boot settings are not available in the system. Similarly, if **BootMode** is set to **Legacy BIOS**, **UEFI** settings are not available in the system.

## BIOS.BiosBootSettings.BootSeqEnDis1 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis10 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis11 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis12 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis13 (Read or Write)

**Description** This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis14 (Read or Write)

**Description** This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis15 (Read or Write)

**Description** This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis16 (Read or Write)

**Description** This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis17 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis18 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis19 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis2 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis20 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis3 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis4 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis5 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis6 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis7 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis8 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDis9 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.BootSeqEnDisRef (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.HddSeq (Read or Write)

<b>Description</b>	This field specifies the order in which hard-disk drives will be configured in the system. The first hard drive in the system will be the bootable C: drive in DOS/DOS-like operating systems. This field applies only when Boot Mode is 'BIOS'; it has no effect when Boot Mode is 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.UefiBootSeq (Read or Write)

Table 2. The details of BIOS.BiosBootSettings.UefiBootSeq attribute

Attributes values	Attribute description
<b>Description</b>	UEFI boot sequence
<b>Legal Values</b>	None
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Read Only if Boot mode is set to BIOS

## BIOS.BootSeqEnDis

This group contains the attributes that provides details about BIOS.BootSeqEnDis.

## BIOS.BootSeqEnDis.BootSeqEnDis (Read or Write)

<b>Description</b>	This field allows a boot option to be enabled or disabled. When disabled, the device will be skipped in the boot sequence when booting to the OS.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BootSettings

This group contains the attributes that provides details about BIOS.BootSettings.

### BIOS.BiosBootSettings.BiosBootSettingsRef (Read or Write)

**Description** This field controls system boot settings when Boot Mode is set to 'BIOS'. This field has no effect when Boot Mode is set to 'UEFI'.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.BootSettings.BootMode (Read or Write)

**Description** Determines whether the BIOS attempts to boot the OS via the method defined by the Unified Extensible Firmware Interface (UEFI) specification or via the legacy (BIOS) method. Selecting BIOS ensures compatibility with older operating systems that do not support the UEFI method. Many newer operating systems are UEFI-aware, and some of them may also support legacy boot methods.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.BiosBootSettings.BootSeqRetry (Read or Write)

**Description** This field enables/disables the Boot Sequence Retry feature. When set to Enabled, the system will re-attempt the Boot Sequence after a 30-second timeout if the last boot attempt has failed.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.BiosBootSettings.GenericUsbBoot (Read or Write)

**Description** When set to Enabled, a Generic USB Boot placeholder will be placed in the UEFI Boot Sequence, which will map to the first bootable USB device in the boot sequence. This allows the entry to remain present even if the USB device is not present. This is only available in UEFI Boot Mode.

**Legal Values** Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.HddFailover (Read or Write)

<b>Description</b>	When Boot Mode is BIOS, this field specifies the devices in the Hard-Disk Drive Sequence menu the BIOS will attempt to boot. This field has no effect when Boot Mode is UEFI. When set to Disabled, the BIOS will only attempt to boot the first Hard-Disk device in the list. When set to Enabled, the BIOS will attempt to boot each Hard-Disk device in order until it is successful or the entire Hard-Disk Drive Sequence has been attempted.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.HddPlaceholder (Read or Write)

<b>Description</b>	When set to Enabled, a Generic RAID HDD placeholder will be placed into the UEFI Boot Sequence. The entry will remain present until an operating system or boot file is installed on the RAID disk. This setting is only available in UEFI Boot Mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.OneTimeBootRef (Read or Write)

<b>Description</b>	This field supports a one-time boot to a specified device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetBootOrderDis (Read or Write)

<b>Description</b>	"The SetBootOrderDis fields specify a list of Fqdds representing the boot Option Disabled to be applied on the next boot."
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control



<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetBootOrderEn (Read or Write)

<b>Description</b>	"The SetBootOrderEnDis fields specify a list of Fqdds representing the boot " "Option Enable to be applied on the next boot."
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd1 (Read or Write)

<b>Description</b>	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd10 (Read or Write)

<b>Description</b>	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd11 (Read or Write)

<b>Description</b>	The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd12 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd13 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd14 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd15 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd16 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd2 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd3 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd4 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd5 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd6 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd7 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd8 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetBootOrderFqdd9 (Read or Write)

**Description** The SetBootOrderFqdd fields specify a list of Fqdds representing the boot list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd1 (Read or Write)

**Description** The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd10 (Read or Write)

**Description** The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd11 (Read or Write)

**Description** The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd12 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd13 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd14 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd15 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd16 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd2 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd3 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd4 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd5 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd6 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd7 (Read or Write)

<b>Description</b>	The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd8 (Read or Write)

**Description** The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.SetLegacyHddOrderFqdd9 (Read or Write)

**Description** The SetLegacyHddOrderFqdd fields specify a list of Fqdds representing the Legacy HDD list to be applied on the next boot.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosBootSettings.UefiBootSettingsRef (Read or Write)

**Description** This field controls system boot settings when Boot Mode is set to 'UEFI'. This field has no effect when Boot Mode is set to 'BIOS'.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.BiosCpuKnobTuning

The objects in this group manage the Bios Cpu Knob Tuning.

## BIOS.BiosCpuKnobTuning.LlcPrefetch (Read or Write)

**Description** Enable or disable LLC Prefetch on all threads.

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosCpuKnobTuning.DirectoryAtoS (Read or Write)

<b>Description</b>	AtoS optimization reduces remote read latencies for repeat read accesses without intervening writes.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.BiosCpuKnobTuning.DeadLineLlcAlloc (Read or Write)

<b>Description</b>	Enables to opportunistically fill dead lines in LLC.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuIoConfigurationSettings

This group contains the attributes that provides details about BIOS.DebugMenuIoConfigurationSettings.

## BIOS.DebugMenuIoConfigurationSettings.DeviceUnhide (Read or Write)

<b>Description</b>	This field enables/disables IIO Misc Device unhiding. This field also controls powering down unused ports.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuIoConfigurationSettings.Dfx (Read or Write)

<b>Description</b>	This field enables/disables DFX for margining. When Enabled, TXT and VT are disabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuIoConfigurationSettings.DirectMediaInterfaceSpeed (Read or Write)

<b>Description</b>	Changing this field will change the speed for the Direct Media Interface.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuIoConfigurationSettings.TXEQWA (Read or Write)

<b>Description</b>	Enable/Disable PCIe TXEQ Workaround.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuIoConfigurationSettings.UnusedPcieClk (Read or Write)

<b>Description</b>	This field enables unused PCIe clocks for Mfg Test. When Enabled, no attempt is made to disable PCIe clocks.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# BIOS.DebugMenuSetting

This group contains the attributes that provides details about BIOS.DebugMenuSetting.

## BIOS.DebugMenuSetting.AttemptFastBoot (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.AttemptFastBootCold (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.BiosCpuKnobTuning (Read or Write)

<b>Description</b>	BIOS CPU Knob Tuning
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.BiosCpuKnobTuningRef (Read or Write)

<b>Description</b>	BIOS CPU Knob Tuning
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.BrowserDebugMode (Read or Write)

<b>Description</b>	When enabled, the HII browser will turn on debug related features.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.BrowserMode (Read or Write)

<b>Description</b>	Changes display mode of HII browser. The setting will take effect after save and exit from the system setup. The setting will not apply to the next boot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.BrowserOptionsRef (Read or Write)

<b>Description</b>	HII forms browser options
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.BugChecking (Read or Write)

<b>Description</b>	This field enables/disables features of the BIOS designed to catch serious software bugs. These features include the memory checker, NULL pointer checking, and sanity checks within the BIOS core. Disabling these features maximize compatibility. Developers and Testers should enable this feature to detect serious software issues.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.CkeThrottling (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.ClpOutput (Read or Write)

**Description**

This field enables or disables CLP strings output during POST for debug purpose.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.CTOMasking (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.CurrentLimit (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.DciTransport (Read or Write)

**Description**

Enabling this field will turn on the Intel PCH Direct Connect Interface.

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.DeadLineLlcAlloc (Read or Write)

<b>Description</b>	"Enabled - opportunistically fill dead lines in LLC. " "Disabled - never fill dead lines in LLC."
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.DebugErrorLevel (Read or Write)

<b>Description</b>	This field controls serial DEBUG output level for certain drivers. The value overrides the platform PcdDebugPrintErrorLevel PCD value. The value is a 32-bit bit mask of the following values: DEBUG_INIT 0x00000001 DEBUG_WARN 0x00000002 DEBUG_LOAD 0x00000004 DEBUG_FS 0x00000008 DEBUG_POOL 0x00000010 DEBUG_PAGE 0x00000020 DEBUG_INFO 0x00000040 DEBUG_DISPATCH 0x00000080 DEBUG_VARIABLE 0x00000100 DEBUG_BM 0x00000400 DEBUG_BLKIO 0x00001000 DEBUG_NET 0x00004000 DEBUG_UNDI 0x00010000 DEBUG_LOADFILE 0x00020000 DEBUG_EVENT 0x00080000 DEBUG_GCD 0x00100000 DEBUG_CACHE 0x00200000 DEBUG_VERBOSE 0x00400000 DEBUG_ERROR 0x80000000 If the Field is clear, the platform PcdDebugPrintErrorLevel PCD value is used.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.DirectoryAtoS (Read or Write)

<b>Description</b>	"AtoS optimization reduces remote read latencies for repeat read accesses without intervening writes."
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.DirectoryMode (Read or Write)

<b>Description</b>	Enable or disable directory mode. Useful for Cscript error injection.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.EmbSataRSTeDebug (Read or Write)

<b>Description</b>	Enable Hot Plug for SATA ports of the embedded SATA controllers.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.EmbSataTestMode (Read or Write)

<b>Description</b>	Enable Test Mode for SATA ports of the embedded SATA controllers.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.IdracDebugMode (Read or Write)

<b>Description</b>	This field enables or disables the iDRAC IPMI KCS and SMA debug interface.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.IgnoreIdracCrReq (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable



<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.IoPcieGlobalSpeed (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.IntelTestEventIio (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.InteractivePassword24A (Read or Write)

<b>Description</b>	Enables or disables the new flow of interactive password defined since UEFI 2.4A (1085 and 1174 errata). When set to Disabled, the HII browser will apply the old flow defined in UEFI 2.3.1.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.JunoPmEnable (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.LinkDowntrainReporting (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.LlcPrefetch (Read or Write)

**Description** "Enable/Disable LLC Prefetch on all threads."

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.MeFailureRecoveryEnable (Read or Write)

**Description** Determines whether BIOS will attempt to recover ME when it is in a failed state

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.MemHotThrottlingMode (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.DebugMenuSetting.MemoryBist (Read or Write)

<b>Description</b>	This field enables/disables Memory BIST.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MemoryFastBootCold (Read or Write)

<b>Description</b>	Enable/Disable Memory RMT.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MemoryMultiThread (Read or Write)

<b>Description</b>	Enable/Disable Memory RMT.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MemoryPerBitMargin (Read or Write)

<b>Description</b>	Enable/Disable Memory RMT.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MemoryRmt (Read or Write)

<b>Description</b>	Enable/Disable Memory RMT.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MemoryThrottlingMode (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MemTestOnFastBoot (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MeUmaEnable (Read or Write)

<b>Description</b>	Changing this field will enable/disable the ME UMA feature
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MRCSerialDbgOut (Read or Write)

<b>Description</b>	This field enables/disables the RC/MRC Serial debug output.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.MultiThreaded (Read or Write)

<b>Description</b>	Enable to execute the Memory Reference Code multi-threaded.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.NdcConfigurationSpeed (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.PCLeErrorInjection (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.PCLeLiveErrorRecovery (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.PostPackageRepair (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.PPRErrInjectionTest (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.ProcDpatProDebug (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.ProcMtrrPatDebug (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.PSPConsoleOut (Read or Write)

<b>Description</b>	This field enables/disables PSP Console Output (serial debug).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.RankMargin (Read or Write)

<b>Description</b>	Enable/Disable Memory RMT.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.RebootTestCount (Read or Write)

<b>Description</b>	This field selects Reboot count between 1 - 65535.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.RebootTestMode (Read or Write)

<b>Description</b>	This field selects Reboot Type.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.RebootTestPoint (Read or Write)

<b>Description</b>	This field selects Reboot Location.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.S4Support (Read or Write)

<b>Description</b>	Enable, Disable, or allow normal platform control (Auto) of S4 Sleep State Support.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.SccDebugEnabled (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.DebugMenuSetting.SrefProgramming (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.TpmBindingReset (Read or Write)

<b>Description</b>	Clears the TPM, resets the binding and turns off TPM Security. To apply this, TPM Security should also be set to On when setting TPM Binding Reset to On.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.TraceHubDebug (Read or Write)

<b>Description</b>	This setting enables/disables the Intel North Peak Trace Hub feature.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.VmWareSupport (Read or Write)

<b>Description</b>	This field is for enable different _DSM of NvDimm device for MicroSoft or VMWARE (for development purpose)
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.DebugMenuSetting.XptPrefetch (Read or Write)

<b>Description</b>	"XPT Prefetch is a mechanism that enables a read request that is being sent to the LLC to speculatively issue a copy of that read to the memory controller."
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.EmbServerMgmt.EmbServerMgmt (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.EmbServerMgmt.FrontLcd (Read or Write)

<b>Description</b>	This field allows you to select whether to display the Default (Model name and number) or a user-defined string in the front-panel LCD display. To modify the advanced features of the front-panel LCD, press F2 during boot to enter System Setup and then select iDRAC Settings.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.EmbServerMgmt.UserLcdStr (Read or Write)

<b>Description</b>	This field allows you to view/enter the User-Defined String to be displayed on the LCD. The string can be 62 characters long.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.EmbServerMgmt

This group contains the attributes that provides details about BIOS.EmbServerMgmt.

## BIOS.EmbServerMgmt.EmbServerMgmt (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.EmbServerMgmt.FrontLcd (Read or Write)

<b>Description</b>	This field allows you to select whether to display the Default (Model name and number) or a user-defined string in the front-panel LCD display. To modify the advanced features of the front-panel LCD, press F2 during boot to enter System Setup and then select iDRAC Settings.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.EmbServerMgmt.UserLcdStr (Read or Write)

<b>Description</b>	This field allows you to view/enter the User-Defined String to be displayed on the LCD. The string can be 62 characters long.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings

This group contains the attributes that provides details about BIOS.HttpDev1Settings.

### BIOS.HttpDev1Settings.HttpDev1DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Dns1 (Read or Write)

<b>Description</b>	Primary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Dns2 (Read or Write)

<b>Description</b>	Secondary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1DnsDhcpEnDis (Read or Write)

<b>Description</b>	DNS information from DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Gateway (Read or Write)

<b>Description</b>	Gateway for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Interface (Read or Write)

<b>Description</b>	NIC interface used for this HTTP device
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Ip (Read or Write)

<b>Description</b>	IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Mask (Read or Write)

<b>Description</b>	Subnet mask for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Protocol (Read or Write)

<b>Description</b>	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Settings (Read or Write)

<b>Description</b>	This field controls the configuration for this HTTP device
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1Uri (Read or Write)

<b>Description</b>	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the network's DHCP server and ask it for the boot file name.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1VlanEnDis (Read or Write)

<b>Description</b>	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1VlanId (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev1Settings.HttpDev1VlanPriority (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# BIOS.HttpDev2Settings

This group contains the attributes that provides details about BIOS.HttpDev2Settings.

## BIOS.HttpDev2Settings.HttpDev2DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Dns1 (Read or Write)

<b>Description</b>	Primary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Dns2 (Read or Write)

<b>Description</b>	Secondary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2DnsDhcpEnDis (Read or Write)

<b>Description</b>	DNS information from DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Gateway (Read or Write)

<b>Description</b>	Gateway for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Interface (Read or Write)

<b>Description</b>	NIC interface for this HTTP device
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Ip (Read or Write)

<b>Description</b>	IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Mask (Read or Write)

<b>Description</b>	Subnet mask for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.HttpDev2Settings.HttpDev2Protocol (Read or Write)

<b>Description</b>	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Settings (Read or Write)

<b>Description</b>	This field controls the configuration for this HTTP device
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2Uri (Read or Write)

<b>Description</b>	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the network's DHCP server and ask it for the boot file name.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2VlanEnDis (Read or Write)

<b>Description</b>	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2VlanId (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2Settings.HttpDev2VlanPriority (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings

This group contains the attributes that provides details about BIOS.HttpDev3Settings.

## BIOS.HttpDev3Settings.HttpDev3DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3Dns1 (Read or Write)

<b>Description</b>	Primary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.HttpDev3Settings.HttpDev3Dns2 (Read or Write)

**Description** Secondary DNS server IP address for this HTTP Device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.HttpDev3Settings.HttpDev3DnsDhcpEnDis (Read or Write)

**Description** DNS information from DHCP Enable/Disable for this HTTP Device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.HttpDev3Settings.HttpDev3Gateway (Read or Write)

**Description** Gateway for this HTTP Device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.HttpDev3Settings.HttpDev3Interface (Read or Write)

**Description** NIC interface for this HTTP device

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.HttpDev3Settings.HttpDev3Ip (Read or Write)

<b>Description</b>	IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3Mask (Read or Write)

<b>Description</b>	Subnet mask for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3Protocol (Read or Write)

<b>Description</b>	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3Settings (Read or Write)

<b>Description</b>	This field controls the configuration for this HTTP device
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3Uri (Read or Write)

<b>Description</b>	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the network's DHCP server and ask it for the boot file name.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3VlanEnDis (Read or Write)

<b>Description</b>	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3VlanId (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3Settings.HttpDev3VlanPriority (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# BIOS.HttpDev4Settings

This group contains the attributes that provides details about BIOS.HttpDev4Settings.

## BIOS.HttpDev4Settings.HttpDev4DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Dns1 (Read or Write)

<b>Description</b>	Primary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Dns2 (Read or Write)

<b>Description</b>	Secondary DNS server IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4DnsDhcpEnDis (Read or Write)

<b>Description</b>	DNS information from DHCP Enable/Disable for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Gateway (Read or Write)

<b>Description</b>	Gateway for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Interface (Read or Write)

<b>Description</b>	NIC interface for this HTTP device
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Ip (Read or Write)

<b>Description</b>	IP address for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Mask (Read or Write)

<b>Description</b>	Subnet mask for this HTTP Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Protocol (Read or Write)

<b>Description</b>	Determines whether Internet Protocol version 4 (the most common, older version) or Internet Protocol version 6 (the newest version) is used for this device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Settings (Read or Write)

<b>Description</b>	This field controls the configuration for this HTTP device
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4Uri (Read or Write)

<b>Description</b>	Contains the Uniform Resource Identifier (URI) that the BIOS should boot. If this field is blank, the BIOS will attempt to contact the network's DHCP server and ask it for the boot file name.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4VlanEnDis (Read or Write)

<b>Description</b>	Set this field to Enabled if your DNS or HTTP servers reside on a Virtual LAN (VLAN).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.HttpDev4Settings.HttpDev4VlanId (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of the 4094 possible VLANs contains the desired DNS or HTTP servers. This value can be from 1 to 4094 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4Settings.HttpDev4VlanPriority (Read or Write)

<b>Description</b>	When VLAN is enabled, identifies which of 8 possible priorities are assigned to the VLAN having the given ID. This value can be from 0 to 7 inclusive.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDevTlsConfig

The objects in this group manage BIOS.Http dev TLS config

## BIOS.HttpDev1TlsConfig.HttpDev1TlsMode (Read or Write)

<b>Description</b>	View and/or modify this device's boot TLS authentication mode.
<b>Legal Values</b>	· None
<b>Default Value</b>	Enabled
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev2TlsConfig.HttpDev2TlsMode (Read or Write)

<b>Description</b>	View and/or modify this device's boot TLS authentication mode.
<b>Legal Values</b>	· None
<b>Default Value</b>	Not applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev3TlsConfig.HttpDev3TlsMode (Read or Write)

<b>Description</b>	View or modify this device's boot TLS authentication mode.
<b>Legal Values</b>	· None
<b>Default Value</b>	Not applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.HttpDev4TlsConfig.HttpDev4TlsMode (Read or Write)

<b>Description</b>	View or modify this device's boot TLS authentication mode.
<b>Legal Values</b>	· None
<b>Default Value</b>	Not applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices

This group contains the attributes that provides details about BIOS.IntegratedDevices.

## BIOS.IntegratedDevices.CurrentEmbVideoState (Read or Write)

<b>Description</b>	Read-only. Indicates the current state of the Embedded Video Controller. If the Embedded Video Controller is the only display capability in the system (that is, no add-in graphics card is installed), then the Embedded Video Controller is automatically used as the primary display even if the Embedded Video Controller setting is Disabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNic1 (Read or Write)

<b>Description</b>	Enables or disables the embedded NIC. NOTE: If set to Disabled (OS), the embedded NIC may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system. There is only one onboard RJ45 port shared between BIOS and iDRAC. So it can only be enabled when iDRAC NIC selection is set to Shared. If the iDRAC setting is Dedicated, it will be grayed out and forced to Disabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNic1Nic2 (Read or Write)

<b>Description</b>	Enables or disables the OS interface of the embedded NIC1 and NIC2 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNic2 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNic3 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNic3Nic4 (Read or Write)

<b>Description</b>	Enables or disables the OS interface of the embedded NIC3 and NIC4 controller. NOTE: If set to Disabled (OS), the embedded NICs may still be available for shared network access by the embedded management controller. This function must be configured via the NIC management utilities provided with your system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNic4 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNicPort1BootProto (Read or Write)

<b>Description</b>	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNicPort2BootProto (Read or Write)

<b>Description</b>	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNicPort3BootProto (Read or Write)

<b>Description</b>	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbNicPort4BootProto (Read or Write)

<b>Description</b>	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Embedded NIC port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.EmbVideo (Read or Write)

<b>Description</b>	Enables or disables the use of the Embedded Video Controller as the primary display. When set to Enabled, the Embedded Video Controller will be the primary display even if add-in graphics cards are installed. When set to Disabled, an add-in graphics card will be used as the primary display. BIOS will output displays to both the primary add-in video and the embedded video during POST and pre-boot environment. The embedded video will then be disabled right before the operating system boots. Note: When there are multiple add-in graphics cards installed in the system, the first card discovered during PCI enumeration is selected as the primary video. You may have to re-arrange the cards in the slots in order to control which card is the primary video controller.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.GlobalSlotDriverDisable (Read or Write)

<b>Description</b>	If you set this field to Enabled, the BIOS will not load any legacy option ROMs (when Boot Mode is BIOS) or UEFI drivers (when Boot Mode is UEFI) for any cards in the system slots. If the boot support for some card is provided by the option ROM, then the system will not be able to boot from the card, nor will its pre-boot services be available. However, the card will be available for operating system use. If you do not want this behavior or you would like to limit which slots have this behavior, set this field to Disabled. Use the Slot Disablement setting to limit the slots having this behavior. This option does not apply to any slot containing a Dell RAID card.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntegratedDevices (Read or Write)

<b>Description</b>	Configuration menu for devices integrated on the system board.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntegratedNetwork1 (Read or Write)

<b>Description</b>	Enables or disables the integrated network card (NDC). When set to Disabled, the NDC is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NICs may still be available for shared network access by iDRAC.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntegratedNetwork2 (Read or Write)

<b>Description</b>	Enables or disables the second integrated network card (NDC). When set to Disabled, the NDC is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NICs may still be available for shared network access by iDRAC.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntegratedRaid (Read or Write)

<b>Description</b>	Enables or disables the integrated RAID controller. When set to Disabled, the device is not visible to the operating system (OS).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntegratedSas (Read or Write)

<b>Description</b>	Enables or disables the integrated SAS controller. When set to Disabled, the device is not visible to the operating system (OS).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.InternalSdCard (Read or Write)

<b>Description</b>	Enables or disables the internal SD Card port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.InternalSdCardPresence (Read or Write)

<b>Description</b>	Indicate the presence state of the Internal Dual SD module (IDSMD).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.InternalSdCardPrimaryCard (Read or Write)

**Description** When Redundancy is set to Disabled, either one of the SD card can be selected to present itself as mass storage device by setting it to be primary card. By default primary SD card is selected to be SD Card 1. If SD Card 1 is not present, then controller will select SD Card 2 to be primary SD card.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.InternalSdCardRedundancy (Read or Write)

**Description** Configures the redundancy mode of the Internal Dual SD module (IDSMD). When set to Mirror Mode, data is written to both SD cards. After failure of either card and replacement of the failed card, the data of the active card is copied to the offline card during the system boot. When Redundancy is set to disabled, only the primary SD Card is visible to the OS.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.InternalUsb (Read or Write)

**Description** Enables or disables the internal USB port.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.InternalUsb1 (Read or Write)

**Description** Enables or disables the internal USB port 1.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.IntegratedDevices.InternalUsb2 (Read or Write)

**Description** Enables or disables the internal USB port 2.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.IntNic1Port1BootProto (Read or Write)

**Description** This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.IntNic1Port2BootProto (Read or Write)

**Description** This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntegratedDevices.IntNic1Port3BootProto (Read or Write)

**Description** This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not

appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntNic1Port4BootProto (Read or Write)

**Description** This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntNic2Port1BootProto (Read or Write)

**Description** This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntNic2Port2BootProto (Read or Write)

**Description** This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntNic2Port3BootProto (Read or Write)

<b>Description</b>	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IntNic2Port4BootProto (Read or Write)

