Total download size: 1.2 M

Installed size: 5.2 M

Downloading packages:

warning: /var/cache/yum/x86\_64/7/base/packages/libnl-1.1.4-3.el7.x86\_64.rpm: Header V3 RSA/SHA256 Signature, key ID f4a80eb5: NOKEY

Public key for libnl-1.1.4-3.el7.x86\_64.rpm is not installed

(1/9): libnl-1.1.4-3.el7.x86\_64.rpm | 128 kB 00:00:00

(2/9): pyparsing-1.5.6-9.el7.noarch.rpm | 94 kB 00:00:00

(3/9): python-ethtool-0.8-8.el7.x86\_64.rpm | 34 kB 00:00:00

(4/9): python-configshell-1.1.26-1.el7.noarch.rpm | 68 kB 00:00:00

(5/9): python-kmod-0.9-4.el7.x86\_64.rpm | 57 kB 00:00:00

(6/9): python-six-1.9.0-2.el7.noarch.rpm | 29 kB 00:00:00

Public key for targetcli-2.1.53-1.el7\_9.noarch.rpm is not installed

(7/9): targetcli-2.1.53-1.el7\_9.noarch.rpm | 75 kB 00:00:00

(8/9): python-rtslib-2.1.74-1.el7\_9.noarch.rpm | 104 kB 00:00:00

(9/9): python-urwid-1.1.1-3.el7.x86\_64.rpm | 654 kB 00:00:00

---------------------------------------------------------------------------------------------------------------

Total 3.3 MB/s | 1.2 MB 00:00:00

Retrieving key from file:///etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

Importing GPG key 0xF4A80EB5:

Userid : "CentOS-7 Key (CentOS 7 Official Signing Key) <security@centos.org>"

Fingerprint: 6341 ab27 53d7 8a78 a7c2 7bb1 24c6 a8a7 f4a8 0eb5

Package : centos-release-7-9.2009.0.el7.centos.x86\_64 (@anaconda)

From : /etc/pki/rpm-gpg/RPM-GPG-KEY-CentOS-7

Running transaction check

Running transaction test

Transaction test succeeded

Running transaction

Installing : python-six-1.9.0-2.el7.noarch 1/9

Installing : pyparsing-1.5.6-9.el7.noarch 2/9

Installing : python-kmod-0.9-4.el7.x86\_64 3/9

Installing : python-rtslib-2.1.74-1.el7\_9.noarch 4/9

Installing : libnl-1.1.4-3.el7.x86\_64 5/9

Installing : python-ethtool-0.8-8.el7.x86\_64 6/9

Installing : python-urwid-1.1.1-3.el7.x86\_64 7/9

Installing : 1:python-configshell-1.1.26-1.el7.noarch 8/9

Installing : targetcli-2.1.53-1.el7\_9.noarch 9/9

Verifying : python-urwid-1.1.1-3.el7.x86\_64 1/9

Verifying : libnl-1.1.4-3.el7.x86\_64 2/9

Verifying : python-ethtool-0.8-8.el7.x86\_64 3/9

Verifying : python-rtslib-2.1.74-1.el7\_9.noarch 4/9

Verifying : targetcli-2.1.53-1.el7\_9.noarch 5/9

Verifying : python-kmod-0.9-4.el7.x86\_64 6/9

Verifying : python-six-1.9.0-2.el7.noarch 7/9

Verifying : pyparsing-1.5.6-9.el7.noarch 8/9

Verifying : 1:python-configshell-1.1.26-1.el7.noarch 9/9

Installed:

targetcli.noarch 0:2.1.53-1.el7\_9

Dependency Installed:

libnl.x86\_64 0:1.1.4-3.el7 pyparsing.noarch 0:1.5.6-9.el7 python-configshell.noarch 1:1.1.26-1.el7

python-ethtool.x86\_64 0:0.8-8.el7 python-kmod.x86\_64 0:0.9-4.el7 python-rtslib.noarch 0:2.1.74-1.el7\_9

python-six.noarch 0:1.9.0-2.el7 python-urwid.x86\_64 0:1.1.1-3.el7

Complete!

**[root@localhost ~]# systemctl stop firewalld**

[root@localhost ~]# clear

**[root@localhost ~]# targetcli**

Warning: Could not load preferences file /root/.targetcli/prefs.bin.

targetcli shell version 2.1.53

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For help on commands, type 'help'.

**/> cd backstores/block**

**/backstores/block> create block1 /dev/mapper/vg\_iscsi-lv\_iscsi--disk--01**

Created block storage object block1 using /dev/mapper/vg\_iscsi-lv\_iscsi--disk--01.

**/backstores/block> cd ..**

**/backstores> ls**

o- backstores ........................................................................................... [...]

o- block ............................................................................... [Storage Objects: 1]

| o- block1 ....................... [/dev/mapper/vg\_iscsi-lv\_iscsi--disk--01 (1.0GiB) write-thru deactivated]

| o- alua ................................................................................ [ALUA Groups: 1]

| o- default\_tg\_pt\_gp .................................................... [ALUA state: Active/optimized]

o- fileio .............................................................................. [Storage Objects: 0]

o- pscsi ............................................................................... [Storage Objects: 0]

o- ramdisk ............................................................................. [Storage Objects: 0]

**/backstores> cd ..**

**/> cd iscsi**

**/iscsi> create iqn.2023-07.cdac.acts.hpcsa.sbm:disk1**

Created target iqn.2023-07.cdac.acts.hpcsa.sbm:disk1.

