Subject: Choice of clustered FS
Posted by seanfulton on Wed, 09 Apr 2008 21:29:44 GMT
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I am trying to deploy Open VZ on a pair of mirrored file servers such that any number of "client" servers can mount the /vz partition and run the VEs. I can use DRBD for the mirror, but need good recommendations for a filesystem to export the /vz partition to the client nodes.

NFS works great but I have been told by the OpenVZ team that there are many problems with it. quotas don't work, for example. GFS is not usable because there are problems with it continuing to run if one node leaves the cluster (which is after all the whole point of the system). Have not tried OCFS2 or Gluster.

In other words, what I need is for Server A and Server B use DRBD to mirror /vz

I then need to export /vz to Servers A, B, C, D such that any one of them can run any VE in the shared system. If Server A goes, I can have one of the other machines detect the failure and fire up the VE, but am having trouble with a filesystem that would reliably stay up during that time.

Any help would be greatly appreciated.

sean