Gigabyte Multiple Server Management Console

Installation and Configuration Guide

Rev. 1.0

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Documentation Classifications

In order to assist in the use of this product, GIGABYTE provides the following types of documentations:

- For detailed product information, carefully read the User's Guide.

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Chapter 1 Getting Started

1-1 Using Your Gigabyte Multiple Server Management Console

Gigabyte Multiple Server management Console has a user-friendly Graphics User Interface (GUI) called the Gigabyte Multiple Server management Console GUI. It is designed to be easy to use. It has a low learning curve because it uses a standard Internet browser. You can expect to be up and running in less than five minutes. This chapter allows you to become familiar with the Gigabyte Multiple Server management Console GUI's various functions. Each function is described in detail.

1-2 Hardware Requirement

Before using Gigabyte Multiple Server Management Console, please check your system for the following required configuration requirements:

- System Processor: 2 GHz and above
- System Memory: Minimum 4 GB RAM
- Free Disk Space: 1000 GB at least
- Node servers : 255 maximum

1-3 Software Requirement

1-3-1 Prerequisites on remote management server

Supported Browsers:

- Internet Explorer 9 or later
- Google Chrome 39.0.2171.65 m or later
- Mozilla Firefox 33.1.1

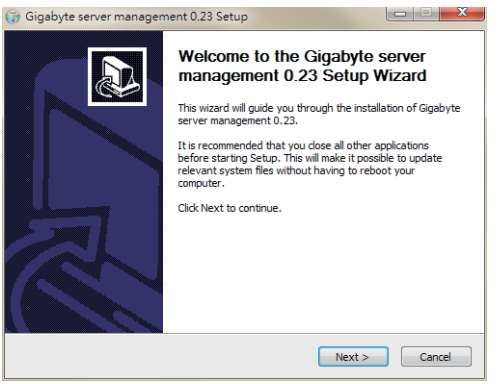
Operating System:

- Windows 2008 & 2012 R2
- Redhat/CentOS 6.3 or later

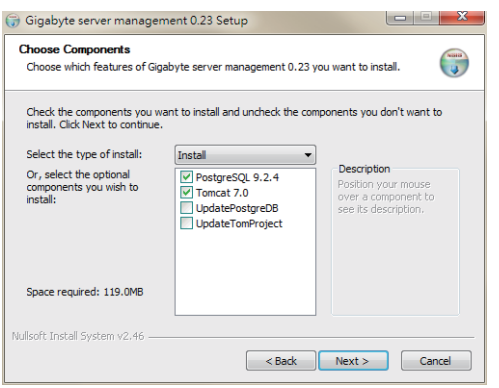
1-4 Installing Gigabyte Multiple Server Management Console (Windows)

1-4-1 Installation Procedure

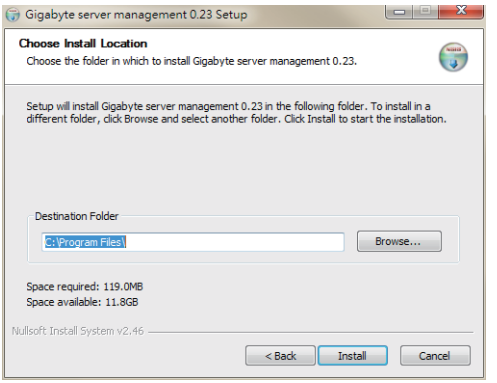
1. Unzip the file and run the program.
2. Then, a series of installation wizards appear.
3. Click **Next**.

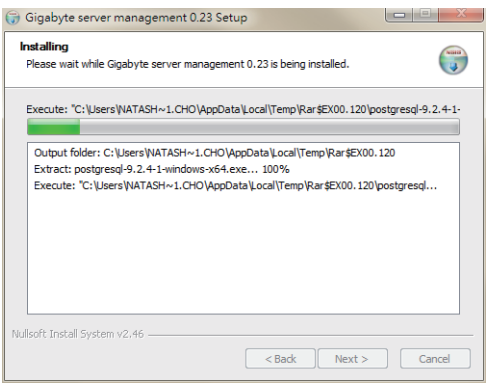


4. Select the components and click **Next**.



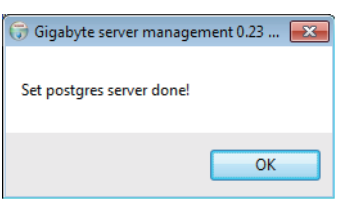
5. Select the file on your local system using the button **Browse**.
6. Click **Install** to start the installation.



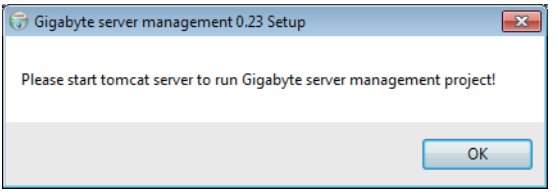


- **Please make sure you have enough space on your hard drive for the program.**

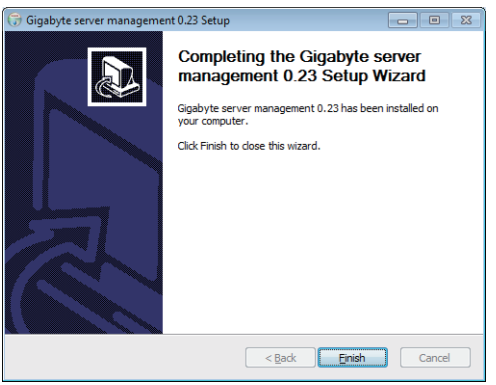
7. PostgresSQL installed sucessfully, click **OK**.



8. Tomcat is installed, click **OK**.

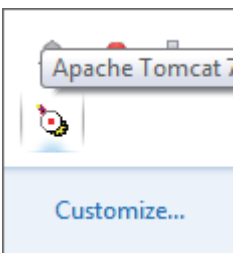


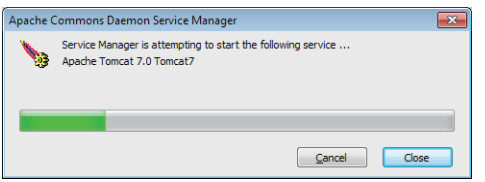
9. Insatalltion completed, click **Finish**.



