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iSCSI

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iSCSI Target_RHEL 7

* HOST OS : CentOS Linux release 7 * GUEST OS : CentOS Linux release 7

targetcli

targetcli

targetcli

Step1. Install and run targetcli

LVM

```
[root@server1 ~]# fdisk -l | grep Disk
Disk /dev/sda: 32.2 GB, 32212254720 bytes, 62914560 sectors
Disk /dev/sdb: 53.7 GB, 53687091200 bytes, 104857600 sectors // iSCSI
가
Disk /dev/mapper/centos-swap: 2164 MB, 2164260864 bytes, 4227072 sectors
Disk /dev/mapper/centos-root: 29.5 GB, 29519511552 bytes, 57655296 sectors
```

```
[root@server1 ~]# vgs
VG          #PV #LV #SN Attr   VSize   VFree
VG_iscsi_Disk1  1  1  0 wz--n- 1020.00m  0
VG_iscsi_Disk2  1  1  0 wz--n-  10.00g  0
centos       1  2  0 wz--n-  29.51g  0
[root@server1 ~]# lvs
LV          VG          Attr      LSize   Pool Origin Data%  Move
Log Cpy%Sync Convert
lv_iscsi_Disk1 VG_iscsi_Disk1 -wi-a----- 1020.00m
lv_iscsi_Disk2 VG_iscsi_Disk2 -wi-a-----  10.00g
root        centos      -wi-ao----  27.49g
swap        centos      -wi-ao----   2.02g
```

targetcli

:

```
# yum install targetcli
```

```
# targetcli --version
/usr/bin/targetcli version 2.1.fb37
```

* target service :

```
# systemctl start target
```

targetcli

```
[root@server1 ~]# targetcli
targetcli shell version 2.1.fb37
Copyright 2011-2013 by Datera, Inc and others.
For help on commands, type 'help'.
```

```
/> ls
o- /
.....
..... [....]
  o- backstores
.....
..... [....]
    | o- block
.....
..... [Storage Objects: 0]
    | o- fileio
.....
..... [Storage Objects: 0]
    | o- pscsi
.....
..... [Storage Objects: 0]
    | o- ramdisk
.....
..... [Storage Objects: 0]
  o- iscsi
.....
..... [Targets: 0]
  o- loopback
.....
..... [Targets: 0]
/>
```

backstores

iSCSI

```
# Discover targets at a given IP address:
iscsiadm --mode discoverydb --type sendtargets --portal 192.168.1.10 --
discover

#Login, must use a node record id found by the discovery:
iscsiadm --mode node --targetname iqn.2001-05.com.doe:test --portal
192.168.1.1:3260 --login

#Logout:
iscsiadm --mode node --targetname iqn.2001-05.com.doe:test --portal
192.168.1.1:3260 --logout

#List node records:
iscsiadm --mode node

#Display all data for a given node record:
iscsiadm --mode node --targetname iqn.2001-05.com.doe:test --portal
192.168.1.1:3260
```

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