

?? 11, 2007 ??? sunchiahome

## iscsi(Internet SCSI) Linux initiator

Step 1: ?? iSCSI initiator

Step 2: ?? iSCSI initiator

Step 3: ?? iSCSI configuration ?

Step 4: ?? iSCSI initiator

Step 5: ?? iSCSI ??

Step 6: ?? iSCSI ??

Step 1: ?? iSCSI initiator

????????????? iSCSI initiator ? service.????????????????.

<http://sourceforge.net/projects/linux-iscsi>

Step 2: ?? iSCSI initiator

?????? kernel-devel-version ???????.

```
[root@unsvr root]# rpm -ivh ~/RPMS/kernel-devel-version
```

?? iCSI initiator ??????? linux-iscsi-version.tgz ???????.

```
[root@unsvr root]# mkdir /usr/src/iscsi
```

?????? /usr/src/iscsi

```
[root@unsvr root]# cp ~/linux-iscsi-version.tgz /usr/src/iscsi
```

```
[root@unsvr root]# cd /usr/src/iscsi
```

```
[root@unsvr iscsi]# tar xvzf linux-iscsi-version.tgz
```

```
[root@unsvr iscsi]# cd linux-iscsi-version
```

????

```
[root@unsvr linux-iscsi-version]# make
```

```
[root@unsvr linux-iscsi-version]# make install
```

Step 3: ?? iSCSI configuration ?

?????? IP.???? ping ??? iSCSI target (?? iSCSI target ???IP? 10.6.116.108)

```
[root@unsvr root]# netconfig -device eth0
```

```
[root@unsvr root]# ping 10.6.116.108
```

????????????.

????? /etc/iscsi.conf ????? iSCSI target ? IP?????. iSCSI ????? port ? 3260.

```
[root@unsvr root]# vi /etc/iscsi.conf
```

-----  
DiscoveryAddress=10.6.116.108:3260

#Target Name=iqn.2001-04.com.example:storage.disk2.sys1.xyz  
-----

Target Name ???????,?????? iSCSI target ??????? iSCSI target ?????

iqn.2001-04.com.example:storage.disk2.sys1.xyz

????? /etc/initiatorname.iscsi ???? iSCSI initiator name ?????.

```
[root@unsvr root]# vi /etc/initiatorname.iscsi
```

```
-----
InitiatorName=joe
-----
```

?? iSCSI target ???? joe.

#### Step 4: ?? iSCSI initiator

??????????? iscsi initiator,?????????.

```
[root@unsvr root]# service iscsi restart
```

?????????????,?????????.

```
[root@unsvr root]# chkconfig iscsi on
```

#### Step 5: ?? iSCSI ??

????????? iSCSI target?????????????????????.

```
[root@unsvr root]# cat /proc/partitions
```

????

```
[root@unsvr root]# sfdisk /dev/sda
```

format??

```
[root@unsvr root]# mkfs.ext2 /dev/sda1
```

mount ??

```
[root@unsvr root]# mount /dev/sda1 /mnt/driver1
```

#### Step 6: ?? iSCSI ??

```
[root@unsvr root]# iscsi-iname
```

```
[root@unsvr root]# iscsi-ls
```

```
[root@unsvr root]# iscsi-device
```

```
[root@unsvr root]# iscsi-rescan
```