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Subject: Ploop over NFS - how to make HA  
Posted by [MrRoger](#) on Mon, 15 Sep 2014 11:46:57 GMT  
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Hi Guys,

long time user, first time poster. Been using OpenVZ since 2006 and is the fastest lightweight solution I've ever seen. Good work guys.

I've been stumped for the last 4 months trying to find a solution for Ploop over NFS for HA. Need to avoid the dreaded stale file handle when NFS server goes away.

Was looking into using a glusterfs for the storage ontop of ZFS, but something tells me this issue will still persist. Does any one know if glusterfs 3.5.2 would allow NFS to be used in a HA setup (either on a glusterfs server or client ) ? not sure if there is a better solution for using ploop in a HA environment, but open to suggestions.

We have a 10g backbone using Chelsio T4 TCP offload cards. Those NICs just fly, so we have a iscsi abilities and RDMA. Had issues with NFS3 over RDMA, worked for a while but encountered some issues, so I just falled back to NFS. We are preferring a file based SAN rather than a block based solution.

Any ideas? I'm prepared to get creative. Wanted to avoid using KVM over gluster, but my last choice which I want to avoid was;

zfs -> gluterfs -> kvm -> openvz

Cheers,  
R

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