Subject: Kind of a strange one: NFS
Posted by VulcanRidr on Sat, 06 Mar 2010 16:28:27 GMT
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I have a few servers at home. On two of them I am running OpenVZ, a Dell 2550 and an IBM something or other that came my way.

Well, I just bought an HP DL360, which I *thought* was 64 bit, enabling me to run Proxmox, and therefore OpenVZ _and_ KVM. Alas, it was 32 bit, so I am making the best of a bad situation.

So the IBM box, named yorktown, is my current primary OpenVZ server, since it was the fastest server in my network until I got the HP box (named saratoga). My goal here is to retire prometheus, the Dell 2550.

Okay. So, we have saratoga, yorktown and prometheus, all running Debian testing, all running vzctl version 3.0.23 and all running the kernel 2.6.26-2-openvz-686. prometheus has a RAID-5 array of 5 73GB SCSI drives. yorktown is SATA-capable, and has an 80GB and a 1.5TB drive. (I had intended on doubling up as an OpenVZ HN and an NFS server (hence the NFS server portion of the topic)). saratoga has a pair of 73GB SCSI drives...Which, while insufficient for my needs, was something I was willing to sacrifice for the 64bit VTX capable processor...I got screwed coming and going on that one.

So, I was planning to make saratoga my replacement OpenVZ server, but I would have to remotely mount the CTs from a different machine -- yorktown.

I played with it briefly last night, but couldn't get it to work. I was getting the following error:

```
# mount yorktown:/media/vz /mnt
mount.nfs: mount to NFS server 'yorktown:/media/vz' failed: RPC Error: Unable to receive; errno = Connection refused
```

Unfortunately, I am completely new to NFS as well, because earlier versions had...issues. I have also been a security engineer as well as a sysadmin, so NFS was something to be avoided, "No F%^&@* Security"...

So here are my questions:

Can I use yorktown's large drive as an nfs store, not only for saratoga but for the entire network and still use it as an openvz HN?
Can I mount saratoga's drives from somewhere (ideally yorktown) and use the CTs on an nfs mounted partition?
How many licks does it take to get to the center of a Tootsie Pop? (or am I showing my age with this one?)

Thanks,

--vr