1-4-2 Running Tomcat

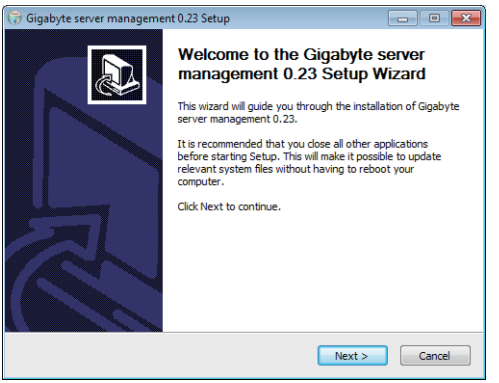
1. Right click the Tomcat icon from the system tool bar.
2. Click **Start Service**, Tomcat will start running Gigabyte Multiple Server Management Console.
3. Open a browser and enter the client server IP address.
4. See **Chapter 2** for configuration of Gigabyte Multiple Server Management Console.



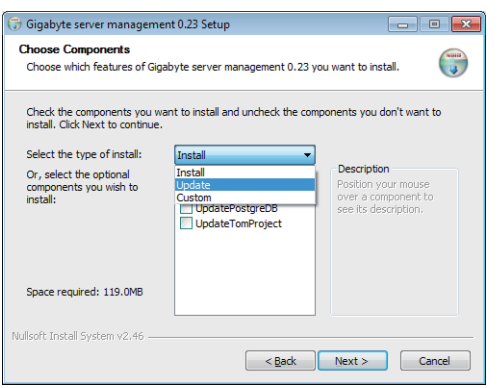


1-4-3 Upgrade Procedure

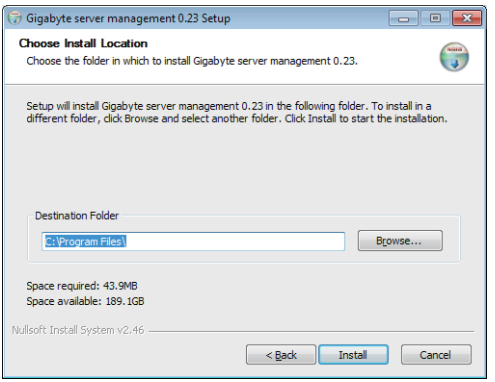
1. Unzip the file and run the program.
2. Follow the steps below to upgrade the existing program.
3. Click **Next**.



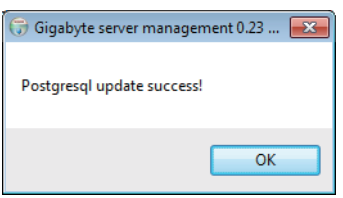
4. Select the components and click **Next**.



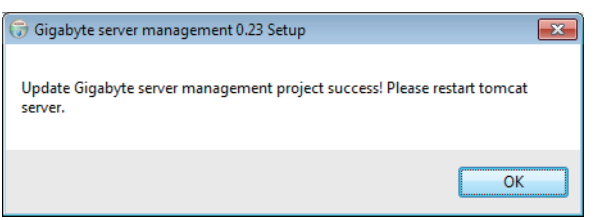
5. Select the file on your local system using the button **Browse**.
6. Click **Install** to start the installation.



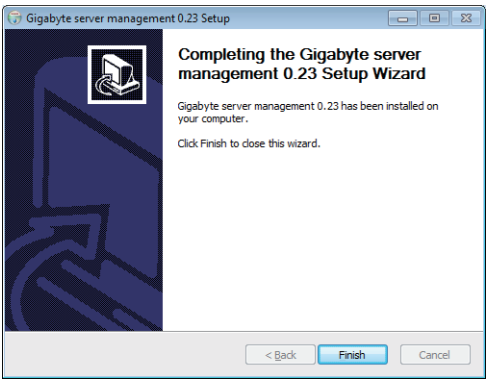
7. PostgresSQL upgraded sucessfully, click **OK**.



8. Tomcat is installed, click **OK**.



9. Upgrade completed, click **Finish**.



1-5 Installing Gigabyte Multiple Server Management Console (Linux)

1-5-1 Tomcat Installation Procedure

1. Unzip apache-tomcat-7.0.47.tar.gz
   tar -zxvf apache-tomcat-7.0.47.tar.gz

2. Move apache-tomcat-7.0.47 to /root/tomcat7
   mv apache-tomcat-7.0.47 /root/tomcat7

3. Move zeus.war to /root/tomcat7/webapps
   mv zeus.war /root/tomcat7/webapps

4. Execute startup.sh
   cd /root/tomcat7/bin
   ./startup.sh

1-5-2 PostgreSQL Installation Procedure

1. Remove the old PostgreSQL package.
   yum remove postgresql*

2. Locate and edit your distributions .repo file, located:
   [CentOS] vi /etc/yum.repos.d/CentOS-Base.repo ([base] and [updates] sections)
   [Red Hat] vi /etc/yum/pluginconf.d/rhnplugin.conf ([main] section)

3. To the section(s) identified above, you need to append a line:
   exclude=postgresql*

4. Download PGDG RPM file
   [CentOS] curl -O
   http://yum.postgresql.org/9.3/redhat/rhel-6-x86_64/pgdg-centos93-9.3-1.noarch.rpm
   [Red Hat] curl -O
   http://yum.postgresql.org/9.3/redhat/rhel-6-x86_64/pgdg-redhat93-9.3-1.noarch.rpm

5. Install PGDG RPM file
   [CentOS] rpm -ivh pgdg-centos93-9.3-1.noarch.rpm
   [Red Hat] rpm -ivh pgdg-redhat93-9.3-1.noarch.rpm

6. Install PostgreSQL
   yum install postgresql93-server
7. Initialize
   service postgresql-9.3 initdb
8. Startup
   chkconfig postgresql-9.3 on

1-5-3 Restore dbRMCv0XX.backup

1. Modify pg_hba.conf file
   vi /var/lib/pgsql/9.3/data/pg_hba.conf

2. Edit

TYPE	DATABASE	USER	ADDRESS	METHOD
Local	all	all→postgres		peer→trust
host	all	all→postgres	127.0.0.1/32	indent→trust
host	all	all→postgres	::1/128	indent→trust

:wq to save edited file.

