

Active-passive cluster

Active node (primary)

```
root@dmspr-~  
[root@dmspr ~]# clustat  
Cluster Status for dmscluster @ Fri Dec 7 17:14:19 2012  
Member Status: Quorate  
  
Member Name                ID  Status  
-----  
dmspr.nerapdrp.gov.in      1  Online, Local, rgmanager  
dmsse.nerapdrp.gov.in      2  Online, rgmanager  
/dev/block/253:40          0  Online, Quorum Disk  
  
Service Name                Owner (Last)                State  
-----  
service:svr_dms             dmspr.nerapdrp.gov.in      started  
[root@dmspr ~]#
```

Passive node (Secondary)

```
root@dmsse-~  
[root@dmsse ~]# clustat  
Cluster Status for dmscluster @ Fri Dec 7 17:14:22 2012  
Member Status: Quorate  
  
Member Name                ID  Status  
-----  
dmspr.nerapdrp.gov.in      1  Online, rgmanager  
dmsse.nerapdrp.gov.in      2  Online, Local, rgmanager  
/dev/block/253:40          0  Online, Quorum Disk  
  
Service Name                Owner (Last)                State  
-----  
service:svr_dms             dmspr.nerapdrp.gov.in      started  
[root@dmsse ~]#
```

```
primary <quorumd interval="2" label="dmscluster" tko="5" votes="1"/>
<totem token="33000"/>
```

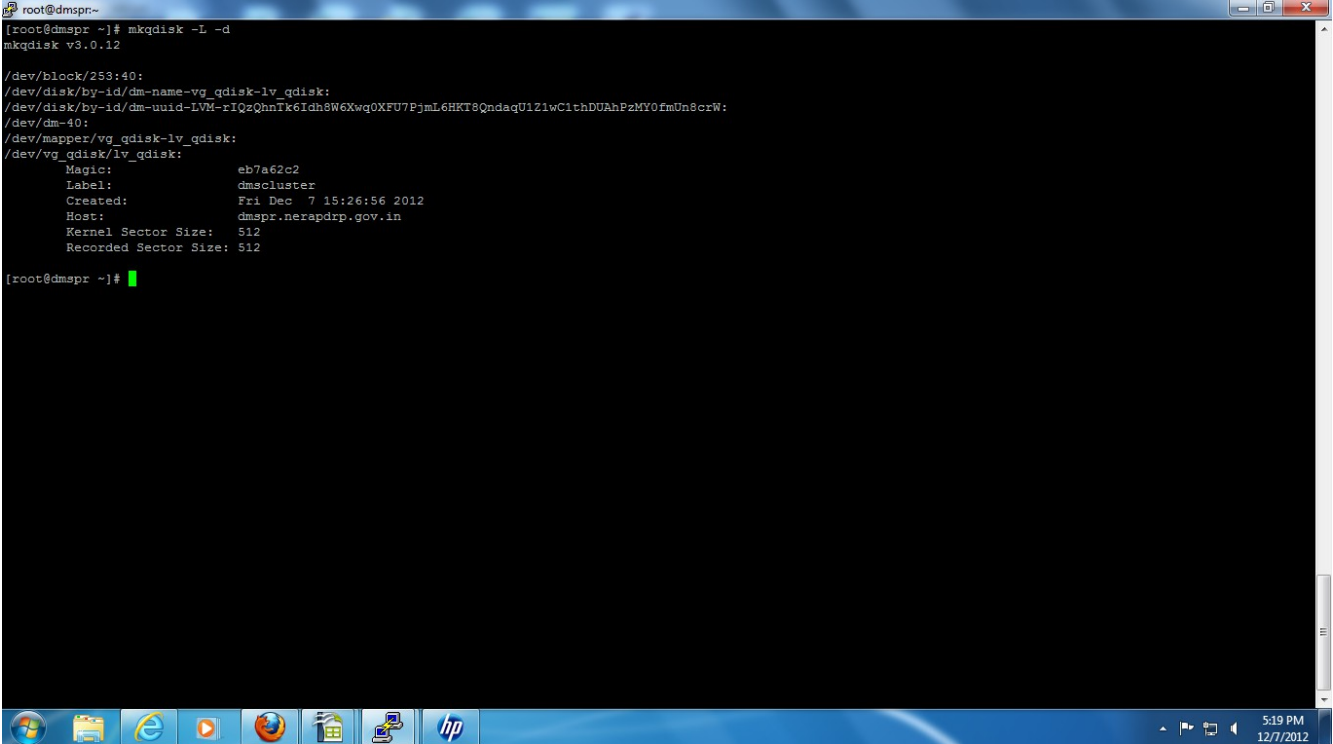
```
Secondary <quorumd interval="2" label="dmscluster" tko="5" votes="1"/>
<totem token="33000"/>
```

```
share lun : /dev/mapper /vg_qdisk-lv_qdisk
```

