

Dell PowerStore

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February 2025

Revisions

Date	Description
May 2020	Initial release
December 2020	Version updates for some licenses, and addition and deletion of other components
June, 2021	Version updates for some licenses, and addition and deletion of other components
January 2022	Updates for PowerStore Ver. 2.1
July 2022	Updates for PowerStore Version 3.0.0
October 2022	Updates for PowerStore Version 3.2.0 including NVMe Expansion Enclosure and SDNAS containers
May 2023	Updates for PowerStore Version 3.5.0 including NVMe Expansion Enclosure and SDNAS containers
October 2023	Updates for PowerStore Version 3.6.0 including NVMe Expansion Enclosure and SDNAS containers
May 2024	Updates for PowerStore Version 4.0.0 including NVMe Expansion Enclosure and SDNAS containers
February 2025	Updates for PowerStore Version 4.1.0 including NVMe Expansion Enclosure and SDNAS containers

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Table of contents

Revisions	2
Table of contents	3
1 GNU General Public License version 3 (GPL-3.0).....	4
1.1 Core Containers (SLES).....	4
1.2 Base System (SLES).....	5
1.3 NVMe Expansion Enclosure (CentOS)	6
1.4 SDNAS Container (SLES).....	7
1.5 GNU General Public License.....	8
2 GPL-3.0 GCC Runtime Library Exception	17
2.1 Core Containers (SLES).....	17
2.2 Base System (SLES).....	18
2.3 NVMe Expansion Enclosure (CentOS)	18
2.4 SDNAS Container (SLES).....	18
2.5 GCC Runtime Library Exception.....	18
3 GNU Lesser General Public License version 3 (LGPL-3.0).....	19
3.1 Core Containers (SLES).....	20
3.2 Base System (SLES).....	20
3.3 NVMe Expansion Enclosure (CentOS)	20
3.4 SDNAS Container (SLES).....	21
3.5 GNU Lesser General Public License.....	21
4 GNU Lesser General Public License version 3 with OpenSSL Exception	23
4.1 Core Containers (SLES).....	23
4.2 Base System (SLES).....	23
4.3 OpenSSL Exception.....	24

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1.1 Core Containers (SLES)

arp-scan	1.9.7	https://github.com/royhills/arp-scan
bash	4.4	http://www.gnu.org/software/bash/bash.html
bash-sh	4.4	http://www.gnu.org/software/bash/bash.html
binutils	2.41	https://www.gnu.org/software/binutils/
catatonit	0.1.7	https://github.com/openSUSE/catatonit
coreutils	8.32	https://www.gnu.org/software/coreutils/
cpio	2.13	https://www.gnu.org/software/cpio/cpio.html
crash	7.3.0	https://crash-utility.github.io/
diffutils	3.6	https://www.gnu.org/software/diffutils/
elfutils	0.185	https://sourceware.org/elfutils/
findutils	4.8.0	https://www.gnu.org/software/findutils/
gawk	4.2.1	http://www.gnu.org/software/gawk/
gpg2	2.2.27	https://www.gnupg.org
grep	3.1	https://www.gnu.org/software/grep/
groff	1.22.4	http://www.gnu.org/software/groff/groff.html
gzip	1.10	http://www.gnu.org/software/gzip/
haveged	1.9.14	https://github.com/jirka-h/haveged
info	6.5	https://www.gnu.org/software/texinfo/
libassuan0	2.5.5	https://www.gnupg.org/related_software/libassuan/index.en.html
libaugeas0	1.12.0	https://augeas.net/
libctf-nobfd0	2.41	https://www.gnu.org/software/binutils/
libctf0	2.41	https://www.gnu.org/software/binutils/
libgdbm4	1.12	https://www.gnu.org.ua/software/gdbm/
libgpgme11	1.16.0	https://www.gnupg.org/related_software/gpgme/
libhavege2	1.9.14	https://github.com/jirka-h/haveged
libparted0	3.2	http://www.gnu.org/software/parted/
libreadline7	7.0	http://www.gnu.org/software/bash/bash.html
libsource-highlight4	3.1.9	https://www.gnu.org/software/src-highlight
libtasn1	4.13	https://www.gnu.org/software/libtasn1/
libtasn1-6	4.13	https://www.gnu.org/software/libtasn1/
libunistring2	0.9.10	http://www.gnu.org/software/libunistring/
makeinfo	6.5	https://www.gnu.org/software/texinfo/
parted	3.2	http://www.gnu.org/software/parted/
python2-pyparsing	2.4.7	https://github.com/pyparsing/pyparsing/
python3-gpg	1.16.0	https://www.gnupg.org/related_software/gpgme/
python3-pyparsing	2.4.7	https://github.com/pyparsing/pyparsing/

