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:
drdbadm 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 umounting 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 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

1) ha.cf, downloaded 296 times
2) haresources, downloaded 321 times
3) drbd.conf, downloaded 308 times