<b>Description</b>	This is a Write-Only attribute to control the Legacy Boot Protocol of the LOM Port specified by the Integrated Network Card number and port number. This attribute is for system management software use, and does not appear in System BIOS Setup. This attribute always returns Unknown when read. There is no change to the LOM Port Legacy Boot Protocol setting when Unknown is written. An error is returned if written with a setting (None, PXE, or iSCSI) that is not supported by the LOM Port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IoatEngine (Read or Write)

<b>Description</b>	Enables or disables the I/O Acceleration Technology (I/OAT). I/OAT is a set of DMA features designed to accelerate network traffic and lower CPU utilization. This feature should be enabled only if the hardware and software support I/OAT.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.IoNonPostedPrefetch (Read or Write)

<b>Description</b>	Controls the PCIe throughput by enabling or disabling the PCI IO non-posted prefetch mode. When set to Enabled, memory reads from PCI devices are optimized. However, performance may be reduced for writes from PCI devices.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.MemoryMappedIOH (Read or Write)

<b>Description</b>	MMIO base default is 56TB. User should not change the default value unless addressing a known issue. When set to 12TB, the system will map MMIO base to 12TB. Enable this feature for an OS that requires 44bit PCIe addressing. When set to 512GB, the system will map MMIO base to 512GB, and reduce the maximum support for memory to less than 512GB. Enable this option only for the 4 GPU DGMA issue.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.MmioAbove4Gb (Read or Write)

<b>Description</b>	Enables support for PCIe devices that require large amount of MMIO resources. Enable this option only for 64-bit operating systems.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.MmioLimit (Read or Write)

<b>Description</b>	When set to 1TB, the system will restrict maximum MMIO space to 1TB. Enable this feature for devices not support above 1TB addressing.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.Ndc1PcieLink1 (Read or Write)

<b>Description</b>	Enables or disables the integrated network card (NDC) PCIe link. When set to Disabled, the NDC link is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NIC may still be available for shared network access by iDRAC.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.Ndc1PcieLink2 (Read or Write)

<b>Description</b>	Enables or disables the integrated network card (NDC) PCIe link. When set to Disabled, the NDC link is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NIC may still be available for shared network access by iDRAC.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.Ndc1PcieLink3 (Read or Write)

<b>Description</b>	Enables or disables the integrated network card (NDC) PCIe link. When set to Disabled, the NDC link is not available to the operating system (OS). NOTE: If set to Disabled (OS), the Integrated NIC may still be available for shared network access by iDRAC.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.OsWatchdogTimer (Read or Write)

<b>Description</b>	If the system stops responding, this watchdog timer helps in the recovery of your operating system (OS). When set to Enabled, the OS is allowed to initialize the timer. When it is set to Disabled, the timer will have no effect on the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.PcieBusCustomization (Read or Write)

<b>Description</b>	"Provide options for customizing the allocation of PCIe bus ranges to " "PCIe slots. This can be useful when connecting complex device sets " "to a slot.n" "n" "PCIe Bus System Allocation uses the normal rules of the system to " "allocate bus ranges.n" "n" "PCIe Bus Custom Allocation Option 1 increases the bus ranges allocated " "to the wider slots.n" "n" "PCIe Bus Custom Allocation Option 2 increases the bus range allocated " "to one of the wide slots more than with option 1.n" "n" "PCIe Bus Custom Allocation Option 3 allocates the largest bus range " "practical to one of the wide slots.n" "n" "Note that use of this option may cause insufficient resources to be " "available for remaining slots and prevent the system from functioning.n" "n"
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.PCIRootDeviceUnhide (Read or Write)

<b>Description</b>	If set to Enabled, root ports of all the empty slots will be accessible to the BIOS and OS.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.RipsPresence (Read or Write)

<b>Description</b>	Indicate the presence state of the RIPS (Redundant Internal Persistent Storage).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.SlotDisablementRef (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Only slots that are present on the system will be available for control.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.SnoopHldOff (Read or Write)

<b>Description</b>	Selects the number of cycles PCI I/O can withhold snoop requests, from the CPU, to allow time to complete its own write to LLC. This setting can help improve performance on workloads where throughput and latency are critical.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.SriovGlobalEnable (Read or Write)

<b>Description</b>	Enables or disables the BIOS configuration of Single Root I/O Virtualization (SR-IOV) devices. Enable this feature if booting to a virtualization operating system that recognize SR-IOV devices.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.Usb3Setting (Read or Write)

<b>Description</b>	Controls USB 3.0 support. When set to Disabled, BIOS disables USB 3.0 mode for all the USB3.0 ports. The USB devices operate at USB2.0 mode. When set to Enabled, BIOS operates all USB3.0 ports at USB2.0 mode during POST, and switches them to USB3.0 mode right after the operating system (OS) boots. You must select this option only if the operating system (such as Windows Server 2012) has a native USB 3.0 driver. Otherwise none of the USB devices will work after boot. The Auto option is available only on workstation servers. If this option is selected, the BIOS leaves all USB 3.0 ports at USB 2.0 mode, and a special OS switching driver is required to set the USB3.0 port to USB3.0 mode. Microsoft Windows 7 has switching driver capability.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.UsbEnableFrontPortsOnly (Read or Write)

<b>Description</b>	This field enables/disables the front USB ports during the OS runtime when User Accessible USB Ports is set as All Ports Off (Dynamic).
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.UsbManagedPort (Read or Write)

**Description** The iDRAC Direct USB port is managed by iDRAC exclusively with no host visibility. When set to OFF, iDRAC would not detect any USB devices installed in this managed port.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntegratedDevices.UsbPorts (Read or Write)

**Description** Configure the User Accessible USB Ports. Selecting Only Back Ports On disables the front USB ports; selecting All Ports Off disables all front and back USB ports. The USB keyboard and mouse will still function in certain USB ports during the boot process, depending on the selection. After the boot process is complete, the USB ports will be enabled or disabled as per the setting. Note: Selecting Only Back Ports On and All Ports Off will disable the USB management port and restrict access to the iDRAC USB management port features.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IntelPersistentMemorySettingsMainMenu

To manage the Intel persistent memory settings of the BIOS, use the objects in this group.

### BIOS.IntelPersistentMemorySettingsMainMenu.PersistentMemPassphrase (Read or Write)

**Description** Enables to unlock the secured Persistent Memory DIMMs. All Persistent Memory DIMMs are affected if the passphrase is modified.

 **NOTE: Entering and confirming a blank passphrase disables passphrase security in all Persistent Memory DIMMs.**

<b>Legal Values</b>	String from 0-32 characters
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.IntelPersistentMemorySettingsMainMenu.PmAppDirectCapacity (Read or Write)

**Description** Total NVDIMM size configured as AppDirect mode in the system.

**Legal Values** String from 0-19 characters

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Basic, iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntelPersistentMemorySettingsMainMenu.PmMemoryCapacity (Read or Write)

**Description** Total NVDIMM size configured as memory mode in the system.

**Legal Values** String from 0-19 characters

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Basic, iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntelPersistentMemorySettingsMainMenu.PmRawCapacity (Read or Write)

**Description** Total NVDIMM raw size in the system.

**Legal Values** String from 0-19 characters

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Basic, iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IntelPersistentMemorySettingsMainMenu.PmUnconfiguredCapacity (Read or Write)

**Description** Total NVDIMM size that is unconfigured in the system.

**Legal Values** String from 0-19 characters

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Basic, iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDevice1Connection1Settings

This group contains the attributes that provides details about BIOS.IscsiDevice1Connection1Settings.

### BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Auth (Read or Write)

**Description** Authentication type for this iSCSI connection.

**Legal Values**

- None
- Chap

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.IscsiDev1Con1Settings.IscsiDev1Con1ChapName (Read or Write)

**Description** CHAP name for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.IscsiDev1Con1Settings.IscsiDev1Con1ChapSecret (Read or Write)

**Description** CHAP secret for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.IscsiDev1Con1Settings.IscsiDev1Con1ChapType (Read or Write)

**Description** CHAP type for this iSCSI connection.

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· OneWay</li> <li>· Mutual</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Gateway (Read or Write)

<b>Description</b>	Initiator Gateway for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Interface (Read or Write)

<b>Description</b>	NIC interface used for this iSCSI connection
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Ip (Read or Write)

<b>Description</b>	Initiator IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Isid (Read or Write)

<b>Description</b>	ISID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Lun (Read or Write)

<b>Description</b>	Target LUN for this iSCSI connection. The value format is a string containing a hexadecimal-encoded representation of the 64-bit SCSI Logical Unit Number in the format described in the T10 SCSI Architecture Model specification. This format consists of four 2-byte fields separated by dashes. In most cases, the human-oriented logical unit number will be in the high-order two bytes and the low-order six bytes will be zero. Examples are: 4752-3A4F-6b7e-2F99, 6734-9-156f-127, 4186-9 or 0.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Mask (Read or Write)

<b>Description</b>	Initiator Subnet Mask for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Port (Read or Write)

**Description** Target Port for this iSCSI connection. The standard port number for iSCSI connections is 3260.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Protocol (Read or Write)

**Description** This field controls the Internet Protocol used for this iSCSI connection.

**Legal Values**

- IPV4
- IPV6

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Retry (Read or Write)

**Description** Retry Count for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1RevChapName (Read or Write)

**Description** Reverse CHAP name for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1RevChapSecret (Read or Write)

<b>Description</b>	Allows you to reverse the CHAP secret for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Settings (Read or Write)

<b>Description</b>	Allows you to set the configuration settings
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1TargetIp (Read or Write)

<b>Description</b>	Target IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1TargetName (Read or Write)

<b>Description</b>	Target name for this iSCSI connection in IQN format.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1TgtDhcpEnDis (Read or Write)

<b>Description</b>	Target DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1Timeout (Read or Write)

<b>Description</b>	Timeout for this iSCSI connection in milliseconds.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1VlanId (Read or Write)

<b>Description</b>	VLAN ID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con1Settings.IscsiDev1Con1VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection2Settings

This group contains the attributes that provides details about BIOS.IscsiDevice2Connection1Settings.

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Auth (Read or Write)

<b>Description</b>	Authentication type for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapName (Read or Write)

<b>Description</b>	CHAP name for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapSecret (Read or Write)

<b>Description</b>	CHAP secret for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapType (Read or Write)

<b>Description</b>	CHAP type for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Gateway (Read or Write)

<b>Description</b>	Initiator Gateway for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Interface (Read or Write)

<b>Description</b>	NIC interface used for this iSCSI connection
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Ip (Read or Write)

<b>Description</b>	Initiator IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Isid (Read or Write)

<b>Description</b>	ISID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Lun (Read or Write)

<b>Description</b>	Target Lun for this iSCSI connection. The value format is a string containing a hexadecimal-encoded representation of the 64-bit SCSI Logical Unit Number in the format described in the T10 SCSI Architecture Model specification. This format consists of four 2-byte fields separated by dashes. In most cases, the human-oriented logical unit number will be in the high-order two bytes and the low-order six bytes will be zero. Examples are: 4752-3A4F-6b7e-2F99, 6734-9-156f-127, 4186-9 or 0.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Mask (Read or Write)

**Description** Initiator Subnet Mask for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Port (Read or Write)

**Description** Target Port for this iSCSI connection. The standard port number for iSCSI connections is 3260.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Protocol (Read or Write)

**Description** This field controls the Internet Protocol used for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Retry (Read or Write)

**Description** Retry Count for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2RevChapName (Read or Write)

**Description** Reverse CHAP name for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2RevChapSecret (Read or Write)

**Description** Reverse CHAP secret for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Settings (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TargetIp (Read or Write)

**Description** Target IP Address for this iSCSI connection.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TargetName (Read or Write)

<b>Description</b>	Target name for this iSCSI connection in IQN format.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TgtDhcpEnDis (Read or Write)

<b>Description</b>	Target DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Timeout (Read or Write)

<b>Description</b>	Timeout for this iSCSI connection in milliseconds.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanId (Read or Write)

<b>Description</b>	VLAN ID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Settings

This group contains the attributes that provides details about BIOS.IscsiDevice1Settings.

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Auth (Read or Write)

<b>Description</b>	Authentication type for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Chap Name (Read or Write)

<b>Description</b>	CHAP name for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Chap Secret (Read or Write)

<b>Description</b>	CHAP secret for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Chap Type (Read or Write)

<b>Description</b>	CHAP type for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Dhcp EnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Gateway (Read or Write)

<b>Description</b>	Initiator Gateway for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Interface (Read or Write)

<b>Description</b>	NIC interface used for this iSCSI connection
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Ip (Read or Write)

<b>Description</b>	Initiator IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1IsId (Read or Write)

<b>Description</b>	ISID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Lun (Read or Write)

<b>Description</b>	Target LUN for this iSCSI connection. The value format is a string containing a hexadecimal-encoded representation of the 64-bit SCSI Logical Unit Number in the format described in the T10 SCSI Architecture Model specification. This format consists of four 2-byte fields separated by dashes. In most cases, the human-oriented logical unit number will be in the high-order two bytes and the low-order six bytes will be zero. Examples are: 4752-3A4F-6b7e-2F99, 6734-9-156f-127, 4186-9 or 0.
<b>Legal Values</b>	Not Applicable



<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Mask (Read or Write)

<b>Description</b>	Initiator Subnet Mask for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Port (Read or Write)

<b>Description</b>	Target Port for this iSCSI connection. The standard port number for iSCSI connections is 3260.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Protocol (Read or Write)

<b>Description</b>	This field controls the Internet Protocol used for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Retry (Read or Write)

<b>Description</b>	Retry Count for this iSCSI connection.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1RevChapName (Read or Write)

<b>Description</b>	Reverse CHAP name for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1RevChapSecret (Read or Write)

<b>Description</b>	Reverse CHAP secret for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Settings (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1TargetIP (Read or Write)

<b>Description</b>	Target IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1TargetName (Read or Write)

<b>Description</b>	Target name for this iSCSI connection in IQN format.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1TargetDhcpEnDis (Read or Write)

<b>Description</b>	Target DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1Timeout (Read or Write)

<b>Description</b>	Timeout for this iSCSI connection in milliseconds.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1VlanId (Read or Write)

<b>Description</b>	VLAN ID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Connection1Settings.IscsiDev1Con1VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Auth (Read or Write)

<b>Description</b>	Authentication type for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapName (Read or Write)

<b>Description</b>	CHAP name for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapSecret (Read or Write)

<b>Description</b>	CHAP secret for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2ChapType (Read or Write)

<b>Description</b>	CHAP type for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2DhcpEnDis (Read or Write)

<b>Description</b>	DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Gateway (Read or Write)

<b>Description</b>	Initiator Gateway for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Interface (Read or Write)

<b>Description</b>	NIC interface used for this iSCSI connection
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Ip (Read or Write)

<b>Description</b>	Initiator IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Isid (Read or Write)

<b>Description</b>	ISID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Lun (Read or Write)

<b>Description</b>	Target Lun for this iSCSI connection. The value format is a string containing a hexadecimal-encoded representation of the 64-bit SCSI Logical Unit Number in the format described in the T10 SCSI Architecture Model specification. This format consists of four 2-byte fields separated by dashes. In most cases, the human-oriented logical unit number will be in the high-order two bytes and the low-order six bytes will be zero. Examples are: 4752-3A4F-6b7e-2F99, 6734-9-156f-127, 4186-9 or 0.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Mask (Read or Write)

<b>Description</b>	Initiator Subnet Mask for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Port (Read or Write)

<b>Description</b>	Target Port for this iSCSI connection. The standard port number for iSCSI connections is 3260.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Protocol (Read or Write)

<b>Description</b>	This field controls the Internet Protocol used for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Retry (Read or Write)

<b>Description</b>	Retry Count for this iSCSI connection.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2RevChapName (Read or Write)

<b>Description</b>	Reverse CHAP name for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2RevChapSecret (Read or Write)

<b>Description</b>	Reverse CHAP secret for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Settings (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TargetIp (Read or Write)

<b>Description</b>	Target IP Address for this iSCSI connection.
<b>Legal Values</b>	Not Applicable



<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TargetName (Read or Write)

<b>Description</b>	Target name for this iSCSI connection in IQN format.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2TgtDhcpEnDis (Read or Write)

<b>Description</b>	Target DHCP Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2Timeout (Read or Write)

<b>Description</b>	Timeout for this iSCSI connection in milliseconds.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this iSCSI connection.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanId (Read or Write)

<b>Description</b>	VLAN ID for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Con2Settings.IscsiDev1Con2VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Settings.IscsiDev1Con1EnDis (Read or Write)

<b>Description</b>	This field controls the configuration for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Settings.IscsiDev1Con1SettingsRef (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Settings.IscsiDev1Con2EnDis (Read or Write)

<b>Description</b>	This field controls the configuration for this iSCSI connection.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Settings.IscsiDev1Con2SettingsRef (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDev1Settings.IscsiDev1ConOrder (Read or Write)

<b>Description</b>	This field controls the order for which the iSCSI connections will be attempted.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.IscsiDevice1Settings.IscsiDev1Settings (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings

To manage memory-related configuration settings, use the objects in this group.

### BIOS.MemSettings.AdddcSetting (Read or Write)

**Description** "When Adaptive Double DRAM Device Correction (ADDDC) is enabled, failing DRAM's are dynamically mapped out. When set to enabled, it can have some impact to system performance under certain workloads. This feature is applicable for x4 DIMMs only.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.MemSettings.AddrBasMir (Read or Write)

**Description** If the system is configured for Dell Fault Resilient Mode (FRM), controls the amount of memory for FRM per processor. The FRM memory is located on a single memory riser per processor. Only half of the FRM memory will be visible to the OS.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.MemSettings.AppDirectNamespaceCount0 (Read or Write)

**Description** App Direct namespace count

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### BIOS.MemSettings.AppDirectNamespaceCount1 (Read or Write)

**Description** App Direct namespace count

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.AppDirectCapacity (Read or Write)

<b>Description</b>	Total NVDIMM size configured as AppDirect mode in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.AppDirectNamespaceCount2 (Read or Write)

<b>Description</b>	App Direct namespace count
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.AppDirectNamespaceCount3 (Read or Write)

<b>Description</b>	App Direct namespace count
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.BatteryStatus (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity00 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity01 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity02 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity03 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity04 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity05 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity06 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity07 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity08 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity09 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity10 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity11 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity12 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity13 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control



<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity14 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity15 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity16 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity17 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity18 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity19 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity20 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity21 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity22 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Capacity23 (Read or Write)

<b>Description</b>	The size of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.ClusterOnDie (Read or Write)

<b>Description</b>	Enables or disables the Cluster on Die feature.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.ConfigureSecurity (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.CorrEccSmi (Read or Write)

<b>Description</b>	Allows the system to log ECC corrected DRAM errors into the SEL log. Logging these rare errors can help identify marginal components; however the system will pause for a few milliseconds after an error while the log entry is created. Latency conscious customers may wish to disable the feature. Spare Mode, and Mirror mode require this feature to be enabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.CreateGoalConfig (Read or Write)

<b>Description</b>	Create goal configuration of Intel Persistent Memory pools.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.CurrentMemOpModeState (Read or Write)

<b>Description</b>	Read-only. Indicates the current state of the memory operating mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator00 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator01 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator02 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator03 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator04 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator05 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator06 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator07 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator08 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator09 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator10 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator11 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator12 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator13 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator14 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator15 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator16 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator17 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator18 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator19 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator20 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator21 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control



<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator22 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DeviceLocator23 (Read or Write)

<b>Description</b>	The DIMM slot that this NVDIMM is being populated.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmiD\_%s (Read or Write)

<b>Description</b>	View Intel Persistent Memory details.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmiInfo00 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmiInfo01 (Read or Write)

**Description**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo02 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo03 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo04 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo05 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo06 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo07 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo08 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo09 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo10 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.DimmInfo11 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.DimmInfo12 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.DimmInfo13 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.DimmInfo14 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.DimmInfo15 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo16 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo17 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo18 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo19 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo20 (Read or Write)

**Description**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo21 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo22 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.DimmlInfo23 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion00 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion01 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion02 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion03 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion04 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion05 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion06 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion07 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion08 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion09 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion10 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion11 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion12 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion13 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion14 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion15 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion16 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion17 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion18 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion19 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion20 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion21 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion22 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.FirmwareVersion23 (Read or Write)

<b>Description</b>	The firmware revision of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.IntelPersistentMemories (Read or Write)

<b>Description</b>	View and configure installed Intel Persistent Memories.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.IntelPersistMemOperationTarget (Read or Write)

<b>Description</b>	NVDIMM region creation target in per Platform or per Socket.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState00 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState01 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState02 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState03 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState04 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState05 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState06 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState07 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState08 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState09 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState10 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState11 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState12 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState13 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState14 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState15 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState16 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState17 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState18 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState19 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState20 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState21 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState22 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.LockState23 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemLowPower (Read or Write)

<b>Description</b>	Enables or disables the low-power mode of memory. When set to Disabled, the memory will run at full speed. When set to Enabled, the memory will run at a reduced speed to conserve power. Default: Disabled
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemOpMode (Read or Write)

<b>Description</b>	Allows the selection of the memory operating mode. Certain options are active only if a valid memory configuration is detected. When the Optimizer Mode is enabled, the DRAM controllers operate independently in 64-bit mode and provide optimized memory performance. When Advanced ECC Mode is enabled, the two DRAM controllers are combined in 128-bit mode and provide optimized reliability. Memory that cannot be teamed by the controllers is not reported to the Operating System. When Mirror Mode is enabled, the system maintains two identical copies of data in the memory. This feature provides maximum reliability and enables the system to continue running even during a high severity memory failure. NOTE: In Mirror Mode, only half of the installed system memory is reported to the operating system. When Spare Mode is enabled, the BIOS reserves a rank of memory as a spare. At runtime, the memory controller can move a rank that exhibits a large number of correctable errors to the spare rank. NOTE: In Spare Mode, the system memory size reported to the Operating System does not include the spare portion. Spare with Advanced ECC Mode operates similarly to the Spare Mode. When this mode is enabled, the system runs under Advanced ECC mode with a spare rank reserved in each channel. NOTE: In Spare with Advanced ECC Mode, the system memory size reported to the Operating System does not include the spare portion. When Dell Fault Resilient Mode is enabled, the BIOS establishes an area of memory that is fault resilient. This mode can be used by an Operating System that supports the feature to load critical applications or enables the Operating System kernel to maximize system availability. Default: Optimizer Mode
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemOptimizer (Read or Write)

<b>Description</b>	When set to Disabled, the two DRAM controllers are combined in 128-bit mode and provide optimized reliability with Advanced ECC Mode. When set to Enabled, the two DRAM controllers operate independently in 64-bit mode and provide optimized performance without Advanced ECC Mode. Default: Disabled
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemOpVoltage (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemoryCapacity (Read or Write)

<b>Description</b>	Total NVDIMM size configured as memory mode in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemoryInterleaving (Read or Write)

<b>Description</b>	When set to Enabled, memory interleaving is supported if a symmetric memory configuration is installed. When set to Disabled, the system " supports Non-Uniform Memory Access (NUMA) (asymmetric) memory configurations. Operating Systems that are NUMA-aware understand the distribution of memory in a particular system and can intelligently allocate memory in an optimal manner. Operating Systems that are not NUMA aware could allocate memory to a processor that is not local resulting in a loss of performance. Die and Socket Interleaving should only be enabled for Operating Systems that are not NUMA aware.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemSettings (Read or Write)

<b>Description</b>	This page controls the system memory settings.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemTest (Read or Write)

<b>Description</b>	Indicates whether or not the BIOS system memory tests are conducted during POST. When set to Enabled, memory tests are performed. NOTE: Enabling this feature will result in longer boot time. The extent of increased time depends on the size of the system memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemTestType (Read or Write)

<b>Description</b>	Indicates type of BIOS-based system memory test to perform during POST. When set to Hardware, the memory tests are performed via hardware. When set to Software, the memory tests are performed via software . Note: POST time will increase when memory test are enabled, with Software test taking longer than Hardware test.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MemThrottlingMode (Read or Write)

<b>Description</b>	Displays MCDRAM thermal management/throttling modes of processor(s).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.MltRnkSpr (Read or Write)

<b>Description</b>	If the system is configured for Spare Mode or Spare With Advanced ECC Mode, this field controls the number of spare ranks per DDR channel. The default is one spare rank per DDR channel.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NGNFactoryResetClear (Read or Write)

<b>Description</b>	Enable/Disable Factory Reset/Clear
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NodeInterleave (Read or Write)

<b>Description</b>	When set to Enabled, memory interleaving is supported if a symmetric memory configuration is installed. When set to Disabled, the system supports Non-Uniform Memory Access (NUMA) (asymmetric) memory configurations. Operating Systems that are NUMA-aware understand the distribution of memory in a particular system and can intelligently allocate memory in an optimal manner. Operating Systems that are not NUMA aware could allocate memory to a processor that is not local resulting in a loss of performance. Node Interleaving should only be enabled for Operating Systems that are not NUMA aware.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault (Read or Write)

<b>Description</b>	Reset all NVDIMM-Ns to their Factory Default state, and erase all NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault0 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault1 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault10 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault11 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault12 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault13 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault14 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault15 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault16 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault17 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault18 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault19 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault2 (Read or Write)

**Description** Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault20 (Read or Write)

**Description** Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault21 (Read or Write)

**Description** Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault22 (Read or Write)

**Description** Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault23 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault3 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault4 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault5 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault6 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault7 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault8 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFactoryDefault9 (Read or Write)

<b>Description</b>	Reset an NVDIMM-N to its Factory Default state, and erase the NVDIMM-N data. WARNING: All contents in NVDIMM-N will be lost if changes are saved when exiting BIOS!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer0 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer1 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer10 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer11 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer2 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer3 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer4 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFirmwareVer5 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmfirmwareVer6 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmfirmwareVer7 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmfirmwareVer8 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmfirmwareVer9 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Nvdimmfreq0 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFreq1 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFreq10 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFreq11 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFreq2 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmFreq3 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFreq4 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFreq5 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFreq6 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFreq7 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFreq8 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmFreq9 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmInterleaveSupport (Read or Write)

**Description** Enabling this setting interleaves NVDIMMs on a per-processor basis. When interleaving is enabled, Memory performance increases. However, if one NVDIMM fails, the data in all interleaved NVDIMMs is lost. When interleaving is disabled, if one NVDIMM fails, the data in other NVDIMMs remains intact."