resource-agents	4.10.0+git 40.0f4de4 73	http://linux-ha.org/
rsync	3.2.3	https://rsync.samba.org/
rsyslog	8.2312.0	http://www.rsyslog.com/
rsyslog-module-oss1	8.2312.0	http://www.rsyslog.com/
screen	4.6.2	http://www.gnu.org/software/screen/
sed	4.4	https://www.gnu.org/software/sed/
tar	1.34	https://www.gnu.org/software/tar/
thin-provisioning-tools	0.7.5	https://github.com/jthorner/thin-provisioning-tools/
wget	1.20.3	https://www.gnu.org/software/wget/
which	2.21	https://savannah.gnu.org/projects/which/

1.2 Base System (SLES)

bash	4.4	http://www.gnu.org/software/bash/bash.html
bash-sh	4.4	http://www.gnu.org/software/bash/bash.html
binutils	2.41	https://www.gnu.org/software/binutils/
coreutils	8.32	https://www.gnu.org/software/coreutils/
cpio	2.13	https://www.gnu.org/software/cpio/cpio.html
diffutils	3.6	https://www.gnu.org/software/diffutils/
dosfstools	4.1	https://github.com/dosfstools/dosfstools
elfutils	0.185	https://sourceware.org/elfutils/
encfs	1.9.5	https://vgough.github.io/encfs/
encfs-lang	1.9.5	https://vgough.github.io/encfs/
findutils	4.8.0	https://www.gnu.org/software/findutils/
gawk	4.2.1	http://www.gnu.org/software/gawk/
gettext-runtime	0.20.2	http://www.gnu.org/software/gettext/
gpg2	2.2.27	https://www.gnupg.org
grep	3.1	https://www.gnu.org/software/grep/
grub2	2.06	http://www.gnu.org/software/grub/
grub2-i386-pc	2.06	http://www.gnu.org/software/grub/
grub2-x86_64-efi	2.06	http://www.gnu.org/software/grub/
gzip	1.10	http://www.gnu.org/software/gzip/
info	6.5	https://www.gnu.org/software/texinfo/
libassuan0	2.5.5	https://www.gnupg.org/related_software/libassuan/index_en.html
libaugeas0	1.12.0	https://augeas.net/
libctf-nobfd0	2.41	https://www.gnu.org/software/binutils/
libctf0	2.41	https://www.gnu.org/software/binutils/
libgdbm4	1.12	https://www.gnu.org.ua/software/gdbm/
libgpgme11	1.16.0	https://www.gnupg.org/related_software/gpgme/
libparted0	3.2	http://www.gnu.org/software/parted/
libreadline7	7.0	http://www.gnu.org/software/bash/bash.html
libtasn1	4.13	https://www.gnu.org/software/libtasn1/
libtasn1-6	4.13	https://www.gnu.org/software/libtasn1/

libunistring2	0.9.10	http://www.gnu.org/software/libunistring/
liburcu6	0.12.1	http://ltng.org/urcu
mokutil	0.5.0	https://github.com/lcp/mokutil
parted	3.2	http://www.gnu.org/software/parted/
patch	2.7.6	http://ftp.gnu.org/gnu/patch/
python2-pyparsing	2.4.7	https://github.com/pyparsing/pyparsing/
python3-gpg	1.16.0	https://www.gnupg.org/related_software/gpgme/
python3-pyparsing	2.4.7	https://github.com/pyparsing/pyparsing/
rng-tools	5	http://sourceforge.net/projects/gkernel/
rsync	3.2.3	https://rsync.samba.org/
sbsigntools	0.9.3	http://git.kernel.org/pub/scm/linux/kernel/git/jejb/sbsigntools.git
sed	4.4	https://www.gnu.org/software/sed/
tar	1.34	https://www.gnu.org/software/tar/
thin-provisioning-tools	0.7.5	https://github.com/jthorner/thin-provisioning-tools/
wget	1.20.3	https://www.gnu.org/software/wget/
which	2.21	https://savannah.gnu.org/projects/which/