3. Start service
   service postgresql-9.3 start

4. Create database
   createdb -U postgres dbRMC

5. Restore dbRMCv0XX.backup to database
   pg_restore -h 127.0.0.1 -p 5432 -U postgres -d dbRMC -v "dbRMCv0XX.backup"

1-5-4 pgadminIII Installation Procedure (Optional)

[CentOS]

1. Install pgadmin3
   yum install pgadmin3_93

2. Execute pgadmin3
   pgadmin3 &

3. File -> Add server

[Redhat]

1. Get wxBase
   curl -O
   http://yum.postgresql.org/9.2/redhat/rhel-6.5-x86_64/wxBase-2.8.12-1.el6.x86_64.rpm

2. Install wxBase
   rpm -ivh wxBase-2.8.12-1.el6.x86_64.rpm

3. Get wxGTK
   curl -O
   http://yum.postgresql.org/9.2/redhat/rhel-6.5-x86_64/wxGTK-2.8.12-1.el6.x86_64.rpm

4. Install wxGTK
   rpm -ivh wxGTK-2.8.12-1.el6.x86_64.rpm

5. Get PgAdmin3
   curl -O
   http://yum.postgresql.org/9.3/redhat/rhel-6.5-x86_64/pgadmin3_93-1.18.1-2.rhel6.x86_64.
   rpm

6. Install PgAdmin3
   rpm -ivh pgadmin3_93-1.18.1-2.rhel6.x86_64.rpm

7. Execute pgadmin3
   pgadmin3 &

8. File -> Add server

1-5-5 Login Gigabyte Multiple Server Management Console

1. Open a browser and enter Database IP address
   localhost

2. Enter Database User Name
   postgres

- **This utility supported CentOS 6.3 or later version.**
- **PostgreSQL must be execute in root authority.**
- **In Fedora 19, you have to install package in the following:**

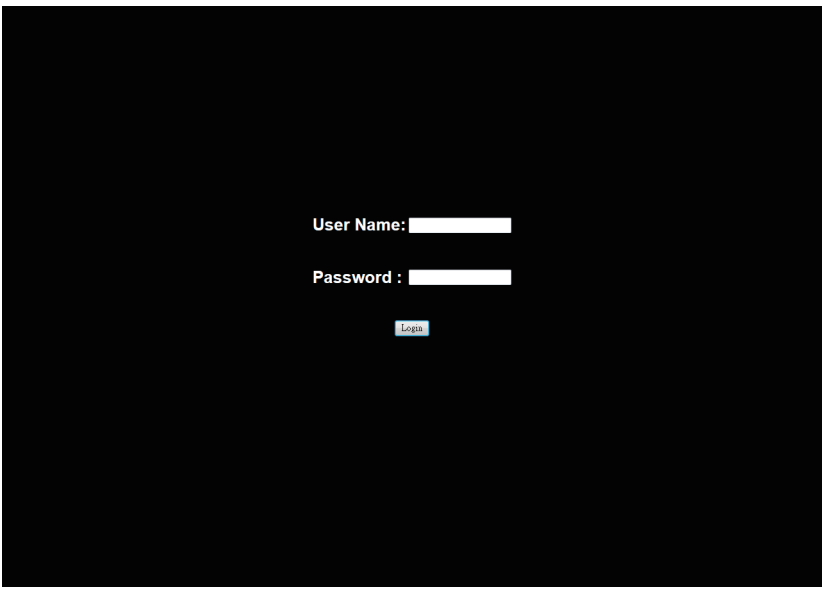
  Locate and edit your distributions .repo file, located:
  vi /etc/yum.repos.d/fedora.repo and /etc/yum.repos.d/fedora-updates.repo ([fedora] sections)

  Install PGDG RPM file:
  curl -O
  http://yum.postgresql.org/9.3/redhat/rhel-6-x86_64/pgdg-centos93-9.3-1.noarch.rpm

  Initialize:
  /usr/pgsql-9.3/postgresql93-setup initdb

Chapter 2 Gigabyte Multiple Server Management Console

2-1 Overview



1. Open a web browser and type in your identified IP. The IP address can be found using your DHCP server.
2. A dialog box prompts you to enter Username and Password.
3. Enter the following values:
   - Username: **admin**
   - Password: **password**

- **The default user name and password are in lower-case characters.**
- **When you log in using the root user name and password, you have full administrative powers. It is advised that once you log in, you change the root password.**

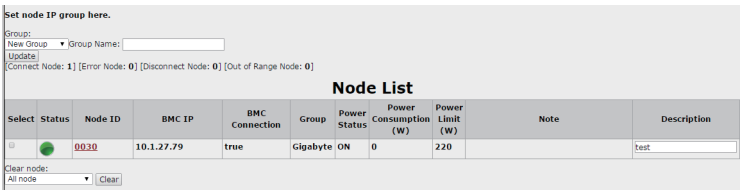
2-2 Enter Gigabyte Multiple Server Management Console

After you successfully log into your Gigabyte Multiple Server Management Console, the Remote Management Console GUI appears.

2-2-1 Node Info

Node Info displays the Node List information and Group Information of current remote client system.

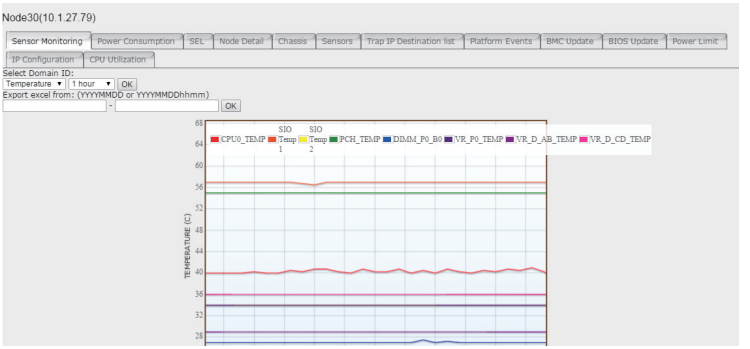
Node list



Parameter	Decription/Resulting Action
Select	Check **Select** box to configure connected nodes in the same group. To create a new group, follow the steps outlined **2-2-2. Create Group Guide** in **Help** page.
Status	There are four type of Status: • Out of range (no monitoring) • Warning • Connected • Disconnected
Node ID	Displays the connected Node ID information. Click on selected ID to view the Node health information.
BMC IP	Displays the Node BMC IP address.
BMC Connection	Displays the Node BMC connection status.
Group	Displays the Node group information. If a node is defined as specified group, user also can find the node group information in **Group Info** of the menu tree from left window.

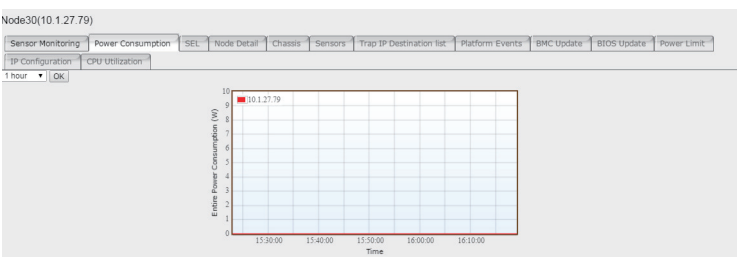
Power Status	Displays the Node power status. There are three type of power status: • ON • OFF • N/A
Power Consumption	Displays the Node power consumption support status.
Power Limit	Displays the Node power limit status.
Note	Note for node status.
Description	User can add description for selected node.

