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Subject: Re: HA cluster with DRBD and Heartbeat  
Posted by [sammy08](#) on Wed, 22 Apr 2009 12:50:09 GMT  
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I decided to simplify things and use 172.16.8.1 and 172.16.8.2 for the Hardware Nodes then put the VEs on the same subnet using the range 172.16.8.100 - 200. This means that when the switchover occurs I would still be able to access the VE on 172.16.8.100 since the VEs are being replicated over to the 2nd HN. With this setup I can browse to <http://172.16.8.100> which is running on Host01 (172.16.8.1).

I can confirm this works when I do a manual switchover as follows:

Host01:

```
# vzctl stop 110 (Otherwise I get the error that the resource is busy)
# umount /vz
# drbdadm secondary vz
```

Host02:

```
# drbdadm primary vz
# mount /dev/drbd0 /vz
# service vz start
```

I am now able to see the default webpage once again at <http://172.16.8.100>

However, whenever I reboot the Node1, I have to manually set it to be primary again by first unmounting the resource on Host02 then issuing these commands.

```
# drbdadm primary vz
```

Then I have to mount the vz partition by running:

```
# mount /dev/drbd0 /vz
```

then start OpenVZ

```
# service vz start
```

I have followed the section "Live-Switchover with the help of checkpointing" in the document [http://wiki.openvz.org/HA\\_cluster\\_with\\_DRBD\\_and\\_Heartbeat](http://wiki.openvz.org/HA_cluster_with_DRBD_and_Heartbeat) but it doesn't seem to work.

Any idea how to make this process automatic at startup? I have attached my drbd.conf, ha.cf and haresources configuration files.

Your help would be much appreciated since I am trying to complete this setup as part of my University final year project presentation for Friday.

regards,

Sammy

## File Attachments

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- 1) [ha.cf](#), downloaded 212 times
  - 2) [haresources](#), downloaded 205 times
  - 3) [drbd.conf](#), downloaded 210 times
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