1.3 NVMe Expansion Enclosure (CentOS)

annobin	8.90	https://fedoraproject.org/wiki/Toolchain/Watermark
authselect	1.1	https://github.com/pbrezina/authselect
authselect-libs	1.1	https://github.com/pbrezina/authselect
bash	4.4.19	https://www.gnu.org/software/bash
binutils	2.30	https://sourceware.org/binutils
coreutils	8.30	https://www.gnu.org/software/coreutils/
coreutils-common	8.30	https://www.gnu.org/software/coreutils/
cpio	2.12	http://www.gnu.org/software/cpio/
cpp	8.3.1	http://gcc.gnu.org
diffutils	3.6	http://www.gnu.org/software/diffutils/diffutils.html
dosfstools	4.1	http://github.com/dosfstools/dosfstools
dwz	0.12	(none)
efi-filesystem	3	https://github.com/rhboot/efi-rpm-macros/
efi-srpm-macros	3	https://github.com/rhboot/efi-rpm-macros/
findutils	4.6.0	http://www.gnu.org/software/findutils/
gawk	4.2.1	https://www.gnu.org/software/gawk/
gcc	8.3.1	http://gcc.gnu.org
gcc-gfortran	8.3.1	http://gcc.gnu.org
gdbm	1.18	http://www.gnu.org/software/gdbm/
gdbm-libs	1.18	http://www.gnu.org/software/gdbm/
gettext	0.19.8.1	http://www.gnu.org/software/gettext/
gettext-libs	0.19.8.1	http://www.gnu.org/software/gettext/
gnupg2	2.2.9	http://www.gnupg.org/
gnutls	3.6.8	http://www.gnutls.org/
go-srpm-macros	2	(none)
grep	3.1	http://www.gnu.org/software/grep/

groff-base	1.22.3	http://www.gnu.org/software/groff/
grub2-common	2.02	http://www.gnu.org/software/grub/
grub2-efi-aa64	2.02	http://www.gnu.org/software/grub/
grub2-efi-aa64-modules	2.02	http://www.gnu.org/software/grub/
grub2-tools	2.02	http://www.gnu.org/software/grub/
grub2-tools-extra	2.02	http://www.gnu.org/software/grub/
grub2-tools-minimal	2.02	http://www.gnu.org/software/grub/
gzip	1.9	http://www.gzip.org/
info	6.5	http://www.gnu.org/software/texinfo/
jq	1.5	http://stedolan.github.io/jq/
less	530	http://www.greenwoodsoftware.com/less/
libasan	8.3.1	http://gcc.gnu.org
libassuan	2.5.1	http://www.gnupg.org/
libatomic	8.3.1	http://gcc.gnu.org
libbasicobjects	0.1.1	https://pagure.io/SSSD/ding-libs
libgcc	8.3.1	http://gcc.gnu.org
libgfortran	8.3.1	http://gcc.gnu.org
libgomp	8.3.1	http://gcc.gnu.org
libidn2	2.2.0	https://www.gnu.org/software/libidn/#libidn2
libksba	1.3.5	http://www.gnupg.org/
libpipeline	1.5.0	http://libpipeline.nongnu.org/
libstdc++	8.3.1	http://gcc.gnu.org
libtasn1	4.13	http://www.gnu.org/software/libtasn1/
libubsan	8.3.1	http://gcc.gnu.org
make	4.2.1	http://www.gnu.org/software/make/
man-db	2.7.6.1	http://www.nongnu.org/man-db/
mokutil	0.3.0	https://github.com/lcp/mokutil
mozjs60	60.9.0	https://developer.mozilla.org/en-US/docs/Mozilla/Projects/SpiderMonkey
mpfr	3.1.6	http://www.mpfr.org/
parted	3.2	http://www.gnu.org/software/parted
perl-srpm-macros	1	(none)
procps-ng	3.3.15	https://sourceforge.net/projects/procps-ng/
qt5-srpm-macros	5.12.5	https://getfedora.org/
readline	7.0	http://cnswww.cns.cwru.edu/php/chet/readline/rltop.html
rsyslog	8.1911.0	http://www.rsyslog.com/
sed	4.5	http://sed.sourceforge.net/
sssd-common	2.2.3	https://pagure.io/SSSD/sssdl/
sssd-kcm	2.2.3	https://pagure.io/SSSD/sssdl/
sssd-nfs-idmap	2.2.3	https://pagure.io/SSSD/sssdl/
tar	1.30	http://www.gnu.org/software/tar/
which	2.21	https://savannah.gnu.org/projects/which/

