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Subject: Re: NFS how to export /vz  
Posted by [disaster](#) on Fri, 21 Nov 2008 14:28:01 GMT  
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Hi!

As i've written all other directories OTHER than /vz DO work fork export with SAME /etc/export only change directoryname.

But here is the file content:

```
/vz 192.168.0.0/255.255.255.0(rw,no_root_squash,sync,no_subtree_check)
```

hosts.deny is empty. Although as i've written nfsd writes: "mountd[19291]: authenticated mount request from 192.168.0.1:729 for /vz (/vz)" if hosts.deny is the problem then it will not write this message.

I do not want to export /vz only a directory in it - but it also does not work for /vz at all.

```
cat /proc/mounts
none /sys sysfs rw 0 0
none /proc proc rw 0 0
udev /dev tmpfs rw 0 0
/dev/sda6 / xfs rw 0 0
/dev/sda6 /dev/.static/dev xfs rw 0 0
tmpfs /lib/init/rw tmpfs rw,nosuid 0 0
tmpfs /dev/shm tmpfs rw,nosuid,nodev 0 0
devpts /dev/pts devpts rw,nosuid,noexec 0 0