Subject: Re: Does AutoFS work in OpenVZ yet? Posted by dranch on Thu, 18 Oct 2007 18:51:19 GMT

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When you say autofs/nfs works in a VPS, is that with a vanilla patched kernel or a Centos5 patched kernel? Again.. here on Centos5, it doesn't work.

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On the base system's OS (Centos5):
# uname -a
Linux dolly-centos5-openvz.xxx.xxx.xxx 2.6.18-8.1.14.el5.028stab045.1 #1 SMP Mon Oct 1
13:22:25 MSD 2007 i686 i686 i386 GNU/Linux
# /sbin/lsmod | grep auto
               24324 8
autofs4
# tail /etc/vz/conf/101.conf
VE_PRIVATE="/vz/private/$VEID"
ORIGIN_SAMPLE="pvl.basic"
OSTEMPLATE="centos-5-i386-default"
NAME="dolly-centos5-A"
HOSTNAME="dolly-centos5-A"
IP ADDRESS="10.159.4.232"
NAMESERVER="172.17.28.100 172.17.28.101"
NETDEV="eth1"
FEATURES="nfs:on"
In the VPS....
#cat /proc/filesystems
    ext2
    ext3
nodev rpc_pipefs
nodev autofs
nodev nfs
nodev proc
nodev sysfs
nodev tmpfs
```

nodev devpts

Moving forward, a manual mount works fine in the physical machine's OS as does an automount (for example, the "labtools" mount):

mount -t nfs 10.159.4.7://mnt [works fine]

#df

•

phobos-cf2:/vol/lab/labtools

41943040 29057984 12885056 70% /volume/labtools

10.159.4.7:/ 948779200 103575840 797008192 12% /mnt

Now.. in a VPS, there are all the initial autofs errors upon initial load that are shown earlier in this thread. Manual NFS mounts DO work though their are some minor issues:

1) it throws a permission error:

mount -t nfs 10.159.4.7://mnt

Can't set perms on /etc/mtab

Is -la /etc/mtab

Irwxrwxrwx 1 root root 12 Aug 16 17:46 /etc/mtab -> /proc/mounts

2) The" mount" command shows the source of the mount as "nfs" and not the IP address (like what it does on the physical machine shown above. Seems minor but might mean something

[root@dolly-centos5-A /]# df

Filesystem 1K-blocks Used Available Use% Mounted on

simfs 2389512 365772 2023740 16% /

nfs 948779200 103575840 797008192 12% /mnt

Still.. with all this.. running the RHEL5 kernel, the manual NFS mount is functional but "autofs"

does't work when I try to login to the VPS:

#ssh dranch@10.159.4.232 dranch@10.159.4.232's password:

Last login: Thu Oct 18 11:37:52 2007 from 10.150.52.4

Could not chdir to home directory /homes/dranch: No such file or directory

-bash-3.1\$