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation0 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation1 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmLocation10 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmLocation11 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmLocation2 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmLocation3 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation4 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation5 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation6 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation7 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.NvdimmLocation8 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmLocation9 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmReadOnly (Read or Write)

<b>Description</b>	When set to enabled, NVDIMM-N is in write-protect mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum0 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum1 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum10 (Read or Write)

<b>Description</b>	
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum11 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum2 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum3 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum4 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum5 (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum6 (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum7 (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum8 (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSerialNum9 (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.Nvdimmsize0 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.Nvdimmsize1 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.Nvdimmsize10 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.Nvdimmsize11 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.Nvdimmsize2 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Nvdimmsize3 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Nvdimmsize4 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Nvdimmsize5 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Nvdimmsize6 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Nvdimmsize7 (Read or Write)

**Description**



<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSize8 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.NvdimmSize9 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.OppSrefEn (Read or Write)

<b>Description</b>	This field enables/disables opportunistic self-refresh feature.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PersistentMemoryMode (Read or Write)

<b>Description</b>	When Select NVDIMM-N will enable NVDIMM-N Support. When select Off, all persistent memory access in OS will be disabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PersistentMemoryScrubbing (Read or Write)

**Description** Set Persistent Memory Scrubbing mode. Auto: System automatically scrubs persistent memory during POST when multibit errors have been detected. One Shot: System will scrub persistent memory during POST on the entire persistent memory range once. Upon next boot, Fystem will go back to "Auto" persistent memory srcub mode. Enable: System will scrub persistent memory during POST on the entire persistent memory range on everyboot. Note: Scrubbing persistent memory on the entire persistent memory range could take more than 60 minutes during system POST depending on system memory population.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PersistentMemoryType (Read or Write)

**Description** Select the type of the persistent memory capacity to create.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PersistentMemoryType0 (Read or Write)

**Description** Persistent memory type

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PersistentMemoryType1 (Read or Write)

**Description** Persistent memory type

**Legal Values** Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PersistentMemoryType2 (Read or Write)

<b>Description</b>	Persistent memory type
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PersistentMemoryType3 (Read or Write)

<b>Description</b>	Persistent memory type
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PersistentMemPassphrase (Read or Write)

<b>Description</b>	The Persistent Memory Passphrase unlocks secured Persistent Memory DIMMs. All Persistent Memory DIMMs are affected if the passphrase is modified. WARNING: Entering and confirming a blank passphrase disables passphrase security in all Persistent Memory DIMMs.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID00 (Read or Write)

**Description**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID01 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID02 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID03 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID04 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID05 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID06 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID07 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID08 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID09 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID10 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID11 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID12 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID13 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID14 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID15 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID16 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PmControllerRevisionID17 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PmControllerRevisionID18 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PmControllerRevisionID19 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.PmControllerRevisionID20 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable



## BIOS.MemSettings.PmControllerRevisionID21 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID22 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmControllerRevisionID23 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState00 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState01 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState02 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState03 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState04 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState05 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState06 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState07 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState08 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState09 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState10 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState11 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState12 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState13 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState14 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState15 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState16 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState17 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState18 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState19 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState20 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState21 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState22 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmLockState23 (Read or Write)

<b>Description</b>	The security state of this NVDIMM as unknown, disabled, unlocked, locked, frozen, max password, and not supported.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmMemoryMode (Read or Write)

<b>Description</b>	Set the percentage of the total capacity to use in Memory Mode(0-100). Due to platform memory alignment requirements, the capacity will be aligned automatically.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmPersistentPercentage (Read or Write)

<b>Description</b>	Reserve a percentage (0-100) of the requested AEP DIMM capacity that will be mapped into the system physical address space as Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmSecureEraseAll (Read or Write)

<b>Description</b>	Secure Erase Intel Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmSocket0 (Read or Write)

<b>Description</b>	NVDIMM pool creation for socket00
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmSocket1 (Read or Write)

<b>Description</b>	NVDIMM region creation for socket01
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmSocket2 (Read or Write)

<b>Description</b>	NVDIMM pool creation for socket02
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PmSocket3 (Read or Write)

<b>Description</b>	NVDIMM pool creation for socket03
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Pool00 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control



<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Pool01 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Pool02 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Pool03 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Pool04 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolCapacity0 (Read or Write)

<b>Description</b>	Pool Capacity
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolCapacity1 (Read or Write)

<b>Description</b>	Pool Capacity
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolCapacity2 (Read or Write)

<b>Description</b>	Pool Capacity
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolCapacity3 (Read or Write)

<b>Description</b>	Pool Capacity
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolID\_%04x (Read or Write)

<b>Description</b>	View pool details.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolID0 (Read or Write)

<b>Description</b>	Pool ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolID1 (Read or Write)

<b>Description</b>	Pool ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolID2 (Read or Write)

<b>Description</b>	Pool ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.PoolID3 (Read or Write)

<b>Description</b>	Pool ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.Pools (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.ProcEmbMemCacheSize (Read or Write)

<b>Description</b>	Displays cache size of the MCDRAM
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.ProcEmbMemMode (Read or Write)

<b>Description</b>	Displays 2LM memory modes of the processor(s). When configured as Cache mode, all the MCDRAM memory is used as memory side cache (MSC). When configured as Flat mode, all the MCDRAM memory is directly mapped to system address space. When configured as Hybrid mode, part of MCDRAM memory is mapped to system address space and the rest is used as MSC.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.ProcEmbMemSystemSize (Read or Write)

<b>Description</b>	Displays flat size of the MCDRAM
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.ProcEmbMemTotalSize (Read or Write)

<b>Description</b>	Displays total size of the MCDRAM
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RawCapacity (Read or Write)

<b>Description</b>	Total NVDIMM raw size in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RedundantMem (Read or Write)

<b>Description</b>	Enables or disables the redundant memory feature. This feature can be enabled only if a valid redundant memory configuration is detected. When Mirror Mode is enabled, the server maintains two identical copies of data in memory. This feature allows the system to continue running even during a catastrophic memory failure. NOTE: In Mirror Mode, only half of the memory size is reported to the OS. When Spare Mode is enabled, certain sets of DIMMs or a portion of these DIMMs called a Rank will be set aside as the spare memory. When a preset threshold of correctable errors has been reached on an active DIMM rank, the contents of that rank will be copied to the spare memory to prevent catastrophic memory failure. Note that in Spare Mode, the memory size reported to the OS does not include the spare portion. Default: Disabled
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RedundantMemCfgValid (Read or Write)

<b>Description</b>	Indicates whether the Redundant Memory Configuration is valid.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RedundantMemInUse (Read or Write)

<b>Description</b>	Indicates that the Redundant Memory Configuration feature is in use.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance0 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance1 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance10 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance11 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance12 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance13 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance14 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance15 (Read or Write)

**Description**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance16 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance17 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance18 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance19 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.MemSettings.RemainingRatedWriteEndurance2 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance20 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance21 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance22 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance23 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance3 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance4 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance5 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance6 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance7 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance8 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.RemainingRatedWriteEndurance9 (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus00 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus01 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus02 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus03 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus04 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus05 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus06 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus07 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus08 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus09 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus10 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus11 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus12 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus13 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus14 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus15 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus16 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus17 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus18 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus19 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus20 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus21 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus22 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SanitizeStatus23 (Read or Write)

<b>Description</b>	The sanitize status of this NVDIMM as unknown, not started, in progress, and completed.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase00 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase01 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase02 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase03 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase04 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase05 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase06 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase07 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase08 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase09 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase10 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase11 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase12 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase13 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase14 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase15 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase16 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase17 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase18 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase19 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase20 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase21 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase22 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SecureErase23 (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber00 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber01 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber02 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber03 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber04 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber05 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber06 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber07 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber08 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber09 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber10 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber11 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber12 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control



<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber13 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber14 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber15 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber16 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber17 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber18 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber19 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber20 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber21 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber22 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SerialNumber23 (Read or Write)

<b>Description</b>	The serial number of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SnoopFilter (Read or Write)

<b>Description</b>	Enables or disables the snoop filter option.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SnoopMode (Read or Write)

<b>Description</b>	Allows tuning of memory performances under different memory bandwidths. The optimal Snoop Mode setting is highly dependent on workload type. Early Snoop is best used for latency sensitive workloads. This setting offers the best balance between workload effects. Home Snoop is best used for NUMA workloads that need maximum local and remote memory bandwidth. Cluster on Die is best used for highly NUMA optimized workloads. This setting offers the best case local memory latency, but worst case remote latency. Cluster On Die is only available when Node Interleaving is Disabled. Opportunistic Snoop Broadcast, available on select processor models, works well for workloads of mixed NUMA optimization. It offers a good balance of latency and bandwidth.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SocketID0 (Read or Write)

<b>Description</b>	Socket ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SocketID1 (Read or Write)

<b>Description</b>	Socket ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SocketID2 (Read or Write)

<b>Description</b>	Socket ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SocketID3 (Read or Write)

<b>Description</b>	Socket ID
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz00 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz01 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz02 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz03 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz04 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz05 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz06 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz07 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz08 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz09 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz10 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz11 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz12 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz13 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz14 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz15 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz16 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz17 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz18 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz19 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz20 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz21 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz22 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SpeedMHz23 (Read or Write)

<b>Description</b>	The speed of this NVDIMM.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SysMemSize (Read or Write)

<b>Description</b>	Indicates the amount of main memory in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SysMemSpeed (Read or Write)

<b>Description</b>	Indicates the clock frequency of the main memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SysMemType (Read or Write)

<b>Description</b>	Indicates the type of main memory installed in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SysMemVolt (Read or Write)

<b>Description</b>	Indicates the current operating voltage of main memory.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.SystemMemoryModel (Read or Write)

<b>Description</b>	Displays the memory model of the processor(s) When configured as All2All, all the cores will be serviced by all CHAs (caching/home agent - Caching architecture). When configured as SNC-2, all the CHAs, EDCs, MCs and DRAM/memory are equally split and assigned to each cluster. When configured as SNC-4, only the EDCs and DRAM memory are equally split and assigned to 4 clusters When configured as Hemisphere, all the CHAs, EDCs, MCs are equally split and assigned to each cluster (system address space is interleaved instead of split). When
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configured as Quadrant, all the CHAs, EDCs, MCs are equally split and assigned to 4 clusters (system address space is interleaved instead of split).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.UnconfiguredCapacity (Read or Write)

<b>Description</b>	Total NVDIMM size that is unconfigured in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MemSettings.VideoMem (Read or Write)

<b>Description</b>	Indicates the total amount of video memory available to the embedded video controller.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings

To manage the miscellaneous objects settings, use the object in this group.

## BIOS.MiscSettings.AssetTag (Read or Write)

<b>Description</b>	This field displays the Asset Tag and allows you to modify it. The Asset Tag is a string assigned to a system, usually by an administrator, for security or tracking purposes. The Asset Tag can be up to 63 printable US-ASCII characters.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.CapsuleFirmwareUpdate (Read or Write)

<b>Description</b>	This field enables or disables BIOS update using a UEFI capsule update package. NOTE: If this option is disabled, you will not be able to update the BIOS using services such as Windows Update. This setting has effect only when Boot Mode is set to 'UEFI'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.DellWyseP25BIOSAccess (Read or Write)

<b>Description</b>	Controls remote user access to BIOS Setup via Dell Wyse P25/P45 Portal. When set to Disabled, pre-OS keyboard and mouse access is prevented, including to Diagnostics and Boot Options. It cannot be set back to Enabled from the P25/P45.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.ErrPrompt (Read or Write)

<b>Description</b>	This field determines whether the BIOS stops and displays a prompt when certain types of errors occur during POST. The BIOS will display the prompt when this setting is Enabled; otherwise, the BIOS will continue through POST and attempt to boot an operating system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.ForceInt10 (Read or Write)

<b>Description</b>	In UEFI Boot Mode, this field determines whether the system BIOS will load the legacy video (INT 10h) option ROM from the video controller. Normally there would be no reason to do so. However, you might need to do this in order to install certain older operating systems. During installation of these older operating systems, you may be presented with a blank screen (no visible screen output). Setting this field to Enabled may fix this OS installation issue. This field has no effect when Boot Mode is set to BIOS. This field cannot be set to Enabled when Boot Mode is UEFI and Secure Boot is enabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.InSystemCharacterization (Read or Write)

<b>Description</b>	When enabled, In-System Characterization (ISC) executes during POST upon detecting relevant change(s) in system configuration to optimize system power and performance. ISC takes about 20 seconds to execute, and system reset is required for ISC results to be applied. The Enabled - No Reboot option executes ISC and continues without applying ISC results until the next time system reset occurs. The Enabled option executes ISC and forces an immediate system reset so that ISC results can be applied right away. It takes the system longer to be ready due to the forced system reset. When disabled, ISC will not execute.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.MiscSettings (Read or Write)

<b>Description</b>	This field controls some miscellaneous system settings.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.NumLock (Read or Write)

<b>Description</b>	This field determines whether the system boots with Num Lock enabled or disabled. This does not apply to 84-key keyboards. When Num Lock is On, the rightmost keys on the keyboard function like those on a numeric calculator. With Num Lock Off, they function as cursor-control keys.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.PowerCycleRequest (Read or Write)

<b>Description</b>	This feature allows you to mimic a one-time AC power cycle. You will rarely need to use this feature. You may be directed to use it by Dell support. This feature is usually set to None. When you change it to Virtual AC, the system will do its best to mimic a temporary removal of AC power from the system (the AC Power Recovery feature will not be triggered by this action). The effect of this action is that some of the hardware components of
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the system that are always powered on when AC is present (even when the system appears to be off) will be reset. Using this feature is much more convenient than having to physically remove and reinsert the AC power cord, which would then trigger the AC Power Recovery feature when the cord was reinserted.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.ReportKbdErr (Read or Write)

<b>Description</b>	This field sets whether keyboard-related error messages are reported at system startup.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.SysMgmtNVByte1 (Read or Write)

<b>Description</b>	System Management NVRAM Byte that can be used as a state flag.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.SysMgmtNVByte2 (Read or Write)

<b>Description</b>	System Management NVRAM Byte that can be used as a state flag.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.MiscSettings.SystemUefiShell (Read or Write)

<b>Description</b>	This field enables or disables the System UEFI Shell as a UEFI boot option choice.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings

This group contains the attributes that provides details about BIOS.NetworkSettings.

### BIOS.NetworkSettings.HttpDev1EnDis (Read or Write)

<b>Description</b>	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.NetworkSettings.HttpDev1SettingsRef (Read or Write)

<b>Description</b>	View and/or modify this device's boot configuration.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.NetworkSettings.HttpDev2EnDis (Read or Write)

<b>Description</b>	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.NetworkSettings.HttpDev2SettingsRef (Read or Write)

<b>Description</b>	View and/or modify this device's boot configuration.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.HttpDev3EnDis (Read or Write)

<b>Description</b>	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.HttpDev3SettingsRef (Read or Write)

<b>Description</b>	View and/or modify this device's boot configuration.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.HttpDev4EnDis (Read or Write)

<b>Description</b>	When this setting is Enabled, the BIOS will create a UEFI boot option for the HTTP device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.HttpDev4SettingsRef (Read or Write)

<b>Description</b>	View and/or modify this device's boot configuration.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.NetworkSettings.IscsiDev1EnDis (Read or Write)

<b>Description</b>	This field controls the configuration for this iSCSI device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.IscsiInitiatorName (Read or Write)

<b>Description</b>	This field specifies the name of the iSCSI Initiator in IQN format.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.PxeDev1EnDis (Read or Write)

<b>Description</b>	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.PxeDev2EnDis (Read or Write)

<b>Description</b>	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.PxeDev3EnDis (Read or Write)

<b>Description</b>	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NetworkSettings.PxeDev4EnDis (Read or Write)

<b>Description</b>	PXE device Enable/Disable. When enabled, a UEFI boot option will be created for the PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.NvmeSettings

The objects in this group manage the NvmeSettings.

### BIOS.NvmeSettings.NvmeMode (Read or Write)

<b>Description</b>	If the system contains NVMe drives that you want to configure in a RAID array, you must set both this field and the Embedded SATA field on the SATA Settings menu to RAID Mode. You may also need to change the Boot Mode setting to UEFI. Otherwise, you should set this field to Non-RAID Mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.NVMeSettings.NvmeSettings (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.NVMeSettings.NvmeSettingsRef (Read or Write)

<b>Description</b>	This field sets the NVMe drive mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# BIOS.OneTimeBoot

You can manage the one time boot settings using the objects in this group.

## BIOS.OneTimeBoot.OneTimeBiosBootSeq (Read or Write)

<b>Description</b>	This field determines the one-time boot device when the One-Time Boot Device List is set to BIOS Boot Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeBoot (Read or Write)

<b>Description</b>	This field supports a one-time boot to a specified device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

 **NOTE:** On a Dell 13th generation of PowerEdge server, to set the value from `OneTimeBootMode` to `OneTimeUefiBootSeq`, you must boot the server in UEFI mode.

## BIOS.OneTimeBoot.OneTimeBootMode (Read or Write)

<b>Description</b>	This field enables the boot device list from which a boot device can be selected. After selecting the One-Time Boot Device List, the desired boot device must be selected from the corresponding Sequence Device field. The system will attempt to boot once to the selected device on next startup.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeBootModeSeq (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeBootSeqDev (Read or Write)

<b>Description</b>	This field determines the one-time boot device when the One-Time Boot Device List is set to BIOS Boot Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeCustomBootStr (Read or Write)

<b>Description</b>	This field determines the one-time boot device when the One-Time Boot Device List is set to one of the Custom String options. The system may temporarily switch to the correct boot mode based on the One-Time Boot Device List setting.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeHddSeq (Read or Write)

<b>Description</b>	This field determines the one-time boot hard disk when the One-Time Boot Device List is set to BIOS Hard-Disk Drive Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeHddSeqDev (Read or Write)

<b>Description</b>	This field determines the one-time boot hard disk when the One-Time Boot Device List is set to BIOS Hard-Disk Drive Sequence Device. If Boot Mode is set to UEFI, the system temporarily switches the Boot Mode to BIOS when attempting a one-time boot to the device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeUefiBootPath (Read or Write)

<b>Description</b>	Allows a one-time UEFI boot to the provided UEFI device path.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.OneTimeBoot.OneTimeUefiBootSeq (Read or Write)

<b>Description</b>	This field determines the one-time boot device when the One-Time Boot Device List is set to UEFI Boot Sequence Device. If Boot Mode is set to BIOS, the system temporarily switches the Boot Mode to UEFI when attempting a one-time boot to the device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable


## BIOS.OneTimeBoot.OneTimeUefiBootSeqDev (Read or Write)

<b>Description</b>	This field determines the one-time boot device when the One-Time Boot Device List is set to UEFI Boot Sequence Device. If Boot Mode is set to BIOS, the system temporarily switches the Boot Mode to UEFI when attempting a one-time boot to the device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PersistentMemorySetting

To manage the persistent memory settings of the BIOS, use the objects in this group.

## BIOS.PersistentMemorySettings.NvdimmFactoryDefault (Read or Write)

<b>Description</b>	Enables to perform Cryptographic Erase (if encryption is enabled) and Sanitize all persistent memory.  <b>NOTE: All User Data, Configuration Data, and PassPhrase on all NVDIMMs will be cleared if changes are saved when exiting BIOS.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled</li><li>· Enabled</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PersistentMemorySetting.PersistentMemoryMode (Read or Write)

<b>Description</b>	When Select Non-Volatile DIMM will enable Persistent Memory Support. When select Off, all persistent memory access in OS will be disabled.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· PersistentMemoryOff</li><li>· NVDIMM</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PersistentMemorySettings.PersistentMemoryScrubbing (Read or Write)

<b>Description</b>	Set Persistent Memory Scrubbing mode.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Auto</li><li>· Enable</li><li>· Disable</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PmCreateGoalConfig

To manage the persistent memory goal configuration of the BIOS, use the objects in this group.

# BIOS.PmCreateGoalConfig.PersistentMemoryType(Read or Write)

<b>Description</b>	Enables to select the type of the persistent memory capacity.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· PmAppDirect</li><li>· PmAppDirectNotInterleaved</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Read Only if PmPersistentPercentage is set to PmPercentNone or to PmPercent0

# BIOS.PmCreateGoalConfig.PmPersistentPercentage (Read or Write)

<b>Description</b>	Reserve a percentage (0-100 with increment of 5%) of the requested AEP DIMM capacity that will be mapped into the system physical address space as Persistent Memory. Intel Persistent Memory has 32GB as minimum partition. The percentage size calculated will be adjusted upward to nearest 32GB alignment.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· PmPercentNone</li><li>· PmPercent100</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not Applicable

# BIOS.PmIntelPersistentMemoryDIMMs

To manage the Intel persistent memory DIMM settings of the BIOS, use the objects in this group.

# BIOS.PmIntelPersistentMemoryDIMMs.PmSecureEraseAll (Read or Write)

<b>Description</b>	Enable or Disable Secure Erase Persistent Memory.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled</li><li>· Enabled</li></ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# BIOS.PowerMgmtSettings

This group contains the attributes that provides details about BIOS.PowerMgmtSettings.

## BIOS.PowerMgmtSettings.FanPwrPerf (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PowerMgmtSettings.MemDynamicPwr (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PowerMgmtSettings.MemPwrPerf (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PowerMgmtSettings.PowerMgmt (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PowerMgmtSettings.PowerMgmtSettings (Read or Write)

<b>Description</b>	This field controls the power management settings.
<b>Legal Values</b>	Not Applicable



<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings

To configure the processor settings, use the objects in this group.

### BIOS.ProcSettings.ControlledTurbo (Read or Write)

<b>Description</b>	Helps to control the turbo engagement feature. It is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.ProcSettings.ControlledTurboExtended (Read or Write)

<b>Description</b>	Enables control of the turbo limit engagement. Effective only when the Dell Controlled Turbo feature is enabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.ProcSettings.ControlledTurboMinusBin (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.ProcSettings.CorePerfBoost (Read or Write)

**Description**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.CpuInterconnectBusSpeed (Read or Write)

<b>Description</b>	This setting governs the frequency of the communication links among the CPUs in the system. Note that standard and basic bin processors support lower link frequencies than the advanced parts do. Maximum Data Rate indicates that the BIOS will run the communication links at the maximum frequency supported by the processors. You can also select specific frequencies that the processors support, which can vary. For best performance, you should choose the Maximum Data setting. Any reduction in the communication link frequency will affect the performance of non-local memory accesses and cache coherency traffic. In addition, it can slow access to non-local I/O devices from a particular CPU. However, if power saving considerations outweigh performance, you may want to reduce the frequency of the CPU communication links. If you do this, you should localize memory and I/O accesses to the nearest NUMA node to minimize the impact to system performance.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.CpuMinSevAsid (Read or Write)

<b>Description</b>	This option determines the number of Secure Encrypted Virtualization ES and non-ES available Address Space IDs. It is a numeric box where the number is the dividing line between non-ES and ES ASIDs. ES - Encrypted State - the register save state area is also encrypted along with the entire guest memory area A value of 1 means there are only non-ES ASIDs available A value of 16 means there are only ES ASIDs available. A value in-between, like 8 means the ASIDs are split into 7 ES and 8 non-ES ASIDs. SEV-ES ASID count Setup option allows setting from 1-16/ 1-254/ 1-510 depending on the CPU capabilities.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.DataReuse (Read or Write)

<b>Description</b>	When set to Enabled, allows the processor to retain frequently used lines in all levels of cache at the expense of some control signals between the processor and cache.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.DculpPrefetcher (Read or Write)

**Description** Enables or disables Data Cache Unit (DCU) IP Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.DcuStreamerPrefetcher (Read or Write)

**Description** Enables or disables Data Cache Unit (DCU) Streamer Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.DmaVirtualization (Read or Write)

**Description** When enabled, additional hardware capabilities for DMA Remapping and Virtualization are available.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.DynamicCoreAllocation (Read or Write)

**Description** Logical Processor Idling (LPI) is a collaborative interface between platform and Operating System that helps to improve the energy efficiency of a system. This feature is required in those cases where customer has a need to go for power budgeting. It uses Operating Systems core parking algorithm and parks some of the logical processors in the system which in turn lets the corresponding processor cores transition into a lower power idle state. If LPI is getting used instead of throttling, better performances can be achieved when power budgeting is used. Setting to Disabled limits the OS capability to put the logical processors in idling state. Note: This feature is not supported if CPU Power Management is set to Maximum Performance.