1.4 SDNAS Container (SLES)

bash	4.4	http://www.gnu.org/software/bash/bash.html
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bash-sh	4.4	http://www.gnu.org/software/bash/bash.html
coreutils	8.32	https://www.gnu.org/software/coreutils/
cpio	2.13	https://www.gnu.org/software/cpio/cpio.html
diffutils	3.6	https://www.gnu.org/software/diffutils/
findutils	4.8.0	https://www.gnu.org/software/findutils/
gawk	4.2.1	http://www.gnu.org/software/gawk/
gpg2	2.2.27	https://www.gnupg.org
grep	3.1	https://www.gnu.org/software/grep/
gzip	1.10	http://www.gnu.org/software/gzip/
info	6.5	https://www.gnu.org/software/texinfo/
libassuan0	2.5.5	https://www.gnupg.org/related_software/libassuan/index.en.html
libaugeas0	1.12.0	https://augeas.net/
libfreeipmi17	1.6.8	http://www.gnu.org/software/freeipmi/
libgdbm4	1.12	https://www.gnu.org.ua/software/gdbm/
libgpgme11	1.16.0	https://www.gnupg.org/related_software/gpgme/
libhidapi-hidraw0	0.10.1	https://github.com/libusb/hidapi
libreadline7	7.0	http://www.gnu.org/software/bash/bash.html
libsource-highlight4	3.1.9	https://www.gnu.org/software/src-highlite
libtasn1	4.13	https://www.gnu.org/software/libtasn1/
libtasn1-6	4.13	https://www.gnu.org/software/libtasn1/
libunistring2	0.9.10	http://www.gnu.org/software/libunistring/
python3-pyparsing	2.4.7	https://github.com/pyparsing/pyparsing/
sed	4.4	https://www.gnu.org/software/sed/
tar	1.34	https://www.gnu.org/software/tar/
wget	1.20.3	https://www.gnu.org/software/wget/
which	2.21	https://savannah.gnu.org/projects/which/

1.5 GNU General Public License

Version 3, 29 June 2007

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d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

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“Installation Information” for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

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2 GPL-3.0 GCC Runtime Library Exception

2.1 Core Containers (SLES)

gdb	13.2	http://gnu.org/software/gdb/
-----	------	-------------------------------------------------------------------------

libgcc_s1	11.3.0+git1637	https://gcc.gnu.org/
libgfortran5	11.3.0+git1637	https://gcc.gnu.org/
libstdc++6	12.3.0+git1204	https://gcc.gnu.org/

2.2 Base System (SLES)

libgcc_s1	12.2.1+git416	https://gcc.gnu.org/
libstdc++6	12.3.0+git1204	https://gcc.gnu.org/

2.3 NVMe Expansion Enclosure (CentOS)

cpp	8.3.1	http://gcc.gnu.org
gcc	8.3.1	http://gcc.gnu.org
gcc-gfortran	8.3.1	http://gcc.gnu.org
libasan	8.3.1	http://gcc.gnu.org
libatomic	8.3.1	http://gcc.gnu.org
libgcc	8.3.1	http://gcc.gnu.org
libgfortran	8.3.1	http://gcc.gnu.org
libgomp	8.3.1	http://gcc.gnu.org
libstdc++	8.3.1	http://gcc.gnu.org
libubsan	8.3.1	http://gcc.gnu.org