2-2-1-1 Node ID
Sensor Monitoring



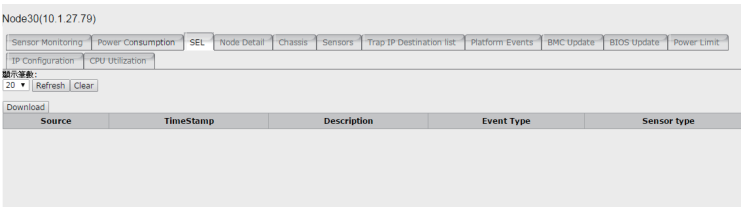
Parameter	Decription/Resulting Action
Sensor Monitoring	Displays the Temperatures sensors of a remote node system. Select Domain ID from the drop-down list, when you finish the configuration, click **OK**. To export the sensor report, set time boundaries and click **OK** to export the excel file.

Power Consumption



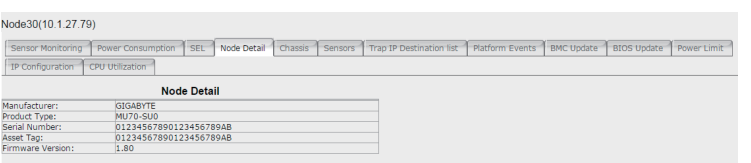
Parameter	Decription/Resulting Action
Power Consumption	Displays the power consumption of a remote node system. When you finish the configuration, click **OK**.

SEL



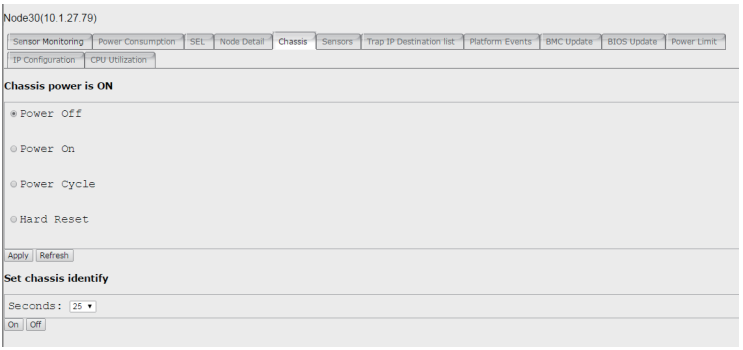
Parameter	Decription/Resulting Action
SEL	Displays the connected Node SEL information. Click **Refresh** to update current system SEL. Click **Clear** to clear current system SEL.

Node Detail



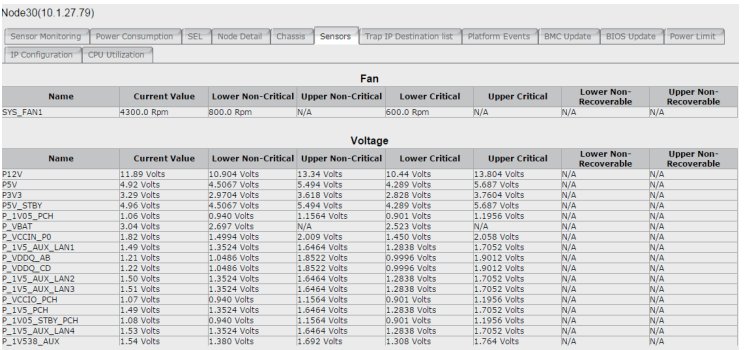
Parameter	Decription/Resulting Action
Node Detail	Displays the Node system information including **Manunfacturer, Product type, Serial number**, **Asset Tag** , and **Firmware Version**.

Chassis



Parameter	Decription/Resulting Action
Chassis	Chassis Power Control: Power control function to power on/off/cycle and hard reset the remote host system. When you finish the configuration, click **Apply**. Click **Refresh** to update current system power control status.
	Set Chassis Identify: Define timeout to power on or power off the system. Define the timeout from the drop-down list, when you finish the configuration, click **ON** to power on system. Click **OFF** to power off system.

Sensor



Node30(10.1.27.79)

Sensor Monitoring | Power Consumption | SEL | Node Detail | Chassis | Sensors | Trap IP Destination list | Platform Events | BMC Update | BIOS Update | Power Limit | IP Configuration | CPU Utilization

Fan

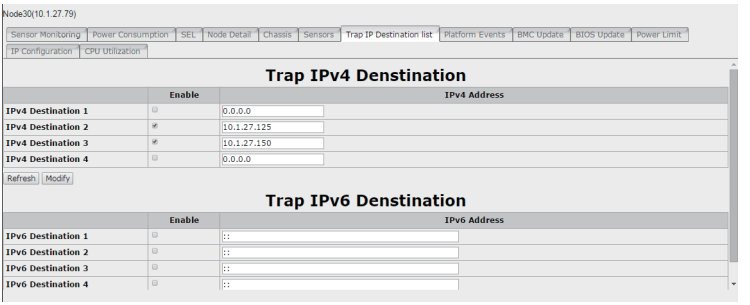
Name	Current Value	Lower Non-Critical	Upper Non-Critical	Lower Critical	Upper Critical	Lower Non-Recoverable	Upper Non-Recoverable
SYS_FAN1	4300.0 Rpm	800.0 Rpm	N/A	600.0 Rpm	N/A	N/A	N/A

