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RHEL7

iSCSI Target

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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