2.4 SDNAS Container (SLES)

gdb	13.2	http://gnu.org/software/gdb/
libgcc_s1	13.2.1+git7813	https://gcc.gnu.org/
libstdc++6	13.2.1+git7813	https://gcc.gnu.org/

2.5 GCC Runtime Library Exception

Version 3.1, 31 March 2009

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3.1 Core Containers (SLES)

argh	0.26.2	http://github.com/neithere/argh/
libasm1	0.185	https://sourceware.org/elfutils/
libdebuginfod1	0.185	https://sourceware.org/elfutils/
libdw1	0.185	https://sourceware.org/elfutils/
libelf1	0.185	https://sourceware.org/elfutils/
libgmp10	6.1.2	https://gmplib.org/
libksba8	1.3.5	http://www.gnupg.org/aegypten/
libmpc3	1.1.0	http://www.multiprecision.org/mpc/
libmpfr6	4.0.2	http://www.mpfr.org/
libzmq5	4.2.3	http://www.zeromq.org/
pbcc	0.5.14	https://crypto.stanford.edu/pbcc
python-pylibzma	0.5.3	https://launchpad.net/pylibzma
python2-pyzmq	17.1.2	https://github.com/zeromq/pyzmq
python3-psycopg2	2.8.5	http://initd.org/psycopg/
pyzmq	23.2.0	https://pyzmq.readthedocs.org
zeromq-tools	4.2.3	http://www.zeromq.org/

3.2 Base System (SLES)

libasm1	0.185	https://sourceware.org/elfutils/
libdw1	0.185	https://sourceware.org/elfutils/
libelf1	0.185	https://sourceware.org/elfutils/
libgmp10	6.1.2	https://gmplib.org/
libksba8	1.3.5	http://www.gnupg.org/aegypten/
pbcc	0.5.14	https://crypto.stanford.edu/pbcc
libasm1	0.185	https://sourceware.org/elfutils/

3.3 NVMe Expansion Enclosure (CentOS)

gmp	6.1.2	http://gmplib.org/
libcollection	0.7.0	https://pagure.io/SSSD/ding-libs
libdhash	0.5.0	https://pagure.io/SSSD/ding-libs
libini_config	1.3.1	https://pagure.io/SSSD/ding-libs
libldb	2.0.7	http://ldb.samba.org/
libmpc	1.0.2	http://www.multiprecision.org/
libpath_utils	0.2.1	https://pagure.io/SSSD/ding-libs
libref_array	0.1.5	https://pagure.io/SSSD/ding-libs
libsss_autofs	2.2.3	https://pagure.io/SSSD/sss/
libsss_certmap	2.2.3	https://pagure.io/SSSD/sss/
libsss_idmap	2.2.3	https://pagure.io/SSSD/sss/
libsss_nss_idmap	2.2.3	https://pagure.io/SSSD/sss/
libsss_sudo	2.2.3	https://pagure.io/SSSD/sss/
libtalloc	2.2.0	https://talloc.samba.org/

libtdb	1.4.2	http://tdb.samba.org/
libtevent	0.10.0	http://tevent.samba.org/
mpfr	3.1.6	http://www.mpfr.org/
nettle	3.4.1	http://www.lysator.liu.se/~nisse/nettle/
pbs	0.5.14	https://crypto.stanford.edu/pbs
sssd-client	2.2.3	https://pagure.io/SSSD/sss/

3.4 SDNAS Container (SLES)

libdebuginfod1	0.185	https://sourceware.org/elfutils/
libdw1	0.185	https://sourceware.org/elfutils/
libelf1	0.185	https://sourceware.org/elfutils/
libgmp10	6.1.2	https://gmplib.org/
libksba8	1.3.5	http://www.gnupg.org/aegypten/
libmpfr6	4.0.2	http://www.mpfr.org/
libzmq5	4.2.3	http://www.zeromq.org/

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Version 3, 29 June 2007

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4.1 Core Containers (SLES)

python3-psycopg2	2.8.5	http://initd.org/psycopg/
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4.2 Base System (SLES)

glibc	2.31	http://www.gnu.org/software/libc/libc.html
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4.3 OpenSSL Exception

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