primary node

```
#mkqdisk -c dev/mapper /vg_qdisk-lv_qdisk -l dmscluster
```

after that

A terminal window screenshot showing the execution of the 'mkqdisk -L -d' command. The output displays the version 'mkqdisk v3.0.12' and a series of paths: '/dev/block/253:40:', '/dev/disk/by-id/dm-name-vg_qdisk-lv_qdisk:', '/dev/disk/by-id/dm-uuid-LVM-rIQzQnnTkeIdh8W6XwgOXFU7PjmL6HKT8QndaqU1Z1wC1thDUAhPzMY0fmUn8crW:', '/dev/dm-40:', '/dev/mapper/vg_qdisk-lv_qdisk:', and '/dev/vg_qdisk/lv_qdisk:'. Below these paths, the following metadata is shown: Magic: eb7a62c2, Label: dmscluster, Created: Fri Dec 7 15:26:56 2012, Host: dmspr.nerapdrp.gov.in, Kernel Sector Size: 512, and Recorded Sector Size: 512. The terminal prompt returns to '[root@dmspr ~]#'. The window title is 'root@dmspr-' and the taskbar at the bottom shows the date and time as 5:19 PM 12/7/2012.

```
root@dmspr-
[root@dmspr ~]# mkqdisk -L -d
mkqdisk v3.0.12

/dev/block/253:40:
/dev/disk/by-id/dm-name-vg_qdisk-lv_qdisk:
/dev/disk/by-id/dm-uuid-LVM-rIQzQnnTkeIdh8W6XwgOXFU7PjmL6HKT8QndaqU1Z1wC1thDUAhPzMY0fmUn8crW:
/dev/dm-40:
/dev/mapper/vg_qdisk-lv_qdisk:
/dev/vg_qdisk/lv_qdisk:
  Magic:          eb7a62c2
  Label:          dmscluster
  Created:        Fri Dec 7 15:26:56 2012
  Host:           dmspr.nerapdrp.gov.in
  Kernel Sector Size: 512
  Recorded Sector Size: 512

[root@dmspr ~]#
```

secondary node

```
root@dmsse:~# mkqdisk -L -d
mkqdisk v3.0.12

/dev/block/253:40:
/dev/disk/by-id/dm-name-vg_qdisk-ly_qdisk:
/dev/disk/by-id/dm-uuid-LVM-rIQzQhnTk6Idh8W6Xwq0XFU7PjmL6HKT8QndaqU121wC1thDUahPzMY0fmUn8erW:
/dev/dm-40:
/dev/mapper/vg_qdisk-ly_qdisk:
/dev/vg_qdisk/ly_qdisk:
  Magic:          eb7a62c2
  Label:         dmscluster
  Created:       Fri Dec  7 15:26:56 2012
  Host:         dmspr.nerapdrp.gov.in
  Kernel Sector Size: 512
  Recorded Sector Size: 512

[root@dmsse ~]#
```

Now fail over test

primary node” (Successful to relocate secondary)

```
root@dmspr:~# clusvoadm -r srv_dms
Trying to relocate service:srv_dms...Success
service:srv_dms is now running on dmsse.nerapdrp.gov.in
[root@dmspr ~]#
```

secondary node (still showing primary server owner of quorum)

```
root@dmsse:~# mkqdisk -L -d
mkqdisk v3.0.12

/dev/block/253:40:
/dev/disk/by-id/dm-name-vg_qdisk-lv_qdisk:
/dev/disk/by-id/dm-uuid-LVM-rIQzQhnlT6Iah9W6Xwg0XFU7PjmL6HKT8QndaqU1ZlwC1thDUAhPzMY0fmUn8crW:
/dev/dm-40:
/dev/mapper/vg_qdisk-lv_qdisk:
/dev/vg_qdisk/lv_qdisk:
  Magic:                eb7a62c2
  Label:                dmscluster
  Created:              Fri Dec 7 15:26:56 2012
  Host:                dms@pr.nerapdrp.gov.in
  Kernel Sector Size:  512
  Recorded Sector Size: 512

[root@dmsse ~]#
```