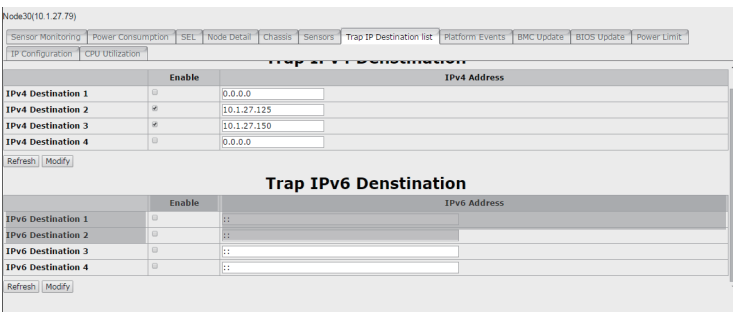
Voltage

Name	Current Value	Lower Non-Critical	Upper Non-Critical	Lower Critical	Upper Critical	Lower Non-Recoverable	Upper Non-Recoverable
P12V	11.89 Volts	10.904 Volts	13.34 Volts	10.44 Volts	13.804 Volts	N/A	N/A
P5V	4.92 Volts	4.5067 Volts	5.494 Volts	4.289 Volts	5.687 Volts	N/A	N/A
P3V3	3.29 Volts	2.9704 Volts	3.618 Volts	2.828 Volts	3.7604 Volts	N/A	N/A
P5V_STBY	4.96 Volts	4.5067 Volts	5.494 Volts	4.289 Volts	5.687 Volts	N/A	N/A
P_1V05_PCH	1.06 Volts	0.940 Volts	1.1564 Volts	0.901 Volts	1.1956 Volts	N/A	N/A
P_VBAT	3.04 Volts	2.697 Volts	N/A	2.523 Volts	N/A	N/A	N/A
P_VCCIN_P0	1.82 Volts	1.4994 Volts	2.009 Volts	1.450 Volts	2.058 Volts	N/A	N/A
P_1V5_AUX_LAN1	1.49 Volts	1.3524 Volts	1.6464 Volts	1.2838 Volts	1.7052 Volts	N/A	N/A
P_VDDQ_AB	1.21 Volts	1.0486 Volts	1.8522 Volts	0.9996 Volts	1.9012 Volts	N/A	N/A
P_VDDQ_CD	1.22 Volts	1.0486 Volts	1.8522 Volts	0.9996 Volts	1.9012 Volts	N/A	N/A
P_1V5_AUX_LAN2	1.50 Volts	1.3524 Volts	1.6464 Volts	1.2838 Volts	1.7052 Volts	N/A	N/A
P_1V5_AUX_LAN3	1.51 Volts	1.3524 Volts	1.6464 Volts	1.2838 Volts	1.7052 Volts	N/A	N/A
P_VCCIO_PCH	1.07 Volts	0.940 Volts	1.1564 Volts	0.901 Volts	1.1956 Volts	N/A	N/A
P_1V5_PCH	1.49 Volts	1.3524 Volts	1.6464 Volts	1.2838 Volts	1.7052 Volts	N/A	N/A
P_1V05_STBY_PCH	1.08 Volts	0.940 Volts	1.1564 Volts	0.901 Volts	1.1956 Volts	N/A	N/A
P_1V5_AUX_LAN4	1.53 Volts	1.3524 Volts	1.6464 Volts	1.2838 Volts	1.7052 Volts	N/A	N/A
P_1V538_AUX	1.54 Volts	1.380 Volts	1.692 Volts	1.308 Volts	1.764 Volts	N/A	N/A

Parameter	Decription/Resulting Action
Sensor	Displays the status of node power consumption/fan speed/temperature. Each sensor displays different color to indicate the health status of a specified device.

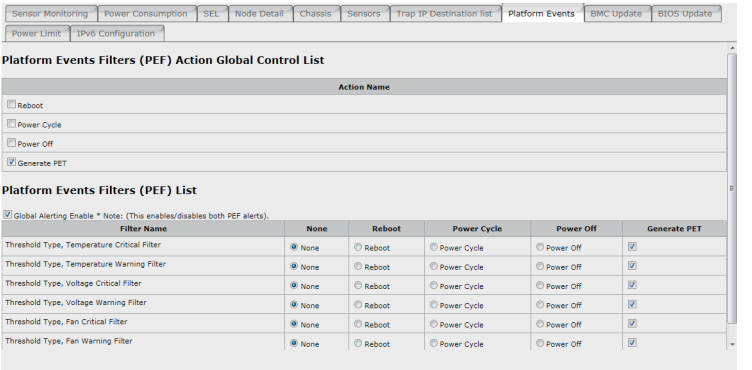
Trap IP Destination List





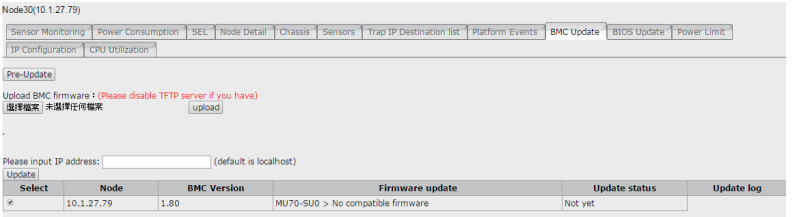
Parameter	Decription/Resulting Action
Trap IP Destination List	Displays the Trap IP dstination list. IPv6 and IPv4 are two completely separate protocols. IPv6 is not backwards compatible with IPv4, and IPv4 hosts and routers will not be able to deal directly with IPv6 traffic. IPv6 has a significantly larger address space than IPv4. This results from the use of a 128-bit address, whereas IPv4 uses only 32 bits. To update the Trap IP Destination List, click **Refresh**. To configure Trap IPv4/IPv6 Denstination, check **Enable** box, enter IP address and click **Modify**.

Platform Events



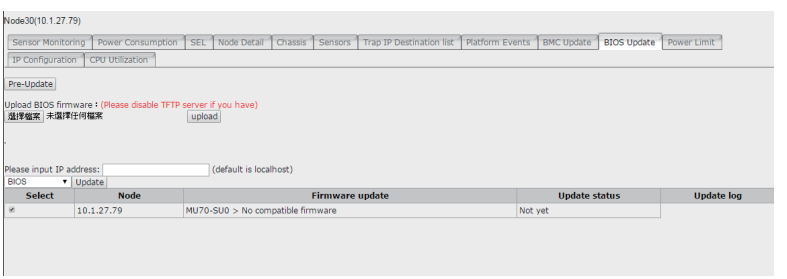
Parameter	Decription/Resulting Action
Platform Events	A platform event filter (PEF) can trigger an action and generate an alert when a critical hardware-related event occurs. For each PEF, you can choose the action to be taken when a platform event occurs. You can also choose to generate and send an alert when a platform event occurs. In the Platform Events screen, you can enable the generation of platform event alerts globally by clicking Global Alerting Enable. When you finish the configuration, click **Set**. Click **Get** to update current PFE list.

BMC Update



Parameter	Decription/Resulting Action
BMC Update	BMC firmware can be updated remotely. Select the file on your local system using **Browse**. Click **Upload** to update to the new version of firmware. **Pre-Update** provides the feature for checking whether the selected updating file is valid. After clicking **Pre-Update,** the result will be lised in the table of **Firmware Update** parameter. We also recommand you to input the local node IP address to ensure the firmware is updated sucessfully. For detail intruction of BMC firmware update, follow the steps outlined **2. BMC Update Guide** in **Help** page.

BIOS Update



Parameter	Decription/Resulting Action
BIOS Update	BIOS can be updated remotely. Select the file on your local system using Browse. Click **Upload** to update to the new version of firmware. For detail intruction of BIOS update, follow the steps outlined **3. BIOS Update Guide** in **Help** page.