**Legal Values** Not Applicable

**Default Value** Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.IommuSupport (Read or Write)

<b>Description</b>	Enable or Disable IOMMU support. Required to create IVRS ACPI Table
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.L1Prefetcher (Read or Write)

<b>Description</b>	Enables or disables the L1 Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.L2Prefetcher (Read or Write)

<b>Description</b>	Enables or disables the L2 Prefetcher. This setting can affect performance, depending on the application running on the server. Recommended for High Performance Computing applications.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.LogicalProc (Read or Write)

<b>Description</b>	Each processor core supports up to two logical processors. When set to Enabled, the BIOS reports all logical processors. When set to Disabled, the BIOS only reports one logical processor per core. Generally, higher processor count results in increased performance for most multi-threaded workloads and the recommendation is to keep this enabled. However, there are some floating point/scientific workloads, including HPC workloads, where disabling this feature may result in higher performance.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.MadtCoreEnumeration (Read or Write)

**Description** This field determines how BIOS enumerates processor cores in the ACPI MADT table. When set to Round Robin, Processor cores are enumerated in a Round Robin order to evenly distribute interrupt controllers for the OS across all Sockets and Dies. When set to Linear, Processor cores are enumerated across all Dies within a Socket before enumerating additional Sockets for a linear distribution of interrupt controllers for the OS.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.NumaDistanceEnum (Read or Write)

**Description** This field determines how BIOS enumerate NUMA nodes distance in ACPI SLIT tables. When set to physical, NUMA node distance will enumerated by physical architecture. When set to logical, the level of NUMA node distance will simplified by logical distance for better OS capability.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.PerfMonitorDevices (Read or Write)

**Description** When set to Enabled, Performance Monitor Devices are visible to the OS.

 **NOTE: The Performance Monitor Devices field is set to Disabled by default.**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc1Brand (Read or Write)

**Description** This field displays the brand text provided by the processor manufacturer.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc1ControlledTurbo (Read or Write)

**Description** Helps control the turbo engagement for processor 1. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.

 **NOTE:** You can enable this option only when System Profile is set to Performance.

**Legal Values** Not Applicable  
**Default Value** Not Applicable  
**Write Privilege** Server Control  
**License Required** iDRAC Express or iDRAC Enterprise  
**Dependency** Not applicable

## BIOS.ProcSettings.Proc1ControlledTurboMinusBin (Read or Write)

**Description**  
**Legal Values** Not Applicable  
**Default Value** Not Applicable  
**Write Privilege** Server Control  
**License Required** iDRAC Express or iDRAC Enterprise  
**Dependency** Not applicable

## BIOS.ProcSettings.Proc1Cores (Read or Write)

**Description** Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.

**Legal Values** Not Applicable  
**Default Value** Not Applicable  
**Write Privilege** Server Control  
**License Required** iDRAC Express or iDRAC Enterprise  
**Dependency** Not applicable

## BIOS.ProcSettings.Proc1Id (Read or Write)

**Description** Displays the processor's family, model, and stepping values.

**Legal Values** Not Applicable  
**Default Value** Not Applicable  
**Write Privilege** Server Control  
**License Required** iDRAC Express or iDRAC Enterprise  
**Dependency** Not applicable

## BIOS.ProcSettings.Proc1L2Cache (Read or Write)

<b>Description</b>	Displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc1L3Cache (Read or Write)

<b>Description</b>	Displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc1MaxMemoryCapacity (Read or Write)

<b>Description</b>	Displays the maximum amount of system memory supported by this processor.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc1Microcode (Read or Write)

<b>Description</b>	Indicates the microcode update signature.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc1NumCores (Read or Write)

<b>Description</b>	Displays the number of cores in the processor package.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2Brand (Read or Write)

<b>Description</b>	Displays the brand text provided by the processor manufacturer.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2ControlledTurbo (Read or Write)

<b>Description</b>	Helps control the turbo engagement for processor 2. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.
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 **NOTE: You can enable this option only when System Profile is set to Performance.**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2ControlledTurboMinusBin (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2Cores (Read or Write)

<b>Description</b>	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2Id (Read or Write)

<b>Description</b>	Displays the processor's family, model, and stepping values.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2L2Cache (Read or Write)

<b>Description</b>	Displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2L3Cache (Read or Write)

<b>Description</b>	Displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc2MaxMemoryCapacity (Read or Write)

<b>Description</b>	Displays the maximum amount of system memory supported by this processor.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc2Microcode (Read or Write)

**Description** Indicates the microcode update signature.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc2NumCores (Read or Write)

**Description** Displays the number of cores in the processor package.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc3Brand (Read or Write)

**Description** Displays the brand text provided by the processor manufacturer.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc3ControlledTurbo (Read or Write)

**Description** Helps control the turbo engagement for processor 3. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.

 **NOTE: You can enable this option only when System Profile is set to Performance.**

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc3ControlledTurboMinusBin (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3Cores (Read or Write)

<b>Description</b>	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3Id (Read or Write)

<b>Description</b>	Displays the processor's family, model, and stepping values.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3L2Cache (Read or Write)

<b>Description</b>	Displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3L3Cache (Read or Write)

<b>Description</b>	Displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3MaxMemoryCapacity (Read or Write)

<b>Description</b>	Displays the maximum amount of system memory supported by this processor.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3Microcode (Read or Write)

<b>Description</b>	Indicates the microcode update signature.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc3NumCores (Read or Write)

<b>Description</b>	Displays the number of cores in the processor package.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4Brand (Read or Write)

<b>Description</b>	Displays the brand text provided by the processor manufacturer.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4ControlledTurbo (Read or Write)

**Description** Helps to control the turbo engagement for processor 4. This option is active when System Profile is set to Performance, or when System Profile is set to Custom, CPU Power Management is set to Maximum Performance, and Turbo Boost enabled. A DPAT Pro license is needed to enable this feature.

 **NOTE: You can enable this option only when System Profile is set to Performance.**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4ControlledTurboMinusBin (Read or Write)

**Description**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4Cores (Read or Write)

**Description** Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Intel Turbo Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4Id (Read or Write)

**Description** Displays the processor's family, model, and stepping values.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4L2Cache (Read or Write)

<b>Description</b>	This field displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4L3Cache (Read or Write)

<b>Description</b>	This field displays the amount of memory in the corresponding processor cache.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4MaxMemoryCapacity (Read or Write)

<b>Description</b>	Displays the maximum amount of system memory supported by this processor.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.Proc4Microcode (Read or Write)

<b>Description</b>	Indicates the microcode update signature.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc4NumCores (Read or Write)

**Description** This field displays the number of cores in the processor package.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.Proc64bit (Read or Write)

**Description** Indicates whether or not the installed processor(s) support 64-bit extensions.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.ProcAdjCacheLine (Read or Write)

**Description** When set to Enabled, the system is optimized for applications that require high utilization of sequential memory access. Disable this option for applications that require high utilization of random memory access.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.ProcAts (Read or Write)

**Description** Defines the Address Translation Cache (ATC) behavior for devices to cache DMA translations. This field provides an interface to a chipset's Address Translation and Protection Table to translate DMA addresses to host addresses.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.ProcSettings.ProcBusSpeed (Read or Write)

<b>Description</b>	Displays the bus speed of the processor(s).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcConfigTdp (Read or Write)

<b>Description</b>	Allows the reconfiguration of the processor Thermal Design Power (TDP) levels based on the power and thermal delivery capabilities of the system. TDP refers to the maximum amount of power the cooling system is required to dissipate. NOTE: This option is only available on certain SKUs of the processors, and the number of alternative levels varies as well.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcCores (Read or Write)

<b>Description</b>	Controls the number of cores presented to the Operating System (OS) from each populated processor socket. In general, it is uncommon to artificially reduce the core count for a given system, but under some circumstances, limited performance improvements to Intel Turbo Boost Technology and potentially larger shared caches may benefit some customers. Most computing environments tend to benefit more from larger numbers of processing cores, so you must carefully weigh disabling cores to gain nominal performance enhancements.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcCoreSpeed (Read or Write)

<b>Description</b>	Displays the rated clock speed of the processor(s).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.ProcSettings.ProcCoresPerDie (Read or Write)

<b>Description</b>	Controls the number of enabled cores in the processor. Under certain circumstances, you may see limited performance improvements to Boost Technology and benefit from potentially larger shared caches if you reduce the number of enabled cores. Most computing environments tend to benefit more from larger number of processing cores, so you must carefully weigh the disabling of cores to gain nominal performance enhancements.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcDramPrefetcher (Read or Write)

<b>Description</b>	When set to Enabled, turns on the DRAM prefetch unit in the Northbridge. When set to Disabled, prevents DRAM references from triggering DRAM prefetch requests. Default: Enabled
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.PROCESSOR\_CCD (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.PROCESSOR\_CCD\_CCX (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcExecuteDisable (Read or Write)

<b>Description</b>	A security feature designed to prevent certain types of buffer overflow attacks by enforcing specific areas of memory that applications can execute code. In general, it is best practice to leave this option set to Enabled for the security benefits, as no real performance advantage has been detected by disabling this feature in BIOS.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcHpcMode (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcHtAssist (Read or Write)

<b>Description</b>	When enabled, it provides filtering of broadcast probes to improve HyperTransport I/O Link bandwidth and performance on multi-node systems. When set to Enabled, the probe filter is enabled if two or more processors are installed and all processors support the probe filter. If only one processor is installed, both nodes must have memory (at least 1067 MHz) attached. The default is Disabled for single-processor systems and Enabled for multi-processor systems.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcHwPrefetcher (Read or Write)

<b>Description</b>	When set to Enabled, the processor is able to prefetch extra cache lines for every memory request. This setting can affect performance, depending on the application running on the server and memory bandwidth utilization.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcHyperTransport (Read or Write)

<b>Description</b>	Specifies the supported HyperTransport I/O Link Specification. If the system board and all installed processors support HT 3, this field is settable to HT 3 or HT 1, else this field will become Read-Only and set to HT 1.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcSettings (Read or Write)

<b>Description</b>	Enables you to control the processor(s) settings.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcSoftwarePrefetcher (Read or Write)

<b>Description</b>	When set to Enabled, the hardware prefetcher considers software prefetches when detecting strides for prefetch requests. When set to Disabled, prevents the hardware prefetcher from considering software prefetches when detecting strides for prefetch requests. Default: Enabled
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcSwPrefetcher (Read or Write)


<b>Description</b>	When set to Enabled, the processor is able to prefetch extra cache lines for every memory request. This setting can affect performance, depending on the application running on the server and memory bandwidth utilization.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcVirtualization (Read or Write)

<b>Description</b>	When set to Enabled, the BIOS will enable processor Virtualization features and provide the virtualization support to the Operating System (OS) through the DMAR table. In general, only virtualized environments such as VMware(r) ESX(tm), Microsoft Hyper-V(r), Red Hat(r) KVM, and other virtualized operating systems will take advantage of these features. Disabling this feature is not known to significantly alter the performance or power characteristics of the system, so leaving this option Enabled is advised for most cases.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.ProcX2Apic (Read or Write)

<b>Description</b>	Enable or Disable x2APIC mode. Compared to the traditional xAPIC architecture, x2APIC extends processor addressability and enhances interrupt delivery performance. Virtualization Technology must be enabled to allow enabling and disabling of x2APIC mode. The x2APIC mode is forced to Disabled when Virtualization Technology is disabled.
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 **NOTE: To enable BIOS.ProcSettings.ProcX2Apic, you must enable BIOS.ProcSettings.ProcVirtualization.**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.QpiBandwidthPriority (Read or Write)

<b>Description</b>	Determines the number and priority of requests on the QuickPath Interconnect (QPI) bus. The QPI connects the processor sockets. The Compute setting favors computational traffic while the I/O setting is optimized for IO intensive workloads.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.QpiSpeed (Read or Write)

<b>Description</b>	The Intel QuickPath Interconnect (QPI) Speed option in the Processor section governs the frequency of the QPI links between the populated processors. The user should be aware that standard and basic bin Intel processors of this architecture support slower QPI link speeds than the advanced parts provide. Maximum Data Rate indicates that the BIOS will run the QPI links at the maximum frequency supported by the processor. Specific frequencies supported by the processor, which can vary, can also be selected. For best performance, the QPI link speed should be left at the maximized setting, for any reduction in QPI speed will affect the performance of non-local memory accesses and cache coherency traffic. In addition, access to non-local I/O devices from a particular core
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can be slowed by the reduction of QPI link speed. However, in some cases it may be advisable to reduce QPI speed where power considerations outweigh the performance cost. For users considering reducing the QPI link speeds, memory and I/O accesses should be localized to the nearest NUMA node to minimize the performance impact.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.RtidSetting (Read or Write)

<b>Description</b>	Manipulates Requestor Transaction IDs, which are QuickPath Interconnect (QPI) resources. Generally should be left at Disabled, as no workloads have been identified as benefitting from the manipulation of this feature. NOTE: Enabling this option almost always results in negative impacts to overall system performance.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.SubNumaCluster (Read or Write)

<b>Description</b>	Sub NUMA Clustering (SNC) is a feature for breaking up the LLC into disjoint clusters based on address range, with each cluster bound to a subset of the memory controllers in the system. It improves average latency to the LLC.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.ProcSettings.UpiPrefetch (Read or Write)

<b>Description</b>	UPI Prefetch is a mechanism too get the memory read started early on DDR bus, the UPI Rx path will spawn a MemSpecRd to iMC directly.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev1Settings

This group contains the attributes that provides details about BIOS.PxeDev1Settings.

## BIOS.PxeDev1Settings.PxeDev1Interface (Read or Write)

<b>Description</b>	NIC Interface used for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev1Settings.PxeDev1Protocol (Read or Write)

<b>Description</b>	This field controls the PXE protocol used for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev1Settings.PxeDev1VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev1Settings.PxeDev1VlanId (Read or Write)

<b>Description</b>	VLAN ID for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev1Settings.PxeDev1VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this PXE device.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev2Settings

This group contains the attributes that provides details about BIOS.PxeDev2SettingsBIOS.PowerManagement.

### BIOS.PxeDev2Settings.PxeDev2Interface (Read or Write)

<b>Description</b>	NIC Interface used for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.PxeDev2Settings.PxeDev2Protocol (Read or Write)

<b>Description</b>	This field controls the PXE protocol used for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.PxeDev2Settings.PxeDev2VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.PxeDev2Settings.PxeDev2VlanId (Read or Write)

<b>Description</b>	VLAN ID for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev2Settings.PxeDev2VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev3Settings

This group contains the attributes that provides details about BIOS.PxeDev3Settings.

### BIOS.PxeDev3Settings.PxeDev3Interface (Read or Write)

<b>Description</b>	NIC Interface used for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.PxeDev3Settings.PxeDev3Protocol (Read or Write)

<b>Description</b>	This field controls the PXE protocol used for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.PxeDev3Settings.PxeDev3VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.PxeDev3Settings.PxeDev3VlanId (Read or Write)

**Description** VLAN ID for this PXE device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.PxeDev3Settings.PxeDev3VlanPriority (Read or Write)

**Description** VLAN priority for this PXE device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.PxeDev4Settings

This group contains the attributes that provides details about BIOS.PxeDev4Settings.

## BIOS.PxeDev4Settings.PxeDev4Interface (Read or Write)

**Description** NIC Interface used for this PXE device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.PxeDev4Settings.PxeDev4Protocol (Read or Write)

**Description** This field controls the PXE protocol used for this PXE device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.PxeDev4Settings.PxeDev4VlanEnDis (Read or Write)

<b>Description</b>	VLAN Enable/Disable for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev4Settings.PxeDev4VlanId (Read or Write)

<b>Description</b>	VLAN ID for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.PxeDev4Settings.PxeDev4VlanPriority (Read or Write)

<b>Description</b>	VLAN priority for this PXE device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.RedundantOsControl

This group contains the attributes that provides details about BIOS.RedundantOsControl.

## BIOS.RedundantOsControl.RedundantOsBoot (Read or Write)

<b>Description</b>	When set to Enabled, the BIOS will boot to the device specified by Redundant OS Location.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.RedundantOsControl.RedundantOsLocation (Read or Write)

<b>Description</b>	Specifies the backup device for the Redundant OS Control feature. When Redundant OS Boot is set to Enabled, the BIOS will boot to this device. Note: 1) SD Card Port, Internal USB Port, M.2 cards - If a device is set as the Redundant OS Location, then the corresponding device setting will be set based on Redundant OS state and not be available to be changed in Integrated Devices. 2) Embedded SATA - must be set to anything other than Off for SATA ports to show up as optional backup devices
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.RedundantOsControl.RedundantOsState (Read or Write)

<b>Description</b>	When set to Hidden, the device specified by Redundant OS Location will be hidden. It will not be visible in the Operating System or the BIOS boot sequence.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings

Use the objects in this group to configure the BIOS SATA settings.

### BIOS.SataSettings.EmbSata (Read or Write)

<b>Description</b>	Configures the embedded SATA to be set to Off, AHCI, or RAID Mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.SataSettings.EmbSataShadow (Read or Write)

<b>Description</b>	For internal use.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.eSataPort1 (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.eSataPort1Capacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.eSataPort1DriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.eSataPort1Model (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortA (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortACapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortADriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortAModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortB (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortBCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortBDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortBModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortC (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortCapacity (Read or Write)

**Description** Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortCDriveType (Read or Write)

**Description** Indicates type of device attached to this SATA port.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortCModel (Read or Write)

**Description** Indicates the drive model of the selected device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortD (Read or Write)

**Description** Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortDCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortDDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortDModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortE (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortECapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortEDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortEModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortF (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortFCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortFDriveType (Read or Write)

**Description** Indicates type of device attached to this SATA port.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortFModel (Read or Write)

**Description** Indicates the drive model of the selected device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortG (Read or Write)

**Description** Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortGCapacity (Read or Write)

**Description** Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortGDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortGModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortH (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortHCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortHDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortHModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortI (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortICapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortIDriveType (Read or Write)

<b>Description</b>	This field indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortIModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortJ (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortJCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortJDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortJModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortK (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortKCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortKDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortKModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortL (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortLCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortLDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortLModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortM (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortMCapacity (Read or Write)

<b>Description</b>	Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortMDriveType (Read or Write)

<b>Description</b>	Indicates type of device attached to this SATA port.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortMModel (Read or Write)

<b>Description</b>	Indicates the drive model of the selected device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.SataPortN (Read or Write)

<b>Description</b>	Sets the drive type of the selected device. When the Embedded SATA setting is ATA Mode, set this field to Auto to enable BIOS support for the device. Select Off to turn off BIOS support for the device. When the Embedded SATA setting is AHCI Mode or RAID Mode, BIOS always enables support for the device and this field is read-only.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## BIOS.SataSettings.SataPortNCapacity (Read or Write)

**Description** Indicates the total capacity of a hard-disk drive. This field is undefined for removable-media devices such as optical drives.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortNDriveType (Read or Write)

**Description** Indicates type of device attached to this SATA port.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataPortNModel (Read or Write)

**Description** Indicates the drive model of the selected device.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SataSettings (Read or Write)

**Description** Controls embedded SATA settings.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SataSettings.SecurityFreezeLock (Read or Write)

**Description** When set to Enabled, the Security Freeze Lock command is sent to the Embedded SATA drives during POST. This option is only applicable to ATA, AHCI mode, and is not applicable to RAID mode.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SataSettings.WriteCache (Read or Write)

<b>Description</b>	Sends Enable or Disable Write Cache command to the Embedded SATA drives during POST. This option is only applicable to ATA, AHCI mode, and is not applicable to RAID mode.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SerialCommSettings

To manage the serial port settings, use the objects in the group.

### BIOS.SerialCommSettings.ConTermType (Read or Write)

<b>Description</b>	This field sets your remote console's terminal type. The <Ctrl><Alt><Del> key sequence is mapped to <ESC><R><ESC><r><ESC><R> on the Terminal. The <Ctrl><H>, <Ctrl><I>, <Ctrl><J>, <Ctrl><M> key sequences are mapped to <ESC><Ctrl><H>, <ESC><Ctrl><I>, <ESC><Ctrl><J>, <ESC><Ctrl><M> on the Terminal. <Alt><x> key sequences are mapped to <ESC><X><X> on the Terminal, where x is any letter key, and X is the upper case of that key.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.SerialCommSettings.ExtSerialConnector (Read or Write)

<b>Description</b>	Use this field to associate the External Serial Connector to Serial Device 1, Serial Device 2, or the Remote Access Device. Note: Only Serial Device 2 can be used for Serial Over LAN. Configuring the External Serial Connector to Serial Device 1 allows independent use of Serial Device 1 while Serial Device 2 can be used for Serial Over LAN. Please see the User's Guide for the various operating modes available.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SerialCommSettings.FailSafeBaud (Read or Write)

<b>Description</b>	If the BIOS fails to determine the baud rate automatically, then it will use the baud rate specified by this field.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SerialCommSettings.RedirAfterBoot (Read or Write)

<b>Description</b>	Determines whether console redirection is enabled when the operating system is loaded.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SerialCommSettings.SerialComm (Read or Write)

<b>Description</b>	This field controls the Serial Communication options.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SerialCommSettings.SerialCommSettings (Read or Write)

<b>Description</b>	This field controls the Serial Communication options.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SerialCommSettings.SerialPortAddress (Read or Write)

<b>Description</b>	This field sets port address for the Serial Devices. (COM1=0x3F8, COM2=0x2F8) Note: Only Serial Device 2 can be used for Serial Over LAN (SOL). To get Console Redirection via SOL, configure the same port address for Console Redirection and Serial Device.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SkHynixSmartTest

The objects in this group manage BIOS.SkHynix smart test.

## BIOS.SkHynixSmartTest.SkHynixSmartTestEnable (Read or Write)

<b>Description</b>	Enable or disable memory test during normal boot.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Auto</li><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Enabled
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Basic, iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation

This group contains the attributes that provides details about BIOS.SlotBifurcation.

## BIOS.SlotBifurcation.DellAutoDiscovery (Read or Write)

<b>Description</b>	Allow BIOS to dynamically scan for PCIe devices rather than relying strictly on system slot definitions. The Platform Default setting will strictly follow the system slot definitions when configuring each PCIe slot. The Auto Discovery setting will analyze the installed PCIe cards and determine the correct configuration for each slot. This may include bifurcation of the slot for multiple devices. Manual Control allows the user to override bifurcation settings for each slot. CAUTION: Improper configuration of PCIe slots can prevent the system from functioning properly!
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot10Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot11Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot12Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot13Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate
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to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot14Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot1Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot2Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot3Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot4Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot5Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot6Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot7Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot8Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.Slot9Bif (Read or Write)

<b>Description</b>	Controls the bifurcation of PCIe cards installed in the specified slot. When set to default, the slot will operate at the default bifurcation for that slot. When set to x4 All Bifurcation, the slot will bifurcate to either two or four x4 links depending on the slot capability. When set to x8 All Bifurcation the slot will bifurcate to two x8 links. When set to x16 All Bifurcation the slot will bifurcate to x16 links. When set to x4 x4 x8 Bifurcation the slot will bifurcate
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to two 4 links plus a x8 link When set to x8 x4 x4 Bifurcation the slot will bifurcate x8 link plus two x4 links NOTE: Only bifurcation options that the slot can support will be shown.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotBifurcation.SlotBifurcation (Read or Write)

<b>Description</b>	Controls the bifurcation of the specified slot. Only slots that are present on the system will be available for control.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement

To manage the slot disablement settings, use the objects in this group.

### BIOS.SlotDisablement.Slot1 (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.SlotDisablement.Slot10 (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is
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not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot11 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot12 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot13 (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot2 (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot3 (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot4 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot5 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot6 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its

pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot7 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot8 (Read or Write)

**Description** Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).

**NOTE:** If multiple cards from the same manufacturer are managed using the same boot driver, select `BootDriverDisabled` option for all the cards from the same manufacturer so that the Option ROM is not run.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.Slot9 (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Slot disablement must be used only when the installed peripheral card is preventing booting into the operating system or causing delays or lockups in system startup. When set to Disabled, both the Option ROM and UEFI driver are disabled, the card is not enumerated on the PCI bus, and will not be available to the operating system. When set to Boot Driver Disabled, the Option ROM and UEFI driver from that slot will not run during POST. As a result, the system will not boot from the card, and its pre-boot services will not be available. However, the card is available to the operating system. Note: This option is not available if the slot contains a Dell PowerEdge RAID card (PERC). This option is not available if the slot contains the primary video display adapter. Note: Some PCIe device manufacturers implement a master boot driver that can initialize and manage all the similar devices in the system. In this case, to make sure that the Option ROM and UEFI driver do not run, you must select Boot Driver Disabled for all the cards from the same manufacturer (including its integrated device versions such as NDCs).
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**NOTE:** If multiple cards from the same manufacturer are managed using the same boot driver, select `BootDriverDisabled` for all the cards from the same manufacturer so that the Option ROM is not run.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SlotDisablement.SlotDisablement (Read or Write)

<b>Description</b>	Controls the configuration of PCIe cards installed in the specified slot. Only slots that are present on the system will be available for control.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation

To view information about system configuration, use the objects in this group.

