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 273 times
- 2) haresources, downloaded 290 times3) drbd.conf, downloaded 280 times