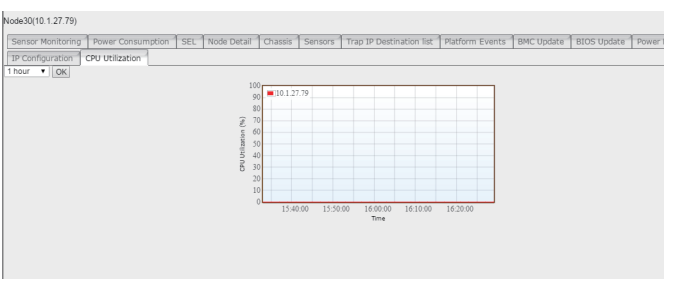
Power Limit

Parameter	Decription/Resulting Action
Power Limit	Input the desired value in the respective columns. When you finish the configuration, click **Update**. To re-configure the power limit value, click **Deactivate**.

IP Configuration

Parameter	Decription/Resulting Action
IP Configuration	Enable/Disable IPv6 Configuration. When you finish the configuration, click **Update**.

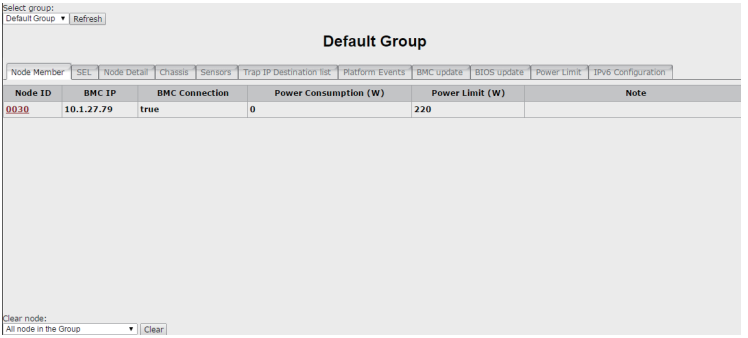
CPU Utilization



Parameter	Decription/Resulting Action
CPU Utilization	Displays the processor utilization information of a remote node system. User can select the time slot by the drop-down list. When you finish the configuration, click **OK**.

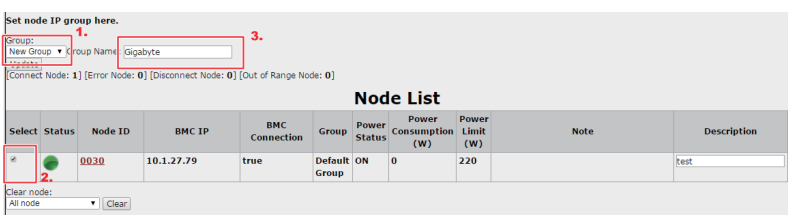
2-2-2 Group Info

Group Info displays the Grouped Node List information of current remote client system.



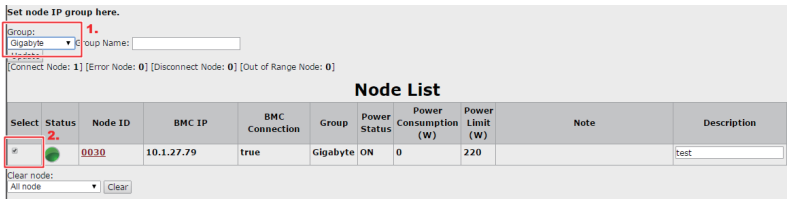
How to Create a Group

1. Go to **Node List** page. Check the box of the node you want to create to a new group.
2. Select New Group from the drop-down list.
3. Define new group name in the respective column.
4. When finish configuration, click **Update**.



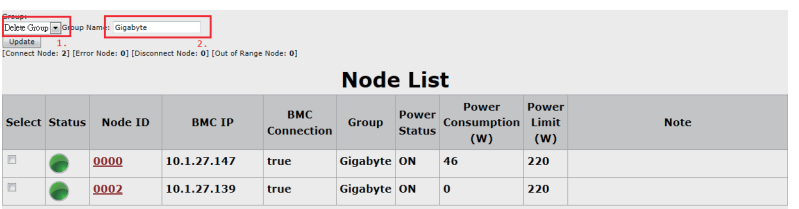
How to Add a Node to Specified Group

1. Check the box of the node you want to add to the specified group.
1. Select the specified group from the drop-down list.
2. When finish configuration, click **Update**.



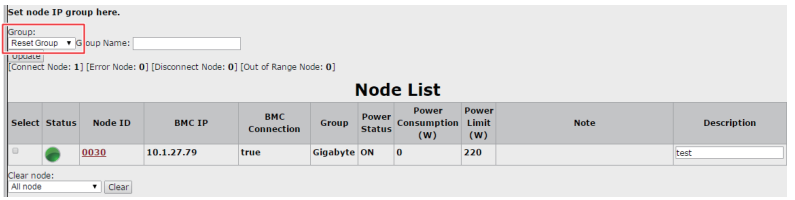
How to Delete a Node from Group

1. Check the box of the node you want to delete.
2. Select the **Delete Group** from the drop-down list.
3. When finish configuration, click **Update**.

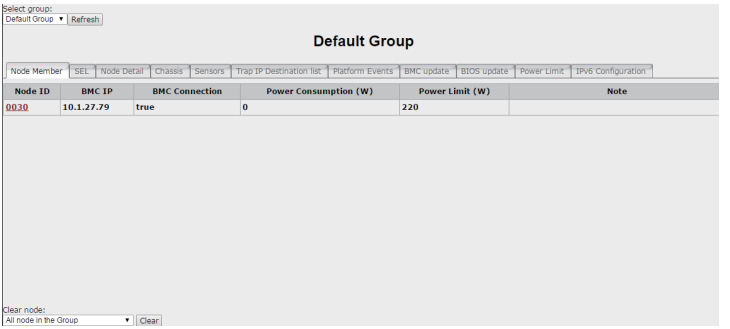


How to Reset Group

1. Select the **Reset Group** from the drop-down list.
2. When finish configuration, click **Update**.



2-2-2-1 Group Management



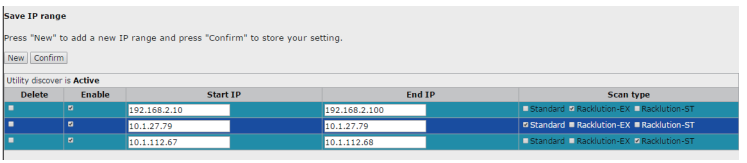
Parameter	Decription/Resulting Action
Node Member	Displays the connected Node ID information. Click on selected ID to view the Node health information.
SEL	Displays the connected Node SEL information. Click **Refresh** to update current group SEL. Click **Clear** to clear current group SEL.
Node Detail	Displays the grouped Node FRU information. Click **Refresh** to update current Node FRU LIST.
Chassis	Chassis Power Control: Power control function to power on/off/cycle and hard reset the remote host system. When you finish the configuration, click **Apply**. Click **Refresh** to update current system power control status.
	Set Chassis Identify: Define timeout to power on or power off the system. Define the timeout from the drop-down list, when you finish the configuration, click **ON** to power on system. Click **OFF** to power off system.