## BIOS.SysInformation.SysInformation (Read or Write)

<b>Description</b>	This field displays information which uniquely identifies this system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SysMfrContactInfo (Read or Write)

<b>Description</b>	Indicates the contact information of the Original Equipment Manufacturer (OEM).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SystemBiosVersion (Read or Write)

<b>Description</b>	Indicates the current version of the BIOS firmware.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SystemCpldVersion (Read or Write)

<b>Description</b>	Indicates the current firmware version of CPLD.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SystemManufacturer (Read or Write)

<b>Description</b>	Indicates the name of the Original Equipment Manufacturer (OEM).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SystemMeVersion (Read or Write)

<b>Description</b>	Indicates the current version of the Management Engine (ME) firmware.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SystemModelName (Read or Write)

<b>Description</b>	Indicates the product name of the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.SystemServiceTag (Read or Write)

<b>Description</b>	Indicates the Service Tag of a system, a unique identifier assigned by the Original Equipment Manufacturer (OEM).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysInformation.UefiComplianceVersion (Read or Write)

<b>Description</b>	Indicates the UEFI compliance level of the system firmware.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings

To manage the system profile settings, use the objects in this group.



## BIOS.SysProfileSettings.CollaborativeCpuPerfCtrl (Read or Write)

<b>Description</b>	Allows for collaboration between the operating system and the hardware to dynamically control processor frequency for optimal power efficiency. This feature works only when CPU Power Management is set to System DBPM (DAPC), or Hardware P States. Otherwise, changing this setting does not impact system power or performance. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.CpuInterconnectBusLinkPower (Read or Write)

<b>Description</b>	When enabled, CPU interconnect bus link power management is enabled
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.DeterminismSlider (Read or Write)

<b>Description</b>	It controls whether BIOS will enable determinism to control performance. Performance - BIOS will enable 100% deterministic performance control. Power - BIOS will not enable deterministic performance control.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.EnergyEfficientTurbo (Read or Write)

<b>Description</b>	Energy Efficient Turbo (EET) is a mode of operation where a processor's core frequency is adjusted within the turbo range based on workload. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.EnergyPerformanceBias (Read or Write)

<b>Description</b>	The CPU uses the setting to manipulate the internal behavior of the processor and determine whether targeting higher performance or better power savings. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.MemFrequency (Read or Write)

<b>Description</b>	Governs the BIOS memory frequency. The variables that govern maximum memory frequency include the maximum rated frequency of the DIMMs, the DIMMs per channel population, the processor choice, and this BIOS option. Additional power savings can be achieved by reducing the memory frequency, at the expense of reduced performance. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.MemPatrolScrub (Read or Write)

<b>Description</b>	Patrol Scrubbing searches the memory for errors and repairs correctable errors to prevent the accumulation of memory errors. When set to Disabled, no patrol scrubbing will occur. When set to Standard Mode, the entire memory array will be scrubbed once in a 24 hour period. When set to Extended Mode, the entire memory array will be scrubbed more frequently to further increase system reliability. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.MemPwrMgmt (Read or Write)

<b>Description</b>	When set to Enabled, the memory can operate in Power Management Mode. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.MemRefreshRate (Read or Write)

<b>Description</b>	The memory controller will periodically refresh the data in memory. The frequency at which memory is normally refreshed is referred to as 1X refresh rate. When memory modules are operating at a higher than normal temperature or to further increase system reliability, the refresh rate can be set to 2X, but may have a negative impact on memory subsystem performance under some circumstances. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.MemVolt (Read or Write)

<b>Description</b>	Sets the DIMM voltage selection. When set to Auto the system will automatically set the system voltage to the optimal setting based upon the DIMM capability and the installed DIMM population. Also enables setting the system DIMM voltage to a higher (1.5V) setting if the DIMMs support multiple voltages and have been Auto set to a lower voltage. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.MonitorMwait (Read or Write)

<b>Description</b>	Specifies whether Monitor/Mwait instructions are enabled. Monitor/Mwait is only active when C-states is set to Disabled in custom Mode. If the C-States are enabled, and the customer sets Monitor/Mwait to Disabled, Monitor/MWait is changed to Enabled in the next boot. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.PcieAspmL1 (Read or Write)

<b>Description</b>	When enabled, PCIe Advanced State Power Management (ASPM) can reduce overall system power a bit while slightly reducing system performance. NOTE: Some devices may not perform properly (they may hang or cause the system to hang) when ASPM is enabled; for this reason L1 will only be enabled for validated qualified cards.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.PowerDelivery (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.PowerSaver (Read or Write)

<b>Description</b>	When set to Enabled, maximizes power savings, at the expense of performance. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.Proc1TurboCoreNum (Read or Write)

<b>Description</b>	Controls the number of Turbo Boost enabled cores for processor 1. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.Proc2TurboCoreNum (Read or Write)

<b>Description</b>	Controls the number of Turbo Boost enabled cores for processor 2. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.Proc3TurboCoreNum (Read or Write)

<b>Description</b>	Controls the number of Turbo Boost enabled cores for processor 3. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.Proc4TurboCoreNum (Read or Write)

<b>Description</b>	Controls the number of Turbo Boost enabled cores for processor 4. By reducing the number of cores enabled with Turbo Boost, the maximum turbo frequency on the cores with Turbo Boost may be higher. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.ProcC1E (Read or Write)

<b>Description</b>	When set to Enabled, the processor is allowed to switch to minimum performance state when idle. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.ProcCStates (Read or Write)

<b>Description</b>	C States allow the processor to enter lower power states when idle. When set to Enabled (OS controlled) or when set to Autonomous (if Hardware controlled is supported), the processor can operate in all available Power States to save power, but may increase memory latency and frequency jitter. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.ProcPwrPerf (Read or Write)

<b>Description</b>	Allows selection of CPU power management methodology. System DBPM (Demand-based Power Management) utilizes a BIOS-controlled dynamic frequency manipulation scheme to save power across a variety of utilization levels as part of the Dell Advanced Power Control (DAPC) capability. The power saving features of this option typically are greatest at mid-to-lower processor utilization levels. Maximum Performance is typically selected for performance-centric workloads where it is acceptable to consume additional power to achieve the highest possible performance for the computing environment. This mode drives processor frequency to the maximum across all cores (although idled cores can still be frequency reduced by C-state enforcement through BIOS or OS mechanisms if enabled). This mode also offers the lowest latency of the CPU Power Management Mode options, so is always preferred for latency-sensitive environments. OS DBPM is another performance-per-watt option that relies on the operating system to dynamically control individual core frequency. Both Windows and Linux can take advantage of this mode to reduce frequency of idled or underutilized cores in order to save power. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.ProcTurboMode (Read or Write)

<b>Description</b>	Governs the Intel Turbo Boost Technology. This feature allows the processor cores to be automatically clocked up in frequency beyond the advertised processor speed. The amount of increased frequency (or 'turbo upside') one can expect from a Xeon processor depends on the processor model, thermal limitations of the operating environment, and in some cases power consumption. In general terms, the fewer cores being exercised with work the higher the potential turbo upside. The potential drawbacks for Turbo Boost are mainly centered on increased power consumption and possible frequency jitter than can affect a small minority of latency-sensitive environments. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.SysProfile (Read or Write)

<b>Description</b>	Allows optimizing the system for a specific profile, which presets multiple sub-options, or customizing the individual sub-options. When set to a mode other than Custom, BIOS will set each option accordingly. When set to Custom, you can change setting of each sub-option. Performance Per Watt (DAPC) represents an excellent mix of performance balanced with power consumption reduction. Dell Active Power Control (or DAPC) relies on a BIOS-centric power control mechanism which offers excellent power efficiency advantages with minimal performance impact in most environments, and is the CPU Power Management choice for this overall System Profile. Performance-per-watt (OS), otherwise known as 'OS Control', is similar to the DAPC profile for all sub-options except for the CPU Power Management. The power management scheme used for this profile is called 'OS DBPM', which allows the Operating System to manipulate processor frequencies for higher power efficiency. However, the effectiveness of this profile for reducing overall system power consumption is based on how well the Operating System is able to effectively control hardware resources, so the impacts are mixed across all supported Operating Systems Performance profile provides potentially increased performance by maximizing processor frequency and disabling certain power saving features such as C-states. Although not optimal for all environments, this is an excellent starting point for performance optimization baseline comparisons. Dense Configuration enhances reliability features and reduces power consumption at the cost of considerable performance. This profile is targeted for operating environments where enhanced reliability is desired and temperatures may exceed the thresholds encountered in less densely-packed data centers. When set to Dense Configuration mode, Memory Performance is set one speed lower than the Maximum Frequency to improve reliability. Under Custom mode when C states are enabled, Monitor/Mwait must also be enabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.SysProfileSettings (Read or Write)

<b>Description</b>	Indicates the fields by using which you can control the System Profile settings.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysProfileSettings.UncoreFrequency (Read or Write)

<b>Description</b>	Selects the Processor Uncore Frequency. Dynamic mode allows processor to optimize power resources across the cores and uncore during runtime. The optimization of the uncore frequency to either save power or optimize performance is influenced by the setting of the Energy Efficiency Policy. Read-only unless System Profile is set to Custom.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SysProfileSettings.WorkloadProfile (Read or Write)

**Description** Allows optimization of performance based on the workload type. The WorkloadProfile setting is not a 'state'. Setting a workload profile is a one-time action that in turns modifies various BIOS settings to be optimized for the requested workload type.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SysProfileSettings.WriteDataCrc (Read or Write)

**Description** When set to Enabled, DDR4 data bus faults are detected and corrected during 'write' operations. Two additional cycles are required for CRC bit generation which results in performance impact. Read-only unless System Profile is set to Custom.

**Legal Values** Not Applicable

**Default Value** Not Applicable


**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SysSecurity

To manage the system security properties of the BIOS, use the objects in this group.

 **NOTE:** After modifying the IntelTtxt attribute value, the pending flag is enabled for the dependent attributes such as TpmActivation, TpmClear, and TpmSecurity.

## BIOS.SysSecurity.AcPwrRcvry (Read or Write)

**Description** Specifies how the system reacts after AC power has been restored to the system. It is especially useful when systems are turned off with a power strip. When set to Off, the system stays off after AC power is restored. When set to On, the system turns on after AC power is restored. When set to Last, the system turns on if the system was on at the moment when AC power was lost. The system will remain off if the system was turned off when AC power was lost. In case of an ungraceful shutdown, the system always turns on.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable



## BIOS.SysSecurity.AcPwrRcvryDelay (Read or Write)

<b>Description</b>	Allows staggering of power up after AC power is restored to the system. When set to Immediate, there is no delay for power-up. When set to Random, the system creates a random delay for power-up. When set to User Defined, the system delays power-up by that amount. The system supported user defined power-up delay is defined by the User Defined Delay field.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.AcPwrRcvryUserDelay (Read or Write)

<b>Description</b>	Controls the duration for which the power-on process is delayed after the AC power supply is restored. The value is only effective if AC Power Recovery Delay is set to User Defined. The valid range is between 60s and 240s.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.AesNi (Read or Write)

<b>Description</b>	Indicates the status of the Intel Processor AES-NI feature. AES-NI improves the speed of applications by performing encryption and decryption using the Advanced Encryption Standard Instruction Set.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.AuthorizeDeviceFirmware (Read or Write)

<b>Description</b>	When set to Enabled, this field adds the SHA-256 hash of each third-party device firmware to the Secure Boot Authorized Signature Database. After the hashes are added, the field automatically reverts to Disabled. Note: This field is read-only unless Secure Boot is Enabled and Secure Boot Policy is Custom. This field is available only in secure system management consoles.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.BiosUpdateControl (Read or Write)

<b>Description</b>	When set to Unlocked, all BIOS update will be allowed. When set to Limited, local BIOS updates from DOS or UEFI shell based flash utilities, or from Lifecycle Controller User Interface are prohibited. Limited is recommended for environments that do not require local BIOS updates. These environments include Remote Enablement Update or executing Update Package from the OS.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.BootmanagerPassword (Read or Write)

<b>Description</b>	Bootmanager password option is available only when Setup Password is enabled. If set to Always, setup password must be entered for accessing Boot Manager. If set to Never, setup password need not be entered for accessing Boot Manager, One-shot UEFI Boot Menu.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.InBandManageabilityInterface (Read or Write)

<b>Description</b>	When set to Disabled, this setting will hide the Management Engine's (ME) HECI devices and the system's IPMI devices from the operating system. This prevents the operating system from changing the ME power capping settings, and blocks access too all in-band management tools. All management must be managed via out-of-band. Note: BIOS update requires HECI devices to be operational and DUP updates require IPMI interface to be operational. This setting needs to be set to Enabled to avoid update errors.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.IntelSgx (Read or Write)

<b>Description</b>	Allows enabling or disabling of the Intel Software Guard Extension (SGX) Technology. When set to Off, BIOS disables the SGX technology. When set to On, BIOS enables the SGX technology. When set to Software, allows application to enable the SGX technology.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.IntelTxt (Read or Write)

**Description** Allows enabling or disabling of the Intel Trusted Execution Technology (TXT). To enable Intel TXT, Virtualization Technology must be enabled, TPM Security must be set to On with Pre-boot Measurements, and TPM Status must be Enabled, Activated. When using TPM2, the hash algorithm must be set to SHA256.

**NOTE:** When the IntelTxt value is set to 'on', then the following values are set:  
**TpmActivation=NoChange (Pending Value=NoChange), TpmClear=No (Pending Value=No),  
TpmSecurity=OnPbm (Pending Value=OnPbm).**

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.NewSetupPassword (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.NewSysPassword (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.NmiButton (Read or Write)

<b>Description</b>	Allows enabling or disabling of the NMI button on the front panel.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.OldSetupPassword (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.OldSysPassword (Read or Write)

### Description

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.PasswordStatus (Read or Write)

### Description

When set to Unlocked the system password can be changed without entering the setup password. This allows an administrator to maintain a setup password to protect against unauthorized BIOS Setup changes, while a user can freely change the system password. When set to Locked, the setup password must be entered to change the system password. To prevent the system password from being modified without providing the setup password, set this option to Locked and enable the setup password.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.PwrButton (Read or Write)

### Description

Allows enabling or disabling of the power button on the front panel.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SecureBoot (Read or Write)

### Description

Allows enabling of Secure Boot, where the BIOS authenticates each component that is executed during the boot process using the certificates in the Secure Boot Policy. The following components are validated in the boot

process: - UEFI drivers that are loaded from PCIe cards - UEFI drivers and executables from mass storage devices  
- Operating system boot loaders Note: Secure Boot is not available unless the Boot Mode (in the Boot Settings menu) is set to UEFI. Note: Secure Boot is not available unless the Load Legacy Video Option ROM setting (in the Miscellaneous Settings menu) is disabled. Note: You should create a setup password if you enable Secure Boot.

**NOTE:** `BiosBootSettings.Bootmode` must be set to UEFI and `MiscSettings.ForceInt10` must be Disabled to operate this property.

**NOTE:** This attribute cannot be disabled by using the Local RACADM.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SecureBootMode (Read or Write)

**Description** This field configures how the BIOS uses the Secure Boot Policy Objects (PK, KEK, db, dbx). In Setup Mode and Audit Mode, PK is not present, and BIOS does not authenticate programmatic updates to the policy objects. In User Mode and Deployed Mode, PK is present, and BIOS performs signature verification on programmatic attempts to update policy objects. Deployed Mode is the most secure mode. Use Setup, Audit, or User Mode when provisioning the system, then use Deployed Mode for normal operation. Available mode transitions depend on the current mode and PK presence. Refer to Figure 77 in the UEFI 2.6 specification for more information on transitions between the four modes. In Audit Mode, the BIOS performs signature verification on pre-boot images and logs results in the Image Execution Information Table, but executes the images whether they pass or fail verification. Audit Mode is useful for programmatically determining a working set of policy objects.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SecureBootPolicy (Read or Write)

**Description** Allows selecting the Secure Boot Policy. When set to Standard, the BIOS uses the key and certificates from the system manufacturer to authenticate pre-boot images. When set to Custom, the BIOS uses the user-customized key and certificates. Note: If Custom mode is selected, the Secure Boot Custom Policy Settings menu is displayed. Note: Changing the default security certificates may cause the system to fail booting from certain boot options.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SetupPassword (Read or Write)

**Description** The setup password is the password that must be entered to change any BIOS settings. However, the system password can be changed without entering the correct setup password if Password Status is set to Unlocked. The password is read-only if the password jumper (PWRD\_EN) is not installed in the system.

<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SHA256SetupPassword (Read or Write)

<b>Description</b>	SHA256 hash of the setup password.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SHA256SetupPasswordSalt (Read or Write)

<b>Description</b>	Salt for hash of the setup password.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SHA256SystemPassword (Read or Write)

<b>Description</b>	SHA256 hash of the system password.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SHA256SystemPasswordSalt (Read or Write)

<b>Description</b>	Salt for hash of the system password.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable

<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SignedFirmwareUpdate (Read or Write)

<b>Description</b>	When set to Enabled, this option supports the signed BIOS update feature. Warning! Once enabled, this option cannot be disabled. Note: When change the item from disabled to enabled, there will pup-up a Warning message: WARNING: This option enables the signed BIOS update feature. Once enabled, the BIOS will no longer support rollbacks to an unsigned image.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SysPassword (Read or Write)

<b>Description</b>	The system password is the password that must be entered to allow the system to boot to an operating system. The password is read-only if the password jumper (PWRD_EN) is not installed in the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.SysSecurity (Read or Write)

<b>Description</b>	Controls the security features of the system.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TcmActivation (Read or Write)

<b>Description</b>	Indicates the operational state of the Trusted Cryptography Module (TCM). When set to Activate, the TCM will be enabled and activated. When set to Deactivate, the TCM will be disabled and deactivated. When set to No Change, the operational state of the TCM remains unaltered. This field is read-only when TCM Security is set to Off.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TcmClear (Read or Write)

<b>Description</b>	WARNING: Clearing the Trusted Cryptography Module (TCM) will clear all keys in the TCM. This could affect booting to the Operating System (OS). When set to Yes, all the contents of the TCM will be cleared. This field is Read-Only when TCM Security is set to Off.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TcmSecurity (Read or Write)

<b>Description</b>	Controls the reporting of the Trusted Cryptography Module (TCM) in the system. When set to Off, presence of the TCM is not reported to the Operating System (OS). When set to On, presence of the TCM is reported to the OS.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.Tpm2Hierarchy (Read or Write)

<b>Description</b>	Allows enabling, disabling, or clearing the storage and endorsement hierarchies. When set to Enabled, the storage and endorsement hierarchies can be used. When set to Disabled, the storage and endorsement hierarchies cannot be used. When set to Clear, the storage and endorsement hierarchies are cleared of any values, and then reset to Enabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TpmActivation (Read or Write)

<b>Description</b>	This field allows changing the operational state of the Trusted Platform Module (TPM). When set to Activate, the TPM will be enabled and activated. When set to Deactivate, the TPM will be disabled and deactivated. When set to No Change, the operational state of the TPM remains unaltered. This field is Read-Only when TPM Security is set to Off.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable



<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TpmClear (Read or Write)

<b>Description</b>	WARNING: Clearing the Trusted Platform Module (TPM) will cause loss of all keys in the TPM. This could affect booting to the Operating System (OS). When set to Yes, all the contents of the TPM will be cleared. This field is read-only when TPM Security is set to Off.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TpmCommand (Read or Write)

<b>Description</b>	Controls the Trusted Platform Module (TPM). When set to None, no command is sent to the TPM. When set to Activate, the TPM will be enabled and activated. When set to Deactivate, the TPM will be disabled and deactivated. When set to Clear, all the contents of the TPM will be cleared. WARNING: Clearing the TPM will result in losing all keys in the TPM. This could affect booting to the OS. This field is read-only when TPM Security is set to Off. The action requires an additional reboot before it can take effect.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TpmFirmware (Read or Write)

<b>Description</b>	Indicates the firmware version of the Trusted Platform Module (TPM).
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.SysSecurity.TpmInfo (Read or Write)

<b>Description</b>	Indicates the type of Trusted Platform Module, if present.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SysSecurity.TpmSecurity (Read or Write)

**Description** Controls the reporting of the Trusted Platform Module (TPM) in the system. When set to Off, presence of the TPM is not reported to the Operating System (OS). When set to On with Pre-boot Measurements, BIOS will store Trusted Computing Group (TCG) compliant measurements to the TPM during POST. When set to On without Pre-boot Measurements, BIOS will bypass most pre-boot measurements. When set to On, presence of the TPM is reported to the OS and available for use.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SysSecurity.TpmStatus (Read or Write)

**Description** Displays the current status of the Trusted Platform Module (TPM), and is applicable only for TPM 1.2. If the TPM is not present or TPM Security is set to Off, the value is set to Unknown.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.SysSecurity.UefiVariableAccess (Read or Write)

**Description** Provides varying degrees of securing UEFI variables. When set to Standard, UEFI variables are accessible and can be modified in the Operating System (OS) per the UEFI specification. When set to Controlled, select UEFI variables are protected and cannot be modified in an OS environment. New UEFI boot entries are forced to be at the end of the current boot order.

**Legal Values** Not Applicable

**Default Value** Not Applicable

**Write Privilege** Server Control

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## BIOS.TpmAdvancedSettings

This group contains the attributes that provides details about BIOS.TpmAdvancedSettings.

## BIOS.TpmAdvancedSettings.Tpm2Algorithm (Read or Write)

<b>Description</b>	Allows the user to change the cryptographic algorithms used in the Trusted Platform Module (TPM). The available options are dependent on the TPM firmware. To enable TPM2 Algorithm Selection, Intel(R) TXT technology must be disabled.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.TpmAdvancedSettings.TpmPpiBypassClear (Read or Write)

<b>Description</b>	When set to Enabled, allows the Operating System to bypass Physical Presence Interface (PPI) prompts when issuing PPI Advanced Configuration and Power Interface (ACPI) clear operations.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.TpmAdvancedSettings.TpmPpiBypassProvision (Read or Write)

<b>Description</b>	When set to Enabled, allows the Operating System to bypass Physical Presence Interface (PPI) prompts when issuing PPI Advanced Configuration and Power Interface (ACPI) provisioning operations.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSeqEnDis

This group contains the attributes that provides details about BIOS.UefiBootSeqEnDis.

## BIOS.UefiBootSeqEnDis.UefiBootSeqEnDis (Read or Write)

<b>Description</b>	This field allows a boot option to be enabled or disabled. When disabled, the device will be skipped in the boot sequence when booting to the OS.
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<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings

This group contains the attributes that provides details about BIOS.UefiBootSettings.

### BIOS.UefiBootSettings.UefiBootSeq (Read or Write)

<b>Description</b>	This field controls the UEFI boot order. The first option in the list will be attempted first, and if unsuccessful, the second option will be attempted and so on. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.UefiBootSettings.UefiBootSeqEnDis1 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### BIOS.UefiBootSettings.UefiBootSeqEnDis10 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis11 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis12 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis13 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis14 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis15 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis16 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis17 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis18 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis19 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis2 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis20 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis3 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis4 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis5 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## BIOS.UefiBootSettings.UefiBootSeqEnDis6 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis7 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis8 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDis9 (Read or Write)

<b>Description</b>	This field enables or disables this boot option in the UEFI Boot Sequence. The system will attempt to launch enabled boot options only; it will not launch disabled boot options. This field applies only when Boot Mode is 'UEFI'; it has no effect when Boot Mode is 'BIOS'.
<b>Legal Values</b>	Not Applicable

<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSeqEnDisRef (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiBootSettings (Read or Write)

<b>Description</b>	This field controls system boot settings when Boot Mode is set to 'UEFI'. This field has no effect when Boot Mode is set to 'BIOS'.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## BIOS.UefiBootSettings.UefiPxelpVersion (Read or Write)

<b>Description</b>	This field enables you to select IPv4 PXE booting (default) or IPv6 PXE booting when in 'UEFI' Boot Mode. This field is disabled in 'BIOS' Boot Mode. Changing this field will cause the PXE options in the UEFI Boot Sequence to be replaced on the next reboot.
<b>Legal Values</b>	Not Applicable
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC Attributes

## Topics:

- NIC.ConfigureFormn
- NIC.DCBSettings
- NIC.DeviceLevelConfig
- NIC.FCOECapabilities
- NIC.FCOEConfiguration
- NIC.FCOEGenParams
- NIC.FrmimgMenu
- NIC.GlobalBandwidthAllocation
- NIC.iSCSIConfig
- NIC.IscsiFirstTgtParams
- NIC.IscsiGenParams
- NIC.IscsiInitiatorParams
- NIC.IscsiSecondaryDeviceParams
- NIC.IscsiSecondTgtParams
- NIC.NICConfig
- NIC.NICPartitioningConfig
- NIC.PortLevelConfig
- NIC.VndrConfigGroup

## NIC.ConfigureFormn

The following section provides information about the objects in the `NIC.ConfigureFormn` group.

**i** **NOTE:** Autocomplete will not work if you replace `n` with the index in this object. You have to type `NIC.ConfigureFormn` and press tab to view the list of attributes.