Created TPG 1.

Global pref auto\_add\_default\_portal=true

Created default portal listening on all IPs (0.0.0.0), port 3260.

**/iscsi> cd iqn.2023-07.cdac.acts.hpcsa.sbm:disk1/**

**/iscsi/iqn.20...csa.sbm:disk1> cd tpg1/acls**

**/iscsi/iqn.20...sk1/tpg1/acls> ls**

o- acls ............................................................................................. [ACLs: 0]

**/iscsi/iqn.20...sk1/tpg1/acls> create iqn.1994-05.com.redhat:bb8717736236 #client initiatorname /etc/iscsi/initiator file**

Created Node ACL for iqn.1994-05.com.redhat:bb8717736236

**/iscsi/iqn.20...sk1/tpg1/acls> ls**

o- acls ............................................................................................. [ACLs: 1]

o- iqn.1994-05.com.redhat:bb8717736236 ..................................................... [Mapped LUNs: 0]

**/iscsi/iqn.20...sk1/tpg1/acls> cd ..**

**/iscsi/iqn.20...csa.sbm:disk1> cd tpg1/luns**

**/iscsi/iqn.20...sk1/tpg1/luns> create /backstores/block/block1**

Created LUN 0.

Created LUN 0->0 mapping in node ACL iqn.1994-05.com.redhat:bb8717736236

/iscsi/iqn.20...sk1/tpg1/luns> ls

o- luns ............................................................................................. [LUNs: 1]

o- lun0 ......................... [block/block1 (/dev/mapper/vg\_iscsi-lv\_iscsi--disk--01) (default\_tg\_pt\_gp)]

**/iscsi/iqn.20...sk1/tpg1/luns> cd /**

**/> ls**

o- / .................................................................................................... [...]

o- backstores ......................................................................................... [...]

| o- block ............................................................................. [Storage Objects: 1]

| | o- block1 ..................... [/dev/mapper/vg\_iscsi-lv\_iscsi--disk--01 (1.0GiB) write-thru deactivated]

| | o- alua .............................................................................. [ALUA Groups: 1]

| | o- default\_tg\_pt\_gp .................................................. [ALUA state: Active/optimized]

| o- fileio ............................................................................ [Storage Objects: 0]

| o- pscsi ............................................................................. [Storage Objects: 0]

| o- ramdisk ........................................................................... [Storage Objects: 0]

o- iscsi ....................................................................................... [Targets: 1]

| o- iqn.2023-07.cdac.acts.hpcsa.sbm:disk1 ........................................................ [TPGs: 1]

| o- tpg1 .......................................................................... [no-gen-acls, no-auth]

| o- acls ..................................................................................... [ACLs: 1]

| | o- iqn.1994-05.com.redhat:bb8717736236 ............................................. [Mapped LUNs: 0]

| o- luns ..................................................................................... [LUNs: 0]

| o- portals ............................................................................... [Portals: 1]

| o- 0.0.0.0:3260 ................................................................................ [OK]

o- loopback .................................................................................... [Targets: 0]

**/> exit**

Global pref auto\_save\_on\_exit=true

Configuration saved to /etc/target/saveconfig.json

**[root@localhost ~]# systemctl restart target**

**[root@localhost ~]# systemctl status target**

● target.service - Restore LIO kernel target configuration

Loaded: loaded (/usr/lib/systemd/system/target.service; disabled; vendor preset: disabled)

Active: active (exited) since Fri 2023-07-14 23:03:24 IST; 14s ago

Process: 1594 ExecStart=/usr/bin/targetctl restore (code=exited, status=0/SUCCESS)

Main PID: 1594 (code=exited, status=0/SUCCESS)

Jul 14 23:03:24 localhost.localdomain systemd[1]: Starting Restore LIO kernel target configuration...

Jul 14 23:03:24 localhost.localdomain systemd[1]: Started Restore LIO kernel target configuration.

**[root@localhost ~]# df -h**

Filesystem Size Used Avail Use% Mounted on

devtmpfs 475M 0 475M 0% /dev

tmpfs 487M 0 487M 0% /dev/shm

tmpfs 487M 7.7M 479M 2% /run

tmpfs 487M 0 487M 0% /sys/fs/cgroup

/dev/mapper/centos-root 17G 1.5G 16G 9% /

/dev/sda1 1014M 138M 877M 14% /boot

tmpfs 98M 0 98M 0% /run/user/0

**[root@localhost ~]# pvs**

PV VG Fmt Attr PSize PFree

/dev/sda2 centos lvm2 a-- <19.00g 0

/dev/sdb vg\_iscsi lvm2 a-- <21.00g <19.00g #client used 1GB storage of sdb disk

/dev/sdc vg\_iscsi lvm2 a-- <21.00g <21.00g

/dev/sdd vg\_iscsi lvm2 a-- <21.00g <21.00g

[root@localhost ~]#