Sensor	Displays the status of node power consumption/fan speed/temperature. Each sensor displays different color to indicate the health status of a specified device. Select the specified device from the drop-down list and click **Refresh** tp update system health status.
Trap IP Destination	Displays the Trap IP dstination list. IPv6 and IPv4 are two completely separate protocols. IPv6 is not backwards compatible with IPv4, and IPv4 hosts and routers will not be able to deal directly with IPv6 traffic. IPv6 has a significantly larger address space than IPv4. This results from the use of a 128-bit address, whereas IPv4 uses only 32 bits. To update the Trap IP Destination List, click **Refresh**. To configure Trap IPv4/IPv6 Denstination, check **Enable** box, enter IP address and click **Modify**.
Platform Events	A platform event filter (PEF) can trigger an action and generate an alert when a critical hardware-related event occurs. For each PEF, you can choose the action to be taken when a platform event occurs. You can also choose to generate and send an alert when a platform event occurs. In the Platform Events screen, you can enable the generation of platform event alerts globally by clicking Global Alerting Enable.
BMC Update	BMC firmware can be updated remotely. Select the file on your local system using Browse. Click **Upload** to update to the new version of firmware. For detail intruction of BMC firmware update, follow the steps outlined **2. BMC Update Guide** in **Help** page.
BIOS Update	BIOS can be updated remotely. Select the file on your local system using Browse. Click **Upload** to update to the new version of firmware. For detail intruction of BIOS update, follow the steps outlined **3. BIOS Update Guide** in **Help** page.
Power Limit	Input the desired value in the respective columns. When you finish the configuration, click **Update**. To re-configure the power limit value, click **Deactivate**.
IPv6 Configuration	Enable/Disable IPv6 Configuration. When you finish the configuration, click **Update**.

2-2-3 IP Discover

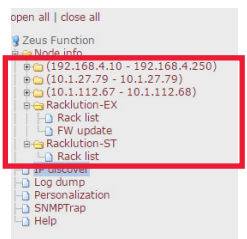
User can specify the IP range that is scanned during the normal discovery run. Follow steps lutlined below to configure IP discover.

1. On the IP Discover page, Click **New** to specify the IP range in the respective columns.
2. Select **Scan Type**.
3. When you finish the configuration, click **Confirm** to to save your configuration.



2-2-3-1 Scan Type

User can specify scan type by checking box in the **Scan type** parameters. Scanning result will be listed the left hand side of the Page.



Please note that when scan type is configured as **Standard server**, the system will list the nodes which was configured in the IP range in a tree list on the left side of the page.

When scan type is configured as **Racklution-EX** or **Racklution-ST**, the system will list the specified Racklution-EX or Racklution-ST nodes in a tree list on the left side of the page.

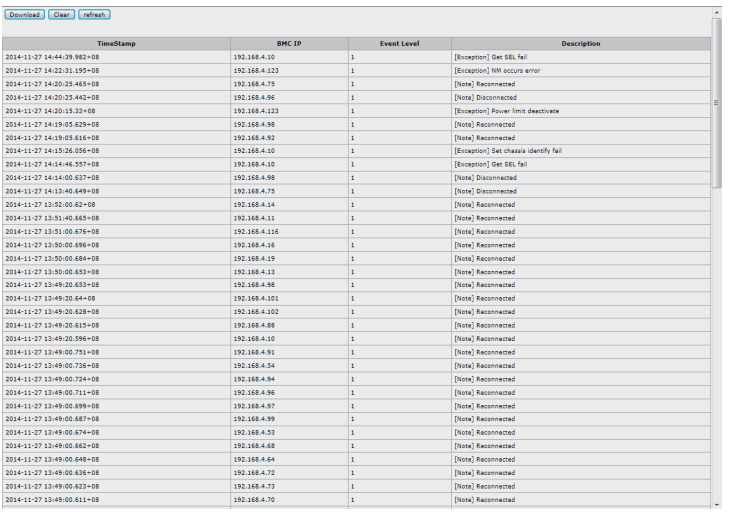
2-2-4 Log Dump

Log Dump records the event when sensor has an abnormal state. When the log matches the pre-defined alert, the system sends out the notification automatically, if it is pre-configured.

To download the event log, just click **Download.**

To clear the event log, just click **Clear Log**.

To refresh the event log, just click **Refresh**.