## NIC.ConfigureFormn.BusDeviceFunction (Read Only)

<b>Description</b>	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier. If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier. Replace <code>n</code> with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.FCoEOffloadMode (Read or Write)

<b>Description</b>	Enable/Disable the FCoE personality on the partition. Replace <code>n</code> with the number of the partition.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Enabled</li> <li>• Disabled</li> </ul>

<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.FIPMacAddr (Read Only)

<b>Description</b>	Permanent FIP-MAC address for FCoE assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.InstanceNumber (Read Only)

<b>Description</b>	Numeric instance of the partition (e.g. 1st, 2nd, etc.) on the port it belongs to. This identifier is unique for each partition on the port. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.IscsiFIPMacAddr (Read Only)

<b>Description</b>	Permanent combination MAC address for iSCSI offload and FIP for FCoE assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.IscsiMacAddr (Read Only)

<b>Description</b>	Permanent MAC address for iSCSI offload assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None

<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.iScsiOffloadMode (Read or Write)

<b>Description</b>	Enable/Disable the iSCSI offload personality on the partition. Replace n with the number of the partition.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.L2FIPMacAddr (Read Only)

<b>Description</b>	Permanent combination Ethernet and FIP-MAC address for FCoE assigned during manufacturing. Specified on a per partition basis. Replace n with the number of the partition. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.L2IscsiFIPMacAddr (Read Only)

<b>Description</b>	The Permanent combination Ethernet, iSCSI Offload and FIP for FCoE MAC address of the partition assigned during manufacturing. Replace n with the number of the partition. The current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.L2IscsiMacAddr (Read Only)

<b>Description</b>	The Permanent combination Ethernet and iSCSI Offload MAC address of the partition assigned during manufacturing. Replace n with the number of the partition. The current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.MacAddr (Read Only)

<b>Description</b>	The Permanent MAC address of the partition assigned during manufacturing. Replace n with the number of the partition. The current address value should be readable at all times, irrespective of feature and partition enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.NicMode (Read or Write)

<b>Description</b>	Enable/Disable the NIC personality on the partition. Replace n with the number of the partition. Note: This personality type should be specified as the partition 1 default if RDMA is not supported or has dependencies on other device modes or settings. The default setting should be disabled for other partitions on the port.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.NumberVFAdvertised (Read or Write)

<b>Description</b>	This value is the number of PCI Virtual Functions Advertised by the partition in PCI config space when operating in the NPar+SR-IOV virtualization mode. The value of this attribute may be the same across partitions or be settable on an individual partition basis depending on implementation. Note: This attribute is only defined for the browser and does NOT have any x-UEFI mapping. VF allocation is set via the VFDistribution attribute in x-UEFI. There will be an instance of this attribute for each partition. Replace n in the AttributeName with the number of the partition.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· N/A</li> </ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.NumberVFSupported (Read Only)

<b>Description</b>	The number of Virtual Functions supported per partition. There will be an instance of this attribute for each partition. Replace n in the AttributeName with the number of the partition.
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<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.PCIDeviceID (Read Only)

<b>Description</b>	PCI Device ID of the partition. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.PortNumber (Read Only)

<b>Description</b>	Port that the partition belongs to. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.SVID (Read or Write)

<b>Description</b>	When Switch Dependent Partitioning (SDP) is enabled, each partition will be assigned a pre-set Switch VLAN Identifier (SVID). The partitions are available for mapping to uplink ports at server I/O Module (IOM) as part of partition zoning. All packets sent from the switch to the NIC must be S-tagged when in SDP mode is enabled. Non-tagged packets will be dropped. When SDP is disabled SVID will be greyed out or disabled. There will be an instance of this attribute for each partition. Replace n with the number of the partition. The default value shall be number of the partitioning starting from 1001.
<b>Legal Values</b>	None
<b>Default Value</b>	1,001,100,210,031,000
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.VirtFIPMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VVWNN and VVWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's.
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If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.

<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.VirtIscsiFIPMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable combination iSCSI Offload and FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
--------------------	--

<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.VirtIscsiMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable MAC address for iSCSI offload. Programmatic write for support of I/O Identity feature. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
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<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.VirtL2FIPMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable combination FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.
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<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise



**Dependency** Not applicable

## NIC.ConfigureFormn.VirtL2IscsiFIPMacAddr (Read or Write)

**Description** Programmatically assignable combination Ethernet, iSCSI Offload and FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.

**Legal Values** None

**Default Value** 00:00:00:00:00:00

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.ConfigureFormn.VirtL2IscsiMacAddr (Read or Write)

**Description** Programmatically assignable combination MAC address for Ethernet and iSCSI offload. Programmatic write for support of I/O Identity feature. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.

**Legal Values** None

**Default Value** 00:00:00:00:00:00

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.ConfigureFormn.VirtMacAddr (Read or Write)

**Description** Programmatically assignable MAC address. Programmatic write for support of I/O Identity feature. Replace n with the number of the partition. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature and partition enablement.

**Legal Values** None

**Default Value** 00:00:00:00:00:00

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.ConfigureFormn.VirtWWN (Read or Write)

<b>Description</b>	Programmatically assignable Fibre Channel World Wide Node Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addresss as defined in Y741D. Replace n with the number of the partition. The supported method of clearing this virtual address is by writing 0's as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. .
<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.VirtWWPN (Read or Write)

<b>Description</b>	Programmatically assignable Fibre Channel World Wide Port Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addresss as defined in Y741D. Replace n with the number of the partition. The supported method of clearing this virtual address is by writing 0's as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's.
<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.WWN (Read Only)

<b>Description</b>	Fibre Channel World Wide Node Name identifier for FCoE. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.ConfigureFormn.WWPN (Read Only)

<b>Description</b>	Fibre Channel World Wide Port Name identifier for FCoE assigned during manufacturing. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.DCBSettings

The following section provides information about the objects in the `NIC.DCBSettings` group.

## NIC.DCBSettings.CongestionNotification (Read Only)

<b>Description</b>	Indicates whether Congestion Notification capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.EnhancedTransmissionSelection (Read Only)

<b>Description</b>	Indicates whether Enhanced Transmission Selection capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.LocalDCBXWillingMode (Read or Write)

<b>Description</b>	Indicates whether or not the controller will accept DCB configuration parameters from the link partner as defined in DCBX. Note: Only controllers that allow the disablement of Willing Mode should implement this and the associated Priority Group protocol and bandwidth attributes.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Enabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityFlowControl (Read Only)

<b>Description</b>	Indicates whether the Priority Flow Control capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup0BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 0. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup0ProtocolAssignment (Read or Write)

<b>Description</b>	Indicates what protocol is assigned to Priority Group 0.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· All other LAN</li><li>· iSCSI</li><li>· FCoE</li><li>· RoCE</li><li>· None</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup15BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 15. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup15ProtocolAssignment (Read or Write)

<b>Description</b>	Indicates what protocol is assigned to Priority Group 15.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· All other LAN</li><li>· iSCSI</li><li>· FCoE</li><li>· RoCE</li><li>· None</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup1BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 1. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup1ProtocolAssignment (Read or Write)

<b>Description</b>	Indicates what protocol is assigned to Priority Group 1.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· All other LAN</li><li>· iSCSI</li><li>· FCoE</li><li>· RoCE</li><li>· None</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup2BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 2. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup2ProtocolAssignment (Read or Write)

<b>Description</b>	Indicates what protocol is assigned to Priority Group 2.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· All other LAN</li><li>· iSCSI</li><li>· FCoE</li><li>· RoCE</li><li>· None</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup3BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 3. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup3ProtocolAssignment (Read or Write)

<b>Description</b>	Indicates what protocol is assigned to Priority Group 3.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· All other LAN</li><li>· iSCSI</li></ul>

- FCoE
- RoCE
- None

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup4BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 4. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup4ProtocolAssignment (Read or Write)

<b>Description</b>	Indicates what protocol is assigned to Priority Group 4.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· All other LAN</li> <li>· iSCSI</li> <li>· FCoE</li> <li>· RoCE</li> <li>· None</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup5BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 5. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DCBSettings.PriorityGroup5ProtocolAssignment (Read or Write)

**Description** Indicates what protocol is assigned to Priority Group 5.

**Legal Values**

- All other LAN
- iSCSI
- FCoE
- RoCE
- None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DCBSettings.PriorityGroup6BandwidthAllocation (Read or Write)

**Description** Indicates the percentage of total port bandwidth is assigned to Priority Group 6. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DCBSettings.PriorityGroup6ProtocolAssignment (Read or Write)

**Description** Indicates what protocol is assigned to Priority Group 6.

**Legal Values**

- All other LAN
- iSCSI
- FCoE
- RoCE
- None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable



## NIC.DCBSettings.PriorityGroup7BandwidthAllocation (Read or Write)

<b>Description</b>	Indicates the percentage of total port bandwidth is assigned to Priority Group 7. The summation of bandwidth allocations from all Priority Groups must equal 100%. Note: NO X-UEFI Mapping
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroup7ProtocolAssignment (Read or Write)


<b>Description</b>	Indicates what protocol is assigned to Priority Group 7.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· All other LAN</li><li>· iSCSI</li><li>· FCoE</li><li>· RoCE</li><li>· None</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DCBSettings.PriorityGroupBandwidthAllocation (Read or Write)

<b>Description</b>	Defines the allocation of network port bandwidth by Priority Group. Bandwidth allocation values are provided in a colon-separated list for all Priority Groups without omission. Values in the list from left to right apply to PG0-7 and PG15 inclusively (e.g. PG0BW:PG1BW:PG2BW:PG3BW:PG4BW:PG5BW:PG6BW:PG7BW:PG15BW). The sum of all Priority Group allocations must equal 100.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig

The following section provides information about the objects in the `NIC.DeviceLevelConfig` group.

 **NOTE:** To get the actual supported values for BIOS, NIC, and FC components, query the help with an index. If you query without an index, the generic help is displayed.

## NIC.DeviceLevelConfig.ConfigureLogicalPortsSupport (Read Only)

<b>Description</b>	Indicates whether the device supports ability to configure number of logical ports. Logical ports map 1:1 or N:1 to physical ports.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	Unavailable
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.EVBModesSupport (Read Only)

<b>Description</b>	Indicates the type of EVB Modes supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· VEB</li><li>· VEPA</li><li>· PE</li><li>· Multi-channel</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.MaxNumberVFSupportedByDevice (Read Only)

<b>Description</b>	KILL - DUPLICATE OF NumberVFSupported
<b>Legal Values</b>	None
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NetworkPartitioningMode (Read or Write)

<b>Description</b>	This attribute governs whether an NPAR-enabled adapter operates in Switch Independent Partitioning, or Switch Dependent Partitioning mode. Preliminary attribute definition only, based on information available at the time of publication. Subject to change.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Switch Independent Partitioning</li><li>· Switch Dependent Partitioning</li></ul>

<b>Default Value</b>	SIP
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NICPartitioningConfig (Read Only)

<b>Description</b>	The HII form for NIC Partitioning Configuration.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NParEP (Read or Write)

<b>Description</b>	Controls enablement of NParEP mode in which more than 8 PCI Physical Functions are exposed by the device. When disabled, the device must expose only a maximum of 8 PFs in the traditional PCI B:D:F addressing mode, regardless of any ARI capability being advertised for SR-IOV support. [Not to be implemented if not supported] Note: Not all PCI slots in all servers are capable of supporting virtualization features based on ARI and SR-IOV. The controller should check PCI config space settings to ensure that virtualization modes are available before allowing their selection by the user.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NPCP (Read or Write)

<b>Description</b>	Allows the use of Network Partition Control Protocol to be enabled or disabled when a network adapter is operating in Switch Dependent Partitioning mode. Note: Preliminary attribute definition only, based on the information available at the time of publication. Subject to change.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Enabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NumberPCIFunctionsSupported (Read Only)

<b>Description</b>	Defines the maximum number of PFs that can be enabled within the domain specified by VFAllocBasis.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NumberVFSupported (Read Only)

<b>Description</b>	The total number of PCI Virtual Functions supported on this port (or device). Whether the number applies to the device as a whole, or to an individual port, is indicated by the value of the Virtual Function Allocation Basis.
<b>Legal Values</b>	. N/A
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.NumPorts (Read or Write)

<b>Description</b>	Configuration control for Controllers that have the ability to support multiple ports per SFF or backplane interface. Controllers that are fixed in their number of ports shall not implement this attribute
<b>Legal Values</b>	. 1 . 2 . 4 . 8
<b>Default Value</b>	varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.PartitionStateInterpretation (Read Only)

<b>Description</b>	Describes how partitioning is implemented and how the PartitionState attribute is used in the controller. A value of Fixed signifies that partition states are locked and that the current values of PartitionState[n] will not change. A value of Variable signifies that PartitionState[n] may/will change values during the course of device operation as a result of user configuration. Implementations that support changes in PartitionState must implement this attribute. The Default value is implementation dependent.
<b>Legal Values</b>	. Fixed . Variable

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.RDMAApplicationProfile (Read or Write)

**Description** Indicates what RDMA configuration profiles are supported by the controller. [Vendor input requested if 1) additional profiles are thought to be needed, 2) if the appl profile can vary by port or partitionm and 3) if appl profiles are supported on a partition basis]. Note: RoCE 1 and RoCE 2 are vendor-specific profiles and should not be interpreted as a version of RoCE.

**Legal Values**

- Storage
- HPCC
- RoCE 1
- RoCE 2

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.RDMAProtocolSupport (Read Only)

**Description** Indicates what RDMA protocol support is enabled by the controller. Implement as ReadOnly and browser suppressed if the controller only supports one type of RDMA; R/W and not browser suppressed if multiple settings are supported and selectable. [Vendor to provide default setting information]

**Legal Values**

- iWARP
- RoCE
- iWARP + RoCE

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.DeviceLevelConfig.SRIOVSupport (Read Only)

**Description** Indicates whether SR-IOV capability is supported

**Legal Values**

- Available
- Unavailable

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DeviceLevelConfig.TotalNumberLogicalPorts (Read or Write)

**Description** Indicates total number of logical ports across all physical ports that are supported per device. Logical ports are distributed equally across physical ports

**Legal Values**

- 2
- 8

**Default Value** 2

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DeviceLevelConfig.VFAllocBasis (Read Only)

**Description** Defines the domain in which Virtual Functions are allocated; either Port or Device. Note: A device which implements less than 1 PF per physical port must use Device level VF allocation.

**Legal Values**

- Port
- Device

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DeviceLevelConfig.VFAllocMult (Read Only)

**Description** Defines the multiple (e.g. x1, x4, x8, etc.) in which VFs must be allocated to a PF.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.DeviceLevelConfig.VirtualizationMode (Read or Write)

**Description** The Virtualization Mode setting for the device. Note: Not all PCI slots in all servers are capable of supporting virtualization features based on ARI and SR-IOV. The implementation shall check the state of the ARI forwarding bit in the immediate upstream PCI port's config space settings (Device Control Register 2, bit 5) to ensure that it is set before allowing the selection of SR-IOV and NParEP by the user, if not, those selections shall be disallowed.

**Legal Values**

- None
- NPar
- SR-IOV

- NPar + SR-IOV

<b>Default Value</b>	NONE
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

**i** **NOTE:** For Emulex cards, the `VirtualizationMode` attribute is found under the `VndrConfigPage` group instead of the `DeviceLevelConfig` group.

## NIC.FCOECapabilities

The following section provides information about the objects in the `NIC.FCOECapabilities` group.

### NIC.FCOECapabilities.AddressingMode (Read Only)

<b>Description</b>	Addressing Mode utilized for FCoE transactions
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· SPMA</li> <li>· FPMA</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.FCOECapabilities.MaxFrameSize (Read Only)

<b>Description</b>	The maximum frame size of each FCoE frame.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.FCOECapabilities.MaxIOsPerSession (Read Only)

<b>Description</b>	The maximum number of IOs supported per session.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOECapabilities.MaxNPIVPerPort (Read Only)

<b>Description</b>	The maximum number of NPIV WWNs per port.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOECapabilities.MaxNumberExchanges (Read Only)

<b>Description</b>	The maximum number of exchanges supported.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOECapabilities.MaxNumberLogins (Read Only)

<b>Description</b>	The maximum number of logins supported per port.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOECapabilities.MaxNumberOfFCTargets (Read Only)

<b>Description</b>	The maximum number of FC targets supported.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOECapabilities.MaxNumberOutStandingCommands (Read Only)

<b>Description</b>	The maximum number of outstanding commands supported across all sessions.
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<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOECapabilities.MTUReconfigurationSupport (Read Only)

**Description** Indicates whether the MTU Reconfiguration capability is supported.

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.FCOEConfiguration

The following section provides information about the objects in the NIC.FCOEConfiguration group.

### NIC.FCoEConfiguration.BootOrderFirstFCoETarget (Read or Write)

**Description** Setting to specify whether and in what order a boot from the port's first defined target is attempted. The current implementation allows for four potential boot targets to be defined per FCoE boot-capable port. Each target carries a boot order attribute. From all of the targets defined in all the vendors FCoE boot ports in the system, the user may select a maximum of four targets to attempt to boot from, assigning a boot order value from one to four (first to last). Targets not selected must be given a value of 0. The settings of one to four must be unique in the system; there must be no duplication of the values one to four in either the same port or in different ports across the system. The driver will enforce this requirement (a target previously assigned a boot order value of x is set to 0 when a new target is assigned a value of x).

**Legal Values**

- N/A

**Default Value** 0

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

### NIC.FCoEConfiguration.BootOrderFourthFCoETarget (Read or Write)

**Description** Setting to specify whether and in what order a boot from the ports fourth defined target is attempted.

**Legal Values**

- N/A

<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.BootOrderSecondFCoETarget (Read or Write)

<b>Description</b>	Setting to specify whether and in what order a boot from the ports second defined target is attempted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· N/A</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.BootOrderThirdFCoETarget (Read or Write)

<b>Description</b>	Setting to specify whether and in what order a boot from the port's third defined target is attempted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· N/A</li></ul>
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.ConnectFirstFCoETarget (Read or Write)

<b>Description</b>	Setting to enable whether first target connection is attempted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.FCoEGenParams (Read Only)

<b>Description</b>	HII form for FCoE General Parameters configuration.
<b>Legal Values</b>	None

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.FCoEGenParamsRef (Read Only)

<b>Description</b>	Link to the FCoE General Parameters configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.FirstFCoEBootTargetLUN (Read or Write)

<b>Description</b>	LUN of the first FCoE storage target that the FCoE initiator will boot the system from when the Connect attribute is enabled.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.FirstFCoEFCFVLANID (Read or Write)

<b>Description</b>	Attribute for configuring the VLAN ID to be used to connect to the first FC storage target.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.FirstFCoEWWPNTarget (Read or Write)

<b>Description</b>	World Wide Port Name of the first FCoE storage target. Note: At present, the Dell FCoE information model only defines one storage target.
<b>Legal Values</b>	None

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEConfiguration.MTUParams (Read or Write)

<b>Description</b>	Configure scoping of the MTU setting.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Global</li> <li>· Per DCB Priority</li> <li>· Per VLAN</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCOEGenParams

The following section provides information about the objects in the `NIC.FCOEGenParams` group.

## NIC.FCoEGenParams.FCoEBootScanSelection (Read or Write)

<b>Description</b>	Configuration of the port's behavior in booting the system from FC Target(s). Only behaviors supported by the option-ROM need to be implemented. In the following cases, no fabric discovery shall be attempted: Disabled - Initiator does not attempt to boot. Specified LUN - Initiator attempts to boot to the specified World Wide Port Name and LUN for 1st target, if that fails then a boot using the 2nd target parameters shall be attempted. In the following cases, fabric discovery shall be attempted and the resulting discovered targets will be put in a list sorted by the reported FC destination ID. This list will be checked in order until the selected LUN policy is met: First LUN - attempt boot from the first bootable LUN of the targets discovered by adapter. First LUN 0 - attempt boot from the first bootable LUN 0 of the targets discovered by adapter. First LUN Not LUN 0 - attempt boot from the first bootable LUN that is not LUN 0 of the targets discovered by adapter. Fabric Discovered LUN - attempt boot based on the LUN assignment provided by management infrastructure in the fabric.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Disabled</li> <li>· First LUN</li> <li>· First LUN 0</li> <li>· First LUN Not LUN 0</li> <li>· Fabric Discovered LUN</li> <li>· Specified LUN</li> </ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEGenParams.FCoEFabricDiscoveryRetryCnt (Read or Write)

<b>Description</b>	Retry count for FCoE fabric discovery.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEGenParams.FCoEFirstHddTarget (Read or Write)

<b>Description</b>	Specifies whether the FCoE target is represented as the first HDD to the system.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEGenParams.FCoELnkUpDelayTime (Read or Write)

<b>Description</b>	Controls how long the FCoE initiator waits, in seconds, after an Ethernet link is established before sending any data over the network
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEGenParams.FCoELunBusyRetryCnt (Read or Write)

<b>Description</b>	Controls the number of connection retries the FCoE boot initiator will attempt if the FCoE target LUN is busy.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FCoEGenParams.FCoETgtBoot (Read or Write)

<b>Description</b>	Attribute for setting whether system boot to the FCoE target is attempted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li><li>· One Time Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.FrmimgMenu

The following section provides information about the objects in the `NIC.FrmimgMenu` group.

### NIC.FrmwImgMenu.ControllerBIOSVersion (Read Only)

<b>Description</b>	Controller BIOS version information
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.FrmwImgMenu.EFIVersion (Read Only)

<b>Description</b>	EFI device driver version information.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.FrmwImgMenu.FamilyVersion (Read Only)

<b>Description</b>	Firmware family version information. Same as what is returned in the <code>PackageVersionName</code> field by the Firmware Management Protocol <code>GetPackageInfo()</code> call.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.GlobalBandwidthAllocation

The following section provides information about the objects in the `NIC.GlobalBandwidthAllocation` group.

## NIC.GlobalBandwidthAllocation.MaxBandwidth (Read or Write)

<b>Description</b>	The maximum percentage of port TX bandwidth allocated to the partition. Oversubscription is allowed. Specified on a per partition basis. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	100
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.GlobalBandwidthAllocation.MinBandwidth (Read or Write)

<b>Description</b>	The minimum percentage of port TX bandwidth allocated to the partition. Alternatively, this value represents a relative bandwidth weighting of partition traffic to other partitions. Specified on a per partition basis. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.iSCSIConfig

The following section provides information about the objects in the `NIC.iSCSIConfig` group.

## NIC.iSCSIConfig.IscsiFirstTgtParams (Read Only)

<b>Description</b>	HII form title for the first iSCSI target configuration parameters.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiFirstTgtParamsRef (Read Only)

<b>Description</b>	Link to the iSCSI First Target Parameters configuration form.
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<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiGenParams (Read Only)

<b>Description</b>	HII form title for the iSCSI General Parameters configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiGenParamsRef (Read Only)

<b>Description</b>	Link to the iSCSI General Parameters configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiInitiatorParams (Read Only)

<b>Description</b>	HII form title for the iSCSI initiator configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiInitiatorParamsRef (Read Only)

<b>Description</b>	Link to the iSCSI Initiator parameters configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## NIC.iSCSIConfig.IscsiSecondaryDeviceParams (Read Only)

<b>Description</b>	The HII form title for the secondary iSCSI Device parameters form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiSecondaryDeviceParamsRef (Read Only)

<b>Description</b>	The link to the iSCSI Secondary Device Parameters configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiSecondTgtParams (Read Only)

<b>Description</b>	The HII form title for the second iSCSI target configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.iSCSIConfig.IscsiSecondTgtParamsRef (Read Only)

<b>Description</b>	The link to the iSCSI Second Target Parameters configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams

The following section provides information about the objects in the `NIC.IscsiFirstTgtParams` group.

## NIC.IscsiFirstTgtParams.ConnectFirstTgt (Read or Write)

<b>Description</b>	Setting to enable whether connection to the first target is attempted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams.FirstTgtBootLun (Read or Write)

<b>Description</b>	Specifies the first iSCSI target boot LUN.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams.FirstTgtChapId (Read or Write)

<b>Description</b>	First Target CHAP ID (up to 128 characters in length). If only a single value of CHAP ID supported then it is stored here.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams.FirstTgtChapPwd (Read or Write)

<b>Description</b>	First Target CHAP Secret ( 0 or 12 to 16 characters in length). If only a single value of CHAP Secret is supported then it is stored here.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable


## NIC.IscsiFirstTgtParams.FirstTgtIpAddress (Read or Write)

<b>Description</b>	First iSCSI target IP address. Will be either IPv4 or IPv6 format depending on the value of the FirstTgtIpVer attribute.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams.FirstTgtIpVer (Read or Write)

<b>Description</b>	Setting displays and allows configuration of IP version used for first iSCSI target when iSCSIDuallIPVersionSupport is available.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· IPv4</li><li>· IPv6</li></ul>
<b>Default Value</b>	IPv4
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams.FirstTgtIscsiName (Read or Write)

<b>Description</b>	The iSCSI Qualified Name (IQN) of the first target.
<b>Legal Values</b>	None
<b>Default Value</b>	 <b>NOTE: The legal value range may be smaller than the maximum size of 223, based on the vendor configuration of the NIC cards.</b>
	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiFirstTgtParams.FirstTgtTcpPort (Read or Write)

<b>Description</b>	TCP Port number of the first iSCSI target.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.IscsiGenParams

The following section provides information about the objects in the `NIC.IscsiGenParams` group.

## NIC.IscsiGenParams.ChapAuthEnable (Read or Write)

<b>Description</b>	Setting to enable CHAP Authentication for iSCSI initiator.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.ChapMutualAuth (Read or Write)

<b>Description</b>	Setting to enable mutual CHAP authentication between the iSCSI initiator and target.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.DhcpVendId (Read or Write)

<b>Description</b>	Vendor ID as presented to DHCP service.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.FirstHddTarget (Read or Write)

<b>Description</b>	Enable/Disable the target appearing as the first hard disk drive (HDD) in the system when iSCSI booting.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.IpAutoConfig (Read or Write)

<b>Description</b>	Setting to enable acquisition of IPv6 TCP/IP parameters from DHCP.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.IpVer (Read or Write)

<b>Description</b>	Setting displays and allows configuration of the IP version used by iSCSI initiator and targets (Initiator only when a separate target ipver is implemented). If only one IP version is supported, this attribute should be set to that version and be made Read Only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· IPv4</li><li>· IPv6</li><li>· None</li></ul>
<b>Default Value</b>	IPv4
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.IscsiTgtBoot (Read or Write)

<b>Description</b>	Boot to iSCSI target after connection.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li><li>· One Time Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.IscsiViaDHCP (Read or Write)

<b>Description</b>	Setting to enable acquisition of iSCSI target parameters from DHCP.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.IscsiVlanId (Read or Write)

<b>Description</b>	VLAN ID used for iSCSI boot.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.IscsiVlanMode (Read or Write)

<b>Description</b>	Enable/Disable Virtual LAN mode for iSCSI boot.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.LnkUpDelayTime (Read or Write)

<b>Description</b>	The time to wait for the link to establish before driver initialization.
<b>Legal Values</b>	None
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.LunBusyRetryCnt (Read or Write)

<b>Description</b>	Controls the retry count for target.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.TcplpViaDHCP (Read or Write)

<b>Description</b>	Setting to enable acquisition of IPv4 TCP/IP parameters from DHCP
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>

<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.TcpTimestmp (Read or Write)

<b>Description</b>	Enable/Disable use of TCP timestamps in network packets
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiGenParams.WinHbaBootMode (Read or Write)

<b>Description</b>	Controls if adapter boots as an iSCSI Offload HBA or uses software initiator mode
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams

The following section provides information about the objects in the **NIC.IscsiInitiatorParams** group.

