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# RHEL7 iSCSI

iSCSI Target 가

```
[user@host]# yum install targetcli
[user@host]# systemctl enable target
[user@host]# systemctl start target
```

## BackStore

Backstore iSCSI . iscsi target  
backstore 4가 가 .

1. FILEIO : FILE
2. BLOCK :
3. PSCSI : SCSI
4. Memory Copy RAM disk (Linux RAMDISK\_MCP) :

```
''PSCSI'' ''Pass-through SCSI'' SCSI
''ALUA'' VMWARE ESXi
BLOCK .
```

## iSCSI Target

```
[root@storage ~]# targetcli
Warning: Could not load preferences file /root/.targetcli/prefs.bin.
targetcli shell version 2.1.fb41
Copyright 2011-2013 by Datera, Inc and others.
For help on commands, type 'help'.

/> iscsi/
/iscsi> create
Created target iqn.2003-01.org.linux-iscsi.storage.x8664:sn.2c54b81ee88a.
Created TPG 1.
Global pref auto_add_default_portal=true
Created default portal listening on all IPs (0.0.0.0), port 3260.
/iscsi>
```

create IQN IQN .

```
/iscsi> create iqn.2006-04.com.example:444  
Created target iqn.2006-04.com.example:444  
Created TPG1
```

ls iscsi target .

```
/iscsi> ls  
o- iscsi .....  
[Targets: 1]  
  o- iqn.2003-01.org.linux-iscsi.storage.x8664:sn.2c54b81ee88a  
  ..... [TPGs: 1]  
    o- tpg1 ..... [no-gen-  
acls, no-auth]  
      o- acls  
      ..... [ACLs: 0]  
        o- luns  
        ..... [LUNs: 0]  
          o- portals .....  
[Portals: 1]  
  o- 0.0.0.0:3260  
  ..... [OK]  
/iscsi>
```

ACL .

```
# disable authentication  
/iscsi/iqn.20...1:server/tpg1> set attribute authentication=0  
Parameter authentication is now '0'.  
# "ignore ACLs mode"  
/iscsi/iqn.20...1:server/tpg1> set attribute generate_node_acls=1  
Parameter generate_node_acls is now '1'.  
# enable read/write mode  
/iscsi/iqn.20...1:server/tpg1> set attribute demo_mode_write_protect=0  
Parameter demo_mode_write_protect is now '0'.
```

```
/> saveconfig  
Last 10 configs saved in /etc/target/backup/.  
Configuration saved to /etc/target/saveconfig.json  
/> exit  
Global pref auto_save_on_exit=true  
Last 10 configs saved in /etc/target/backup/.
```

Configuration saved to /etc/target/saveconfig.json

```
#  
[root@rhcs8-1 ~]# dnf -y install iscsi-initiator-utils  
  
#  
[root@rhcs8-1 ~]# iscsiadm -m discovery -t st -p 10.33.0.89  
10.33.0.89:3260,1 iqn.2003-01.org.linux-iscsi.rhcs8-  
storage.x8664:sn.ae8026b2e597
```

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Last update: **2025/10/31 07:19**