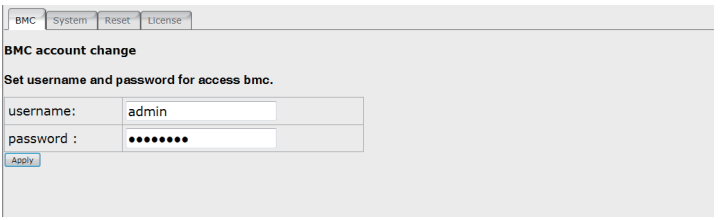
TimeStamp	BMC IP	Event Level	Description
2014-11-27 14:44:39.982+08	192.168.4.10	1	[Exception] Get SEL fail
2014-11-27 14:22:31.195+08	192.168.4.123	1	[Exception] NM occurs error
2014-11-27 14:20:25.465+08	192.168.4.75	1	[Note] Reconnected
2014-11-27 14:20:25.442+08	192.168.4.96	1	[Note] Disconnected
2014-11-27 14:20:15.33+08	192.168.4.123	1	[Exception] Power limit deactivate
2014-11-27 14:19:05.629+08	192.168.4.98	1	[Note] Reconnected
2014-11-27 14:19:05.616+08	192.168.4.92	1	[Note] Reconnected
2014-11-27 14:15:26.056+08	192.168.4.10	1	[Exception] Get chassis identify fail
2014-11-27 14:14:46.557+08	192.168.4.10	1	[Exception] Get SEL fail
2014-11-27 14:14:00.637+08	192.168.4.98	1	[Note] Disconnected
2014-11-27 14:13:40.649+08	192.168.4.75	1	[Note] Disconnected
2014-11-27 13:52:00.62+08	192.168.4.14	1	[Note] Reconnected
2014-11-27 13:51:40.665+08	192.168.4.11	1	[Note] Reconnected
2014-11-27 13:51:00.676+08	192.168.4.116	1	[Note] Reconnected
2014-11-27 13:50:00.696+08	192.168.4.16	1	[Note] Reconnected
2014-11-27 13:50:00.684+08	192.168.4.19	1	[Note] Reconnected
2014-11-27 13:50:00.653+08	192.168.4.13	1	[Note] Reconnected
2014-11-27 13:49:20.653+08	192.168.4.98	1	[Note] Reconnected
2014-11-27 13:49:20.64+08	192.168.4.101	1	[Note] Reconnected
2014-11-27 13:49:20.628+08	192.168.4.102	1	[Note] Reconnected
2014-11-27 13:49:20.615+08	192.168.4.88	1	[Note] Reconnected
2014-11-27 13:49:20.596+08	192.168.4.10	1	[Note] Reconnected
2014-11-27 13:49:00.751+08	192.168.4.91	1	[Note] Reconnected
2014-11-27 13:49:00.736+08	192.168.4.54	1	[Note] Reconnected
2014-11-27 13:49:00.724+08	192.168.4.94	1	[Note] Reconnected
2014-11-27 13:49:00.711+08	192.168.4.96	1	[Note] Reconnected
2014-11-27 13:49:00.699+08	192.168.4.97	1	[Note] Reconnected
2014-11-27 13:49:00.687+08	192.168.4.99	1	[Note] Reconnected
2014-11-27 13:49:00.674+08	192.168.4.53	1	[Note] Reconnected
2014-11-27 13:49:00.662+08	192.168.4.68	1	[Note] Reconnected
2014-11-27 13:49:00.648+08	192.168.4.64	1	[Note] Reconnected
2014-11-27 13:49:00.636+08	192.168.4.72	1	[Note] Reconnected
2014-11-27 13:49:00.623+08	192.168.4.73	1	[Note] Reconnected
2014-11-27 13:49:00.611+08	192.168.4.70	1	[Note] Reconnected

- **To diagnose a error, please refer 3-1 Exception List for detail decription or troubleshooting.**

2-2-5 Personalization

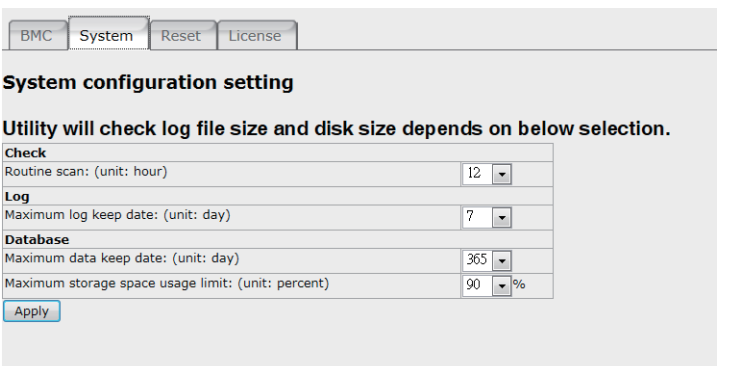
You can configure the user access privilege settings on this screen.

BMC



Parameter	Decription/Resulting Action
BMC	Define the User Name and Password.

System

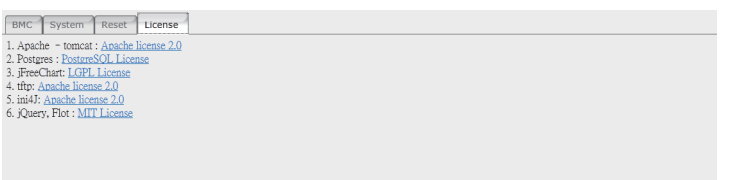


Parameter	Decription/Resulting Action
System	System general configuration setting Check system log file size and disk size by configuring Check/ Log/Database functions. When you finish configuration, click **Apply**.

Reset

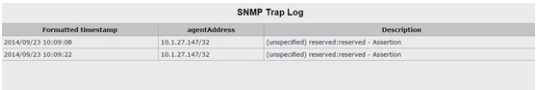
Parameter	Decription/Resulting Action
Reset parameter to default	Click **Apply** to reset all parameter incluing BMC account, System value, IP range information to default values.
Reset database to default	Click **Clear all database** to reset all database to default status. Please note that all recorded logs will be cleaned when this function is activated.

License



Parameter	Decription/Resulting Action
License	Displays all licensed information.

2-2-6 SNMP Trap


SNMP Trap Log

Formatted timestamp	agentAddress	Description
2014/09/23 10:09:08	10.1.27.147/32	(unspecified) reserved:reserved - Assertion
2014/09/23 10:09:22	10.1.27.147/32	(unspecified) reserved:reserved - Assertion

Parameter	Decription/Resulting Action
Formatted timestamp	Displays the time when trap is sent by connected node.
Agent address	Displays the agent address information.
Description	Describes the type of errors or logs.

Chapter 3 Appendix

3-1 Exception List

Exception	Description
Get node statistic fail	Network is not connected or BMC is busy.
NM occurs error	Network is not connected or node management related command failed too many times.
Set and activate power limit fail	Network is not connected or BMC is busy.
Deactivate power limit fail	Network is not connected or BMC is busy.
Get SEL fail	Network is not connected or BMC is busy.
Get SDR fail	May indicate the following: • Network is not connected • BMC is busy • System is powered off
Set trap IP/enable destination fail	Network is not connected or BMC is busy.
Set platform events fail	Network is not connected or BMC is busy.
Set IPv6 trap IP/enable destination fail	Network is not connected or BMC is busy.
Get platform events fail	Network is not connected or BMC is busy.
Get IPv6 trap IP/enable destination fail	Network is not connected or BMC is busy.
Match rack node info fail	Connection timeout between client and host system.
Match RMC/BMC IP fail	Connection timeout between client and host system.
Get FRU fail	Network is not connected or BMC is busy.
Save Event Log to log file fail	Can not access database, please check status of database.
Copy catalina file fail	Server log is lost. Please restart tomcat server.
Close file channel fail	Server log is lost. Please restart tomcat server.
Get power status fail	Network is not connected or BMC is busy.
Send chassis command fail	Network is not connected or BMC is busy.
Set IPv6 enable/disable configuration fail	Network is not connected or BMC is busy.
Get power reading fail	Network is not connected or BMC is busy.
Get CPU temperature fail	Network is not connected or BMC is busy.
Set boot option fail	Network is not connected or BMC is busy.
Set chassis identify fail	Network is not connected or BMC is busy.
Power limit deactivate	Power limit is deactivate.