### NIC.IscsiInitiatorParams.IscsiInitiatorChapId (Read or Write)

<b>Description</b>	Initiator CHAP ID (up to 128 characters in length). If this can be set on a per target basis, then the first target value shall be stored here.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorChapPwd (Read or Write)

<b>Description</b>	iSCSI initiator CHAP secret (0 or 12 to 16 characters in length). If this can be set on a per target basis, then the value for the first target shall be stored here.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorGateway (Read or Write)

<b>Description</b>	iSCSI initiator default Gateway IP address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorIpAddr (Read or Write)

<b>Description</b>	The iSCSI initiator IP address. Will be either in IPv4 or IPv6 format depending on value of the IpVer attribute.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorIpv4Addr (Read or Write)

<b>Description</b>	The iSCSI initiator IP address in IPv4 format when iSCSIDualIPVersionSupport is available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## NIC.IscsiInitiatorParams.IscsiInitiatorIpv4Gateway (Read or Write)

<b>Description</b>	The iSCSI initiator default Gateway IP address in IPv4 format when iSCSIDualIPVersionSupport is available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorIpv4PrimDns (Read or Write)

<b>Description</b>	iSCSI initiator Primary DNS IP Address in IPv4 format when iSCSIDualIPVersionSupport is Available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorIpv4SecDns (Read or Write)

<b>Description</b>	iSCSI initiator Secondary DNS IP address in IPv4 format when iSCSIDualIPVersionSupport is Available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorIpv6Addr (Read or Write)

<b>Description</b>	The iSCSI initiator IP address in IPv6 format when iSCSIDualIPVersionSupport is available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsilInitiatorParams.IscsilInitiatorIpv6Gateway (Read or Write)

<b>Description</b>	The iSCSI initiator default Gateway IP address in IPv6 format when iSCSIDualIPVersionSupport is available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsilInitiatorParams.IscsilInitiatorIpv6PrimDns (Read or Write)

<b>Description</b>	The iSCSI initiator Primary DNS IP Address in IPv6 format when iSCSIDualIPVersionSupport is Available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsilInitiatorParams.IscsilInitiatorIpv6SecDns (Read or Write)

<b>Description</b>	The iSCSI initiator Secondary DNS IP address in IPv6 format when iSCSIDualIPVersionSupport is Available.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsilInitiatorParams.IscsilInitiatorName (Read or Write)

<b>Description</b>	Setting to represent and set the iSCSI initiator iSCSI Qualified Name (IQN).
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorPrimDns (Read or Write)

<b>Description</b>	The iSCSI initiator Primary DNS IP Address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorSecDns (Read or Write)

<b>Description</b>	The iSCSI initiator Secondary DNS IP address. Will be in either IPv4 or IPv6 format depending on the value of the IpVer attribute.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorSubnet (Read or Write)

<b>Description</b>	The iSCSI initiator Subnet Mask for an IPv4 initiator configuration.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiInitiatorParams.IscsiInitiatorSubnetPrefix (Read or Write)

<b>Description</b>	The iSCSI initiator Subnet Mask Prefix for an IPv6 initiator configuration.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.IscsiSecondaryDeviceParams

The following section provides information about the objects in the `NIC.IscsiSecondaryDeviceParams` group.

## NIC.IscsiSecondaryDeviceParams.SecondaryDeviceMacAddr (Read or Write)

<b>Description</b>	MAC address of the secondary iSCSI boot adapter.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiSecondaryDeviceParams.UseIndTgtName (Read or Write)

<b>Description</b>	Use Independent Target Name when multipath I/O is enabled
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiSecondaryDeviceParams.UseIndTgtPortal (Read or Write)

<b>Description</b>	Setting to use independent target portal when multipath I/O is enabled
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.IscsiSecondTgtParams

To configure the `iSCSIsecond` storage, use the objects in this group.

## NIC.IscsiSecondTgtParams.ConnectSecondTgt (Read or Write)

<b>Description</b>	Setting to enable whether connection to the second target is attempted.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtBootLun (Read or Write)

<b>Description</b>	Specifies the second iSCSI target boot LUN.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtChapId (Read or Write)

<b>Description</b>	Second Target CHAP ID (up to 128 characters in length). If only a single value of CHAP ID supported for all targets then it is stored here
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtChapPwd (Read or Write)

<b>Description</b>	Second Target CHAP Secret (0 or 12 to 16 characters in length). If only a single value of CHAP Secret is supported then it is stored here
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtIpAddress (Read or Write)

**Description** Second iSCSI target IP address. Will be either IPv4 or IPv6 format depending on the value of the SecondTgtIpVer attribute

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtIpVer (Read or Write)

**Description** Setting displays and allows configuration of IP version used for second iSCSI target when iSCSIDualIPVersionSupport is available

**Legal Values**

- IPv4
- IPv6

**Default Value** IPv4

**Write Privilege** None


**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtIscsiName (Read or Write)

**Description** The iSCSI Qualified Name (IQN) of the second target

**Legal Values** None

 **NOTE:** The legal value range may be smaller than the maximum size of 223, based on the vendor configuration of the NIC cards.

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.IscsiSecondTgtParams.SecondTgtTcpPort (Read or Write)

**Description** TCP Port number of second iSCSI target

<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig

To configure the `NICConfig` properties, use the objects in this group.

### NIC.NICConfig.BannerMessageTimeout (Read or Write)

<b>Description</b>	Timeout in seconds for banner display during POST
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.NICConfig.BootOptionROM (Read or Write)

<b>Description</b>	This attribute provides enable/disable functionality to the boot entry point (i.e. <code>undi_init</code> ) of the legacy Option ROM of the port, effectively controlling the ability to legacy boot via PXE, iSCSI or FCoE. The Option ROM is still required to advertise itself to BIOS and to expose other entry points (such as CLP and UEFI) for configuration purposes if this control is set to disabled. This control must be prohibited from being set to Disabled if the Legacy Boot Protocol attribute is set to anything but None.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.NICConfig.BootRetryCnt (Read or Write)

<b>Description</b>	Configure the number of retries in case of boot failure.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· No Retry</li> <li>· 1 Retry</li> <li>· 2 Retries</li> <li>· 3 Retries</li> <li>· 4 Retries</li> <li>· 5 Retries</li> <li>· 6 Retries</li> <li>· Indefinite Retries</li> </ul>
<b>Default Value</b>	NoRetry

<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.BootStrapType (Read or Write)

**Description** Configure the boot strap mechanism used to boot to the OS.

**Legal Values**

- Auto Detect
- BBS
- Int 18h
- Int 19h

**Default Value** AutoDetect

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICConfig.FWBootProtocol (Read or Write)

**Description** Selection of the boot protocol for the CNA port when the boot process is local to the controller.

**Legal Values**

- Legacy PXE
- UEFI iSCSI HBA
- UEFI FCoE
- None

**Default Value** varies

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICConfig.HideSetupPrompt (Read or Write)

**Description** Enable/Disable the option ROM setup prompt (banner) during POST.

**Legal Values**

- Enabled
- Disabled

**Default Value** Disabled

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICConfig.LegacyBootProto (Read or Write)

**Description** Selection of the boot protocol for the port to use in legacy BIOS (non-UEFI) boot mode. The default value of the setting varies by implementation and is defined in ENG0012856.

**Legal Values**

- PXE



- iSCSI
- FCoE
- None
- iSCSI Primary
- iSCSI Secondary
- iPXE without failover
- iSCSI without failover

<b>Default Value</b>	varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.LnkSpeed (Read or Write)

<b>Description</b>	Configure the Link Speed to be used for boot operations.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Auto Negotiated</li> <li>• 10 Mbps Half</li> <li>• 10 Mbps Full</li> <li>• 100 Mbps Half</li> <li>• 100 Mbps Full</li> <li>• 1 Gbps</li> <li>• 10 Gbps</li> <li>• 25 Gbps</li> <li>• 40 Gbps</li> <li>• 50 Gbps (2x25)</li> <li>• 50 Gbps (1x50)</li> <li>• 100 Gbps (4x25)</li> <li>• 100 Gbps (2x50)</li> <li>• 100 Gbps (1x100)</li> <li>• 200 Gbps (4x50)</li> <li>• 200 Gbps (2x100)</li> <li>• 200 Gbps (1x200)</li> </ul>
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<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.NumberVFAdvertised (Read or Write)

<b>Description</b>	This value is the number of PCI Virtual Functions Advertised by the port (function) in PCI config space when SR-IOV is enabled in non-NPar mode.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• N/A</li> </ul>
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<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.PermitTotalPortShutdown (Read or Write)

<b>Description</b>	When implemented and enabled, any port down command from the host OS or driver will cause the network port to completely shut down and cease all operations including support of WoL and NC-SI Pass-through. Shutdown is defined as no electrical activity (e.g., PHY disabled) and no LED activity. It does not imply or require any physical or electrical isolation. Not intended for implementation or use on backplane designs.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.VLanId (Read or Write)

<b>Description</b>	Specifies the VLAN tag to be used with the selected boot protocol.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.VLanMode (Read or Write)

<b>Description</b>	Enable/Disable VLAN tagging on the selected boot protocol. Note: The vendor will have to customize help text to define what boot protocols can use VLAN tagging.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.WakeOnLan (Read or Write)

<b>Description</b>	Enable/Disable Wake On LAN feature
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICConfig.WakeOnLanLnkSpeed (Read or Write)

<b>Description</b>	Link speed for Wake On LAN feature
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Auto Negotiated</li><li>· 10 Mbps Half</li><li>· 10 Mbps Full</li><li>· 100 Mbps Half</li><li>· 100 Mbps Full</li><li>· 1 Gbps</li><li>· 10 Gbps</li><li>· 25 Gbps</li><li>· 40 Gbps</li><li>· 50 Gbps (2x25)</li><li>· 50 Gbps (1x50)</li><li>· 100 Gbps (4x25)</li><li>· 100 Gbps (2x50)</li><li>· 100 Gbps (1x100)</li><li>· 200 Gbps (4x50)</li><li>· 200 Gbps (2x100)</li><li>· 200 Gbps (1x200)</li></ul>
<b>Default Value</b>	AutoNeg
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICPartitioningConfig

To configure the `NICPartitioning` properties, use the objects in this group.

### NIC.NICPartitioningConfig.ConfigureFormn (Read Only)

<b>Description</b>	HTML form title for Partition Configuration form. There shall be one form for each partition. Replace n with the number of the partition (e.g., <code>ConfigureForm1</code> , <code>ConfigureForm2</code> ).
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

### NIC.NICPartitioningConfig.ConfigureFormRef (Read Only)

<b>Description</b>	Link for Partition Configuration form. Individual configuration forms are required for each partition. Replace n with the number of the partition.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICPartitioningConfig.FlowControlSetting (Read or Write)

**Description** Representation and configuration field for Ethernet Flow Control. Note: This setting only controls the port's Flow Control behavior when in NPar modes of operation, but not when PFC is enabled; The OS driver retains control of Flow Control when NPar is not enabled.

**Legal Values**

- Auto
- TX:Send Pause on RX Overflow
- RX:Throttle TX on Pause Received
- TX / RX Flow Control
- None

**Default Value** Auto

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICPartitioningConfig.GlobalBandwidthAllocation (Read Only)

**Description** HII form title for Global Bandwidth Allocation across partitions. Note: These settings are intended for use in non-DCB environments and are subject to change via DCBX.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICPartitioningConfig.GlobalBandwidthAllocationRef (Read Only)

**Description** HII link for the Global Bandwidth Allocation form.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.NICPartitioningConfig.MgmtSVID (Read Only)

**Description** The Management SVID is the Switch VLAN Identifier for the iDRAC service processor when the port is in shared mode.

<b>Legal Values</b>	None
<b>Default Value</b>	1000
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICPartitioningConfig.NicPartitioning (Read or Write)

<b>Description</b>	Representation and configuration of enablement of partitioning for the device. Note: This attribute is for current HII/UEFI drivers that implement the control ONLY. New HII implementations should only implement the Virtualization Mode attribute. Existing implementations should maintain support for legacy reasons.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICPartitioningConfig.NumberPCIFunctionsEnabled (Read Only)

<b>Description</b>	The number of PCI Physical Functions currently enabled on this port.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICPartitioningConfig.NumberPCIFunctionsSupported (Read Only)

<b>Description</b>	The number of PCI Physical Functions supported on this port. This value may change depending on the support and configuration of NParEP.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICPartitioningConfig.PartitionState (Read Only)

<b>Description</b>	Representation of the current enablement state of the partition. There will be an instance of this attribute for each partition. Replace n with the number of the partition.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Enabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.NICPartitioningConfig.RDMANICModeOnPartition (Read or Write)

<b>Description</b>	Enable/Disable the NIC + RDMA personality on the partition. This setting is for when operating in NPar mode only. Replace n with the number of the partition. Note: This personality type may be specified as the partition default if RDMA traffic can be supported irrespective of any other device setting.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.PortLevelConfig

The following section provides information about the objects in `NIC.PortLevelConfig` the group.

## NIC.PortLevelConfig.VFDistribution (Read or Write)

<b>Description</b>	The value is a string of numbers, each separated by a colon that defines the distribution of VFs to PFs within the domain specified by <code>VFAllocBasis</code> . Each number represents the number of PVI Virtual Functions to be advertised in PCI config space by each partition (PF). The numbers must sum to an amount less than or equal to the <code>NumberVFSupported</code> attribute value. A value appears in the colon separated list for each Physical Function that can potentially be present within the allocation domain, independent of its enablement state. Values in the list from left to right apply to function numbers in the domain from least to greatest. Note1: The regex can only perform basic validation of the string format. Note2: Implementers should replace the "*" in the regex with a bound expression that accurately describes the expected string in the context of a given solution (e.g. where <code>NumberVFSupported</code> is 4, the "*" will be replaced with "{3}"). The vendor must provide the appropriate default string for the implementation.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# NIC.VndrConfigGroup

The objects in this group manage the vendor configuration settings.

## NIC.VndrConfigPage.BlinkLeds (Read or Write)

<b>Description</b>	Blink LEDs for a duration of up to 15 seconds. Only valid for adapters with link LEDs.
<b>Legal Values</b>	None
<b>Default Value</b>	15
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.BusDeviceFunction (Read Only)

<b>Description</b>	The value of this attribute depends on the state of the NParEP Mode setting. If NParEP Mode is Disabled, the value is the BIOS assigned PCIe Bus:Device:Function identifier. If NParEP Mode is Enabled, the value is the BIOS assigned PCIe Bus:Function identifier.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.ChipMdl (Read Only)

<b>Description</b>	This attribute consists of the concatenation of 2 different elements, a vendor-defined silicon marketing name and the silicon revision information as specified in PCI configuration space, separated by space. For example: R720 B0.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.DCBSettings (Read Only)

<b>Description</b>	HII form title for Data Center Bridging (DCB) Settings Form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.DCBSettingsRef (Read Only)

<b>Description</b>	Configuration page form reference for Data Center Bridge (DCB) Settings Form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.DCBXSupport (Read Only)

<b>Description</b>	Indicates whether Data Center Bridging eXchange Protocol (DCBX) is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.DeviceLevelConfig (Read Only)

<b>Description</b>	HIJ form title for device configuration. Note: Modify the help text and form placement as appropriate to the controller architecture.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.DeviceLevelConfigurationRef (Read Only)

<b>Description</b>	Configuration form reference for the Device Level Configuration Form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.DeviceName (Read Only)

<b>Description</b>	Official product name of the device.
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<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.EEEControl (Read or Write)

<b>Description</b>	Enables or Disables the Energy Efficient Ethernet feature on the port if supported by the device. If the scope of the control is not port level, then consultation with Dell is required. The default value of this attribute is specified in the EHRD for the implementation and will not be the same for all adapters. Note: Do not implement if EEE is not supported by the implementation (i.e., the EnergyEfficientEthernet attribute setting).
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Maximum Power Savings</li> <li>Disabled</li> </ul>
<b>Default Value</b>	varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.EnergyEfficientEthernet (Read Only)

<b>Description</b>	Indicates whether Energy Efficient Ethernet capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Available</li> <li>Unavailable</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCoEBootSupport (Read Only)

<b>Description</b>	Indicates whether Fibre Channel over Ethernet Boot capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>Available</li> <li>Unavailable</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCOECapabilities (Read Only)

<b>Description</b>	HII form title for the FCoE Capabilities form.
<b>Legal Values</b>	None

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCoECapabilitiesRef (Read Only)

<b>Description</b>	Configuration page form reference for the FCoE Capabilities Form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCoEConfigRef (Read Only)

<b>Description</b>	Configuration form reference for port level FCoE configuration.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCoEConfiguration (Read Only)

<b>Description</b>	HII form title for the port level FCoE Configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCoEOffloadMode (Read or Write)

<b>Description</b>	Enable/Disable the FCoE personality on the port. This setting is for when operating in non-NPar mode only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FCoEOffloadSupport (Read Only)

<b>Description</b>	Indicates whether FCoE is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FeatureLicensingSupport (Read Only)

<b>Description</b>	Indicates whether the Dell Feature Licensing capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FIPMacAddr (Read Only)

<b>Description</b>	Permanent FIP-MAC address for FCoE assigned during manufacturing. If supported, the current address value should be readable at all times, irrespective of feature enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FlexAddressing (Read Only)

<b>Description</b>	Indicates whether the Dell FlexAddressing feature is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.ForwardErrorCorrection (Read or Write)

<b>Description</b>	Type of FEC to use on the link.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Auto</li><li>· Fire Code (Clause 74)</li><li>· RS-FEC (Clause 91)</li><li>· Disabled</li></ul>
<b>Default Value</b>	Auto
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FrmwImgMenu (Read Only)

<b>Description</b>	HII form title for Firmware Image Properties.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.FrmwImgMenuRef (Read Only)

<b>Description</b>	Configuration page form reference for the Firmware Image Properties Form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.HairpinMode (Read or Write)

<b>Description</b>	Traffic from one partition to another on separate physical ports is forwarded by the external switch. The e-switch external port can enable hairpin mode when NPar 2.0 is selected on the physical port. A configuration option would enable hairpin mode on a per partition basis. The server IOM will also support hairpin mode such that it can forward NIC partition to partition traffic on the same physical port. Hairpin mode will be disabled by default and is configurable when when NPar 2.0 capability is enabled.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.InfiniBand (Read Only)

**Description** Indicates whether InfiniBand functionality is supported.

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.iSCSIBootSupport (Read Only)

**Description** Indicates whether iSCSI Boot is supported.

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.iSCSIConfig (Read Only)

**Description** HTML form title for port level iSCSI configuration.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.iSCSIConfigRef (Read Only)

**Description** Configuration form reference for port level iSCSI configuration.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.iSCSIDualIPVersionSupport (Read Only)

<b>Description</b>	Indicates support for simultaneous IPv4 and IPv6 configurations of the iSCSI initiator and iSCSI primary and secondary targets.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.IscsiMacAddr (Read Only)

<b>Description</b>	Permanent MAC address for iSCSI offload assigned during manufacturing. If supported, the current address value should be readable at all times, irrespective of feature enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.iScsiOffloadMode (Read or Write)

<b>Description</b>	Enable/Disable the iSCSI offload personality on the port. This setting is for when operating in non-NPar mode only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.iSCSIOffloadSupport (Read Only)

<b>Description</b>	Indicates whether the iSCSI Offload capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.LinkStatus (Read Only)

<b>Description</b>	Physical link status of the network port as reported by the controller.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Connected</li><li>· Disconnected</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.LnkSpeedAdv (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	Legacy
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.LogicalPortEnable (Read or Write)

<b>Description</b>	Indicates whether the logical port is enabled or disabled. If disabled the port will not appear as a physical function in PCI Configuration space
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.MacAddr (Read Only)

<b>Description</b>	The Permanent MAC address assigned during manufacturing.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.MediaDetection (Read or Write)

<b>Description</b>	Optional attribute for those implementations that support the querying of the installed SFF device capabilities to assist in link configuration. Should not be implemented on adapters where it is not used.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NetworkLinkType (Read or Write)

<b>Description</b>	Select the protocol type to be used on a port that supports multiple fabric types. NOTE: Implement ONLY if VPI Mode is supported
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Ethernet</li> <li>· InfiniBand</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NICConfig (Read Only)

<b>Description</b>	The HII form title for NIC configuration.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NICConfigRef (Read Only)

<b>Description</b>	The Configuration form reference for port level NIC configuration.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NicMode (Read or Write)

<b>Description</b>	Enable/Disable the NIC personality on the port. This setting is for when operating in non-NPar mode only. Note: This personality type should be specified as the port default if RDMA is not supported or has dependencies on other device modes or settings.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Enabled</li> <li>· Disabled</li> </ul>



<b>Default Value</b>	Varies
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NICPartitioningConfigRef (Read Only)

<b>Description</b>	HII link for the NIC Partitioning Configuration form.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NicPartitioningSupport (Read Only)

<b>Description</b>	Indicates whether the NIC Partitioning capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NodeGUID (Read Only)

<b>Description</b>	The Permanent Node GUID assigned during manufacturing.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.NWManagementPassThrough (Read Only)

<b>Description</b>	Indicates whether the Network Management Pass Through capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None

<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.OmniPath (Read Only)

<b>Description</b>	Indicates whether Omni-Path functionality is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.OnChipThermalSensor (Read Only)

<b>Description</b>	Indicates whether an on-chip thermal sensor is available.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.OSBMCManagementPassThrough (Read Only)

<b>Description</b>	Indicates whether OS-BMC Management Pass Through capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.PCIDeviceID (Read Only)

<b>Description</b>	PCI Device ID reported by the controller when operating in non-NPar mode only. The value of the attribute is undefined for controllers operating in NPar mode that change their device IDs or support multiple PCI Device IDs at the partition level.
<b>Legal Values</b>	None
<b>Default Value</b>	None

<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.PKey (Read or Write)

<b>Description</b>	PKey ID to be used by PXE boot in the InfiniBand environment
<b>Legal Values</b>	None
<b>Default Value</b>	0
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.PortGUID (Read Only)

<b>Description</b>	The Permanent Port GUID assigned during manufacturing.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.PXEBootSupport (Read Only)

<b>Description</b>	Indicates whether the PXE Boot capability is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.RDMANICModeOnPort (Read or Write)

<b>Description</b>	Enable/Disable the NIC + RDMA personality on the port. This setting is for when operating in non-NPar mode only. Note: This personality type may be specified as the port default if RDMA traffic can be supported irrespective of any other device mode or setting.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Varies
<b>Write Privilege</b>	None

<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.RemotePHY (Read Only)

**Description** Indicates whether RemotePHY capability is supported.

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.RXFlowControl (Read Only)

**Description** Indicates whether Receive (RX) Flow control capability is supported.

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.SNAPI (Read Only)

**Description** Indicates the adapter supports SNAPI functionality by either special interfacing to the PCI slot connector or via cabling to another PCI slot.

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.SNAPIState (Read Only)

**Description** Indicates whether SNAPI functionality is enabled. Note: Implement only if SNAPI support is set to Available

**Legal Values**

- Enabled
- Disabled

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.SwitchDepPartitioningSupport (Read Only)

**Description** Indicates whether Switch Dependent Partitioning capability is supported. Note: Preliminary attribute definition only, based on the information available at the publication, subject to change.

**Legal Values**

- Available
- Unavailable

**Default Value** N/A

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.TOESupport (Read Only)

**Description** Indicates whether TCP/IP Offload Engine capability is supported

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.TXBandwidthControlMaximum (Read Only)

**Description** Indicates whether Transmit(TX) Bandwidth Control Maximum capability is supported

**Legal Values**

- Available
- Unavailable

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Express or iDRAC Enterprise

**Dependency** Not applicable

## NIC.VndrConfigPage.TXBandwidthControlMinimum (Read Only)

**Description** Indicates whether Transmit (TX) Bandwidth Control Minimum capability is supported

**Legal Values**

- Available
- Unavailable

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.TXFlowControl (Read Only)

<b>Description</b>	Indicates whether Transmit (TX) Flow Control capability is supported
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Available</li> <li>· Unavailable</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VirtFIPMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable FIP-MAC address for FCoE. Virtual addresses written will also generate corresponding VWWNN and VWWPN addresses as defined in Y741D. The supported method of reverting to the permanent FIP-MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VirtIscsiMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable MAC address for iSCSI offload. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VirtMacAddr (Read or Write)

<b>Description</b>	Programmatically assignable MAC address. Programmatic write for support of I/O Identity feature. The supported method of reverting to the permanent MAC address is by writing 0's to the virtual MAC. If the virtual address has
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not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature enablement.

