
Subject: Re: nfs mount vs. mount --bind
Posted by [freedev](#) on Mon, 29 Jun 2009 10:59:42 GMT
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Hi maratrus,

I executed the following commands:

```
[root@svilpar2 ~]# mount /usr/local/storage/disco1/
```

```
[root@svilpar2 ~]# vzctl start 1006
```

Starting Container ...

```
mount --bind /usr/local/storage/disco1 /vz/root/1006/usr/local/sitipersonali/disco1
```

Container is mounted

Setup slm memory limit

Setup slm subgroup (default)

Setting devperms 20002 dev 0x7d00

Adding port redirection to Container(1): 4643 8443

Adding IP address(es) to pool:

Adding IP address(es): XXX.XXX.XXX.XXX XXX.XXX.XXX.XXX

Hostname for Container set: linweb01.xoom.it

File resolv.conf was modified

Container start in progress...

```
[root@svilpar2 ~]#
```

```
[root@svilpar2 ~]# cat /proc/mounts/dev/root / ext3 rw,data=ordered 0 0
```

```
/dev /dev tmpfs rw 0 0
```

```
/proc /proc proc rw 0 0
```

```
/proc/bus/usb /proc/bus/usb usbfs rw 0 0
```

```
devpts /dev/pts devpts rw 0 0
```

```
/dev/sda5 /vz ext3 rw,noatime,data=ordered 0 0
```

```
sunrpc /var/lib/nfs/rpc_pipefs rpc_pipefs rw 0 0
```

```
/etc/auto.misc /misc autofs rw,fd=6,pgrp=7159,timeout=300,minproto=5,maxproto=5,indirect 0 0
```

```
-hosts /net autofs rw,fd=12,pgrp=7159,timeout=300,minproto=5,maxproto=5,indirect 0 0
```

```
/dev/sda2 /home ext3 rw,data=ordered 0 0
```

```
tmpfs /dev/shm tmpfs rw 0 0
```

```
sysfs /sys sysfs rw 0 0
```

```
XXX.XXX.XXX.XXX:/BASEDIR/DISCO1 /usr/local/storage/disco1 nfs
```

```
rw,vers=3,rsz=8192,wsz=8192,soft,proto=tcp,timeo=600,ret
```

```
rans=2,sec=sys,addr=151.99.197.39 0 0
```

```
XXX.XXX.XXX.XXX:/BASEDIR/DISCO1 /vz/root/1006/usr/local/sitipersonali/disco1 nfs
```

```
rw,vers=3,rsz=8192,wsz=8192,soft,proto=tcp,timeo=600,ret
```

```
rans=2,sec=sys,addr=151.99.197.39 0 0
```

```
[root@svilpar2 ~]# vzctl stop 1006
```

Stopping Container ...

Container was stopped

```
umount /vz/root/1006/usr/local/sitipersonali/disco1
```

Container is unmounted

```
[root@svilpar2 ct-scripts]# cat /proc/mounts
/dev/root / ext3 rw,data=ordered 0 0
/dev /dev tmpfs rw 0 0
/proc /proc proc rw 0 0
/proc/bus/usb /proc/bus/usb usbfs rw 0 0
devpts /dev/pts devpts rw 0 0
/dev/sda5 /vz ext3 rw,noatime,data=ordered 0 0
sunrpc /var/lib/nfs/rpc_pipefs rpc_pipefs rw 0 0
/etc/auto.misc /misc autofs rw,fd=6,pgrp=7159,timeout=300,minproto=5,maxproto=5,indirect 0 0
-hosts /net autofs rw,fd=12,pgrp=7159,timeout=300,minproto=5,maxproto=5,indirect 0 0
/dev/sda2 /home ext3 rw,data=ordered 0 0
tmpfs /dev/shm tmpfs rw 0 0
sysfs /sys sysfs rw 0 0
```

as you can see also the NFS is disappeared!!!

```
[root@svilpar2 ct-scripts]# vi /vz/private/1006/scripts/umount
#!/bin/bash
```

```
BASEDIR=/usr/local/sitipersonali
HWDIR=/usr/local/storage
```

```
for i in `ls $HWDIR`; do
    if ! [ -d /vz/root/$VEID/$BASEDIR/$i ];
    then
        echo
    fi
    echo umount /vz/root/$VEID$BASEDIR/$i
    umount /vz/root/$VEID$BASEDIR/$i
done

exit 0
~
```

```
[root@svilpar2 ct-scripts]# vi /vz/private/1006/scripts/mount
#!/bin/bash
```

```
BASEDIR=/usr/local/sitipersonali
HWDIR=/usr/local/storage
```

```
for i in `ls $HWDIR`; do
    if ! [ -d /vz/root/$VEID$BASEDIR/$i ];
    then
        echo mkdir -p /vz/root/$VEID$BASEDIR/$i;
        mkdir -p /vz/root/$VEID$BASEDIR/$i;
    fi
done
```

```
echo mount --bind $HWDIR/$i /vz/root/$VEID$BASEDIR/$i;  
mount --bind $HWDIR/$i /vz/root/$VEID$BASEDIR/$i;  
done
```

~