<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VirtPortGUID (Read or Write)

<b>Description</b>	Programmatically assignable Port GUID. Virtual addresses written will also generate corresponding GUID as defined in Y741D. The supported method of reverting to the permanent GUID is by writing 0's as the virtual address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. If supported, the current address value should be readable at all times, irrespective of feature enablement.
<b>Legal Values</b>	None
<b>Default Value</b>	0000:0000:0000:0000
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VirtWWN (Read or Write)

<b>Description</b>	Programmatically assignable Fibre Channel World Wide Node Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addresss as defined in Y741D. The supported method of clearing this virtual address is by writing 0's as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's.
<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VirtWWPN (Read or Write)

<b>Description</b>	Programmatically assignable Fibre Channel World Wide Port Name identifier for FCoE. Virtual addresses written will also be modified by subsequent writes to the VirtFIP-MAC addresss as defined in Y741D. The supported method of clearing this virtual address is by writing 0's as the address. If the virtual address has not been set or if it has been cleared by the defined method, its value shall be returned as 0's. .
<b>Legal Values</b>	None
<b>Default Value</b>	00:00:00:00:00:00:00:00
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VndrConfigPage (Read Only)

<b>Description</b>	Main configuration page form reference for the Vendor Main Configuration Page Form
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VndrFormSet (Read Only)

<b>Description</b>	Title of HII form set for Vendor Form Set. The MAC address should be the current active MAC address on the port or first partition. In case a virtual address is assigned, it should be used. Otherwise, the permanent MAC address should be displayed.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.VPI (Read Only)

<b>Description</b>	Indicates whether Virtual Protocol Interconnect (VPI) functionality is supported.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Available</li><li>· Unavailable</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.WakeOnLanLnkSpeedAdv (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	Legacy
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable



## NIC.VndrConfigPage.WWN (Read Only)

<b>Description</b>	Fibre Channel World Wide Node Name identifier for FCoE
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

## NIC.VndrConfigPage.WWPN (Read Only)

<b>Description</b>	Fibre Channel World Wide Port Name identifier for FCoE
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	Not applicable

# Storage Attributes

## Topics:

- [Storage.Controller](#)
- [Storage.Enclosure](#)
- [Storage.PhysicalDisk](#)
- [Storage.VirtualDisk](#)

## Storage.Controller

The following sections provide information about the objects in this group Storage.Controller.

### Storage.Controller.BackgroundInitializationRate (Read or Write)

<b>Description</b>	The Background Initialization (BGI) rate is the percentage of the system's resources dedicated to performing the background initialization of a virtual disk after it is created
<b>Legal Values</b>	None
<b>Default Value</b>	100
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

### Storage.Controller.BatteryLearnMode (Read or Write)

<b>Description</b>	Battery Learn Mode controls a RAID Controller's Battery Learn Cycle.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Automatic</li> <li>• Warn only</li> <li>• Disabled</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	A battery should be present on the controller.

### Storage.Controller.CheckConsistencyMode (Read or Write)

<b>Description</b>	Check Consistency feature is used to verify the accuracy of the redundant (parity) information.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>• Normal</li> <li>• StopOnError</li> </ul>

<b>Default Value</b>	Normal
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.CheckConsistencyRate (Read or Write)

<b>Description</b>	The Check Consistency rate is the percentage of the system's resources dedicated to performing a check consistency on a redundant virtual disk.
<b>Legal Values</b>	None
<b>Default Value</b>	100
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.ControllerBootMode (Read or Write)

<b>Description</b>	This indicates the current BootMode setting of the Controller. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· User Mode</li> <li>· Continue Boot On Error</li> <li>· Headless Mode Continue On Error</li> <li>· Headless Safe Mode</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	
<b>Dependency</b>	None

## Storage.Controller.ControllerEncryptionMode (Read Only)

<b>Description</b>	This attribute represents encryption mode on the controller. It could be used to set the encryption mode to Local Key Management on the controller through XML configuration feature. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· None</li> <li>· Local Key Management</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	If set to 'Local Key Management' you must set KeyID and NewControllerKey.

## Storage.Controller.ControllerRekey (Read or Write)

<b>Description</b>	This pseudo attribute represents whether a rekey operation needs to be performed on the RAID controller. Configurable via XML configuration feature only.
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<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· True</li> <li>· False</li> </ul>
<b>Default Value</b>	FALSE
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None


## Storage.Controller.RAIDresetConfig (Read or Write)

<b>Description</b>	This pseudo attribute represents whether a reset config operation needs to be performed on the RAID controller. Reset Config operation deletes all the virtual disks that exists on the RAID controller. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· True</li> <li>· False</li> </ul>
<b>Default Value</b>	FALSE
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.CopybackMode (Read or Write)

<b>Description</b>	This attribute represents the mode of restoring configuration of a virtual disk when a failed physical disk is replaced in an array.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· On</li> <li>· On with SMART</li> <li>· Off</li> </ul>
<b>Default Value</b>	On
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.CurrentControllerMode (Read Only)

<b>Description</b>	This indicates controllers current personality mode , which could be RAID or Non-RAID. PERC9 supports RAID and HBA. Starting PERC 10, modes supported are RAID and Enhanced HBA
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· RAID</li> <li>· HBA</li> <li>· Enhanced HBA</li> </ul>
	 <b>NOTE: HBA or Enhanced HBA support is dependent on the type of PERC controller.</b>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	
<b>Dependency</b>	Controller needs to support.

## Storage.Controller.EnhancedAutoImportForeignConfiguration (Read or Write)

<b>Description</b>	This indicates the current EnhancedAutoImportForeignConfig setting of the controller. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled</li><li>· Enabled</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	
<b>Dependency</b>	None

## Storage.Controller.RAIDforeignConfig (Read or Write)

<b>Description</b>	This pseudo attribute represents foreign configuration operation to be performed on the RAID controller via XML configuration feature. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Ignore</li><li>· Import</li><li>· Clear</li></ul>
<b>Default Value</b>	Ignore
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.KeyIdentifier (Read Only)

<b>Description</b>	This attribute represents the controller key identifier for Local Key Management or Dell Key Management controller encryption modes. Configurable via XML configuration feature only.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if EncryptionMode is 'Local Key Management' and NewControllerKey is set to any valid value.

## Storage.Controller.LoadBalancedMode (Read or Write)

<b>Description</b>	This attribute represents the ability to automatically use both controller ports connected to the same enclosure to route I/O requests.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Automatic</li><li>· Disabled</li></ul>
<b>Default Value</b>	Automatic
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## Storage.Controller.MaximumCapableSpeed (Read Only)

**Description** This attribute represents the maximum link speed supported by the controller.

**Legal Values**

- 1\_5\_GBS
- 3\_GBS
- 6\_GBS
- 12\_GBS

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## Storage.Controller.MaximumPhysicalDisksinSpan (Read Only)

**Description** This attribute represents the maximum number of Physical Disks in a single Span, as supported by the controller.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## Storage.Controller.Maximum Spans in Virtual Disk (Read Only)

**Description** This attribute represents the maximum number of spans in a Virtual Disk, as supported by the controller.

**Legal Values** None

**Default Value** None

**Write Privilege** None

**License Required** iDRAC Basic, iDRAC Express, or iDRAC Enterprise

**Dependency** None

## Storage.Controller.MaximumSupportedVirtualDisks (Read Only)

**Description** This attribute represents the maximum number of virtual disks supported by the controller.

**Legal Values** None

**Default Value** None

**Write Privilege** None

<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.NewControllerKey (Read or Write)

<b>Description</b>	This attribute represents the controller passphrase for Local Key Management encryption mode. This is used during a ReKey operation to specify the new controller key. Configurable via XML configuration feature only.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if EncryptionMode is 'Local Key Management' and KeyID is set to any valid value.

## Storage.Controller.OldControllerKey (Read or Write)

<b>Description</b>	This attribute represents the controller passphrase for Local Key Management encryption mode. This is used during a ReKey operation to specify the old controller key. Configurable via XML configuration feature only.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if 'RAIDrekey' is set to True

## Storage.Controller.PatrolReadIterations (Read Only)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.PatrolReadMode (Read or Write)

<b>Description</b>	Patrol Read is a feature for identifying disk errors in order to avoid disk failures and data loss or corruption. The Patrol Read only runs on disks that are being used in a virtual disk or that are hot spares.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Automatic</li> <li>· Manual</li> <li>· Disabled</li> </ul>
<b>Default Value</b>	Automatic
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.PatrolReadUnconfiguredarea (Read or Write)

<b>Description</b>	Patrol Read is Performed on area of physical disk not configured for use.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Disabled</li><li>· Enabled</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.PatrolReadRate (Read Only)

<b>Description</b>	The Patrol Read Rate is the percentage of the system's resources dedicated to perform Patrol Read.
<b>Legal Values</b>	None
<b>Default Value</b>	30
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.PersistHotspare (Read or Write)

Table 3. Details of Storage.Controller.PersistHotspare

Attribute values	Attribute description
<b>Description</b>	To enable or disable a persistent hotspare.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Disabled
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.PossibleloadBalancedMode (Read or Write)

Table 4. Storage.Controller.PossibleloadBalancedMode

Attribute values	Attribute description
<b>Description</b>	This attribute represents the ability to automatically use both controller ports connected to the same enclosure to route I/O requests.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Automatic</li><li>· Disabled</li></ul>
<b>Default value</b>	Automatic



Attribute values	Attribute description
<b>Write Privilege</b>	Server Control
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## storage.controller.raidmode

Table 5. Details of Storage.Controller.RaidMode

Attribute values	Attribute description
<b>Description</b>	This property indicates if the meta data mode controller operating in
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· None</li> <li>· Windows</li> <li>· Linux</li> <li>· Mixed</li> </ul>
<b>Default value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.RebuildRate (Read or Write)

<b>Description</b>	The Rebuild Rate is the percentage of the system's resources dedicated to rebuilding a failed disk when a rebuild is necessary.
<b>Legal Values</b>	None
<b>Default Value</b>	100
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.ReconstructRate (Read or Write)


<b>Description</b>	The Reconstruct Rate is the percentage of the system's resources dedicated to reconstructing a disk group after adding a physical disk or changing the RAID level of a virtual disk residing on the disk group
<b>Legal Values</b>	None
<b>Default Value</b>	100
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.RemoveControllerkey (Read or Write)

<b>Description</b>	This pseudo attribute represents whether a rekey operation needs to be performed on the RAID controller. Configurable via XML configuration feature only.
--------------------	---

<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· True</li> <li>· False</li> </ul>
<b>Default Value</b>	FALSE
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.RequestedControllerMode (Read or Write)

<b>Description</b>	This indicates controllers requested personality mode and can be RAID or Non-RAID. PERC 9 supports RAID and HBA. Starting PERC 10, modes supported are RAID and Enhanced HBA. Supported with SET command and not SCP
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· RAID</li> <li>· HBA</li> <li>· Enhanced HBA</li> </ul>
	 <b>NOTE: HBA or Enhanced HBA support is dependent on the type of PERC controller.</b>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	
<b>Dependency</b>	Controller needs to support.

## Storage.Controller.SpinDownIdleTime (Read Only)

<b>Description</b>	Spindown idle time is the amount of time in seconds an unconfigured or hotspare can be idle before being spinned down by the controller.
<b>Legal Values</b>	None
<b>Default Value</b>	30
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportControllerBootMode (Read Only)

Table 6. Storage.Controller.SupportControllerBootMode

Attribute values	Attribute description
<b>Description</b>	This is read only attribute. This property indicates if this controller supports setting of controller boot mode.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Supported</li> <li>· Not Supported</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable

Attribute values	Attribute description
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportEnhancedAutoForeignImport (Read Only)

Table 7. Storage.Controller.SupportEnhancedAutoForeignImport

Attribute values	Attribute description
<b>Description</b>	This is a read only attribute. This property indicates if this controller supports enhanced auto import of foreign configurations.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Supported</li> <li>· Not Supported</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportRAID10UnevenSpans (Read Only)

Table 8. Storage.Controller.SupportRAID10UnevenSpans

Attribute values	Attribute description
<b>Description</b>	This is a read-only attribute. This property indicates if this controller supports uneven spans for RAID 10.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Supported</li> <li>· Not Supported</li> </ul>
<b>Default value</b>	Not applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.T10PICapability (Read Only)

Table 9. Storage.Controller.T10PICapability

Attribute values	Attribute description
<b>Description</b>	This is a read-only attribute. This property indicates if this controller supports T10 PI.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Incapable</li> <li>· Capable</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportedDiskProtocols (Read Only)

<b>Description</b>	This attribute provides a list of Disk Protocols supported by the controller.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· SAS</li><li>· SATA</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportedEncryptiontypes (Read Only)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportedInitializationTypes (Read Only)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Controller.SupportedRAIDLevels (Read Only)

<b>Description</b>	This attribute provides a list of RAID levels supported by the controller.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· RAID-0</li><li>· RAID-1</li><li>· RAID-5</li><li>· RAID-10</li><li>· RAID-50</li><li>· RAID-60</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.Controller.RaidMode (Read or Write)

Table 10. Details of Storage.Controller.RaidMode

Attribute values	Attribute description
<b>Description</b>	Indicates the meta data mode of the controller. This is applicable only for SW RAID controller.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None</li><li>· Linux</li><li>· Windows</li><li>· Mixed</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.Enclosure

This group contains the attributes that provides details about Storage.Controller

**NOTE:** AssetName and AssetTag are applicable only for external enclosures.

**NOTE:** If the enclosure is in Failed state, the information about the slots and their occupancy is not displayed.

# Storage.Enclosure.AssetTag (Read Only)

<b>Description</b>	Displays the Asset Tag information for the enclosure.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.Enclosure.BackplaneType (Read Only)

<b>Description</b>	This indicates enclosures type.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Shared</li><li>· Not Shared</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	
<b>Dependency</b>	Backplane needs to support it.

# Storage.Enclosure.BlockSizeInBytes (Read Only)

<b>Description</b>	
<b>Legal Values</b>	None

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Enclosure.EffectiveSASAddress (Read Only)

<b>Description</b>	This attribute represents the effective SAS Address of an enclosure.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.Enclosure.EnclosureCurrentConfigurationMode (Read Only)

<b>Description</b>	This indicates enclosures current configuration mode setting
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Unified Mode</li> <li>· Split Mode</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	
<b>Dependency</b>	Backplane needs to support it.

## Storage.Enclosure.EnclosureRequestedConfigurationMode (Read or Write)

<b>Description</b>	This indicates enclosures requested configuration mode setting.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Unified Mode</li> <li>· Split Mode</li> <li>· None</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Backplane needs to support it.

## Storage.PhysicalDisk

This group contains the attributes that provides details about Storage.PhysicalDisk

 **NOTE:** These attributes are applicable only for SAS/SATA drives and not for PCIeSSD.

# Storage.PhysicalDisk.BlockSizeInBytes (Read Only)

Table 11. Storage.PhysicalDisk.BlockSizeInBytes (Read Only)

Attribute values	Attribute description
<b>Description</b>	This is a read-only attribute. This property indicates the logical block size of the physical drive that this virtual disk belongs to.
<b>Legal Values</b>	Values: 512 or 4096
<b>Default value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.BusProtocol (Read Only)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.FullInitialization (Read or Write)

<b>Description</b>	Performs full initialization on the selected physical device. This operation deletes all data on the device.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· True</li><li>· False</li></ul>
<b>Default Value</b>	FALSE
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.RAIDHotSpareStatus (Read and Write)

<b>Description</b>	On RAID controllers, a hot spare is a backup for a disk that fails. The attribute indicates whether a physical disk is Hot Spare and/or the type of hot spare. Configurable via XML configuration only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· No</li><li>· Dedicated</li><li>· Global</li></ul>
<b>Default Value</b>	No
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.MaxCapableSpeed (Read Only)

Table 12. Storage.PhysicalDisk.MaxCapableSpeed (Read Only)

Attribute values	Attribute description
<b>Description</b>	This is a read-only attribute. The property represents the data transfer speed that the disk is capable of.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Unknown</li><li>· 1.5GBPS</li><li>· 3GBPS</li><li>· 6GBPS</li><li>· 12GBPS</li></ul>
<b>Default value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.MediaType (Read Only)

<b>Description</b>	
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.NegotiatedSpeed (Read Only)

<b>Description</b>	Negotiated Speed shows the speed of data transfer that the disk negotiated while spinning up and upon initial communication with the controller. This speed is dependent on the speed of the disk, the capable speed of the controller, the current speed of the controller on that connector, and the speed of the EMM (Enclosure Management Module) on the enclosure.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· 1_5_GBS</li><li>· 3_GBS</li><li>· 6_GBS</li><li>· 12_GBS</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.NominalMediumRotationRate (Read Only)


<b>Description</b>	This attribute represents the nominal medium rotation speed of a physical disk.
<b>Legal Values</b>	None



<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.PhysicalDisk.PCIeSSDSecureErase (Read and Write)

Table 13. Storage.PhysicalDisk.PCIeSSDSecureErase

Attribute values	Attribute description
<b>Description</b>	Performs full initialization on the selected physical device. This operation deletes all data on the device.  <b>NOTE: This attribute is applicable to AHCI PCIe SSDs only. It performs ATA secure erase operation on the device.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· True</li> <li>· False</li> </ul>
<b>Default Value</b>	False
<b>License Required</b>	RACADM
<b>Dependency</b>	None

## Storage.PhysicalDisk.RAIDPDState (Read and Write)

<b>Description</b>	Physical Disk State shows the state of Physical disk that is part of a Virtual Disk. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Unknown</li> <li>· Ready</li> <li>· Online</li> <li>· Foreign</li> <li>· Blocked</li> <li>· Failed</li> <li>· Non-RAID</li> <li>· Missing</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.PhysicalDisk.RaidNominalMediumRotationRate (Read Only)

Table 14. Storage.PhysicalDisk.RaidNominalMediumRotationRate (Read Only)

Attribute value	Attribute description
<b>Description</b>	This is a read-only attribute and represents the nominal medium rotation speed of a physical disk drive.
<b>Legal Values</b>	Values: 2–4294967295
<b>Default value</b>	Not Applicable

Attribute value	Attribute description
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.PhysicalDisk.RaidType

Table 15. Storage.PhysicalDisk.RaidType

Attribute values	Attribute description
<b>Description</b>	Indicates the metadata type on the disk.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· None</li> <li>· Software RAID</li> <li>· Windows Software RAID</li> <li>· Hardware RAID</li> </ul>
<b>Default Value</b>	Not Applicable
<b>License Required</b>	RACADM
<b>Dependency</b>	None

## Storage.PhysicalDisk.SoftwareRAIDMode (Read or Write)

<b>Description</b>	
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Windows</li> <li>· Linux</li> </ul>
<b>Default Value</b>	Windows
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.PhysicalDisk.SystemEraseCapability (Read or Write)

Table 16. Details of Storage.PhysicalDisk.SystemEraseCapability

Attribute values	Attribute description
<b>Description</b>	Indicates the erase capability of the disk
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· SecureErasePD</li> <li>· OverwritePD</li> <li>· Not Supported</li> </ul>
<b>Default Value</b>	Not Applicable
<b>Write Privilege</b>	Configure iDRAC
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.PhysicalDisk.T10PICapability (Read Only)

Table 17. Storage.PhysicalDisk.T10PICapability

Attribute values	Attribute description
<b>Description</b>	This is a read-only attribute. This property indicates if this physical disk drive supports T10 PI.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Incapable</li><li>· Capable</li></ul>
<b>Default value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

# Storage.VirtualDisk

This group contains the attributes that provides details about Storage.VirtualDisk

## Storage.VirtualDisk.RAIDAction (Read or Write)

<b>Description</b>	This pseudo attribute represents RAID action to be performed on the virtual disk. It is used to specify Delete, Create , CreateAuto or Update virtual disk operations. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Create</li><li>· CreateAuto</li><li>· Delete</li><li>· Update</li></ul>
<b>Default Value</b>	Update
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.VirtualDisk.BlockSizeInBytes (Read Only)

Table 18. Storage.VirtualDisk.BlockSizeInBytes

Attribute values	Attribute description
<b>Description</b>	This is a read-only attribute. This property indicates the logical block size of the physical drive that this virtual disk belongs to.
<b>Legal Values</b>	Values: 512 or 4096
<b>Default value</b>	Not Applicable
<b>Write Privilege</b>	Not Applicable
<b>License Required</b>	iDRAC Express or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.VirtualDisk.CachecadeState (Read Only)

<b>Description</b>	This attribute represents the cachecade state of the virtual disk. It can be modified to create a cachecaded virtual disk using XML configuration feature. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Cachecade Virtual Disk</li><li>· Not a Cachecade Virtual Disk</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'

## Storage.VirtualDisk.DedicatedSpare (Read or Write)

<b>Description</b>	This pseudo attribute represents the dedicated spare to be assigned to a virtual disk. It could be set to physical disk FQDD to be assigned as a dedicated spare to the virtual disk. If a Spare is intended to be assigned when RAIDaction is set as CreateAuto, this attribute value should be set to AutoSelect. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· AutoSelect</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.VirtualDisk.DiskCachePolicy (Read or Write)

<b>Description</b>	Set the physical disk caching policy of all members of a Virtual Disk by enabling the Disk Cache Policy. When this feature is enabled, the physical disk writes data to the physical disk cache before writing it to the physical disk. Because it is faster to write data to the cache than to a disk, enabling this feature can improve system performance.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Default</li><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	Default
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.VirtualDisk.InitializationOperation (Read or Write)

<b>Description</b>	This pseudo attribute represents initialization configuration operation to be performed on the virtual disk via XML configuration feature. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· None</li><li>· Fast</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None

<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Update' or 'Create'

## Storage.VirtualDisk.LockStatus (Read Only)

<b>Description</b>	This attribute represents security status of the virtual disk. It is used to secure a virtual disk using XML configuration feature. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· Unlocked</li> <li>· Locked</li> </ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if EncryptionMode is 'Local Key Mananegment' or 'Dell Key Management' and 'KeyID' is set to any valid value.

## Storage.VirtualDisk.Name (Read Only)

<b>Description</b>	Displays the name associated with a Virtual Disk.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.VirtualDisk.PhysicalDiskID (Read or Write)

<b>Description</b>	This is a pseudo attribute for XML configuration feature. It is used for specifying physical disk FQDD for creating a virtual disk. Configurable via XML configuration feature only.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'

## Storage.VirtualDisk.RAIDLevel (Read Only)

<b>Description</b>	This indicates the type of RAID level on the virtual disk. Configurable via XML configuration feature only.
<b>Legal Values</b>	<ul style="list-style-type: none"> <li>· RAID 0</li> <li>· RAID 1</li> <li>· RAID 5</li> <li>· RAID 6</li> <li>· RAID 10</li> <li>· RAID 50</li> <li>· RAID 60</li> </ul>

<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'

## Storage.VirtualDisk.Read Policy (Read or Write)

**Description** The read policies indicate whether or not the controller should read sequential sectors of the virtual disk when seeking data.

**i** **NOTE:** Storage.VirtualDisk.ReadPolicy attribute is read-only for few PERCs—for example, H330.

**Legal Values**

- NoReadAhead
- ReadAhead
- AdaptiveReadAhead

**i** **NOTE:** Previous generations of PERC controllers support read policy settings of No Read Ahead, Read Ahead, and Adaptive Read Ahead. With PERC 8 and PERC 9, the Read Ahead and Adaptive Read Ahead settings are functionally equivalent at the controller level. For backward compatibility purposes, some systems management interfaces and PERC 8 and 9 controllers still allow setting the read policy to Adaptive Read Ahead. While it is possible to set Read Ahead or Adaptive Read Ahead on PERC 8 or PERC 9, there is no functional difference.

<b>Default Value</b>	ReadAhead
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None

## Storage.VirtualDisk.Size (Read Only)

**Description** This indicates the size in bytes of the virtual disk. When creating a virtual disk, size of 0 indicates using full size of the physical disks for the specified RAIDTypes.Configurable via XML configuration feature only.

<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'

## Storage.VirtualDisk.SpanDepth (Read Only)

**Description** This indicates number of spans in the virtual disk.Configurable via XML configuration feature only.

<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'


## Storage.VirtualDisk.SpanLength (Read Only)

<b>Description</b>	This indicates the number of physical disks per span on a virtual disk. Configurable via XML configuration feature only.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'


## Storage.VirtualDisk.StripeSize (Read Only)

<b>Description</b>	This indicates the stripe size of the virtual disk. Configurable via XML configuration feature only.
<b>Legal Values</b>	None
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Applicable only if RAIDaction is 'Create'

## Storage.VirtualDisk.T10PIStatus (Read or Write)

<b>Description</b>	This indicates virtual disks T10PIStatus.  <b>NOTE: Can be disabled only if the current value for this object is enabled.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· Enabled</li><li>· Disabled</li></ul>
<b>Default Value</b>	None
<b>Write Privilege</b>	None
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	Controller needs to support.

## Storage.VirtualDisk.Write Policy (Read or Write)

<b>Description</b>	The write policies specify whether the controller sends a write-request completion signal as soon as the data is in the cache or after it has been written to disk.  <b>NOTE: Storage.VirtualDisk.WritePolicy attribute is read-only for few PERCs—for example, H330.</b>
<b>Legal Values</b>	<ul style="list-style-type: none"><li>· WriteThrough</li><li>· WriteBack</li><li>· WriteBackForce</li></ul>
<b>Default Value</b>	WriteBack
<b>Write Privilege</b>	Server Configuration
<b>License Required</b>	iDRAC Basic, iDRAC Express, or iDRAC Enterprise
<b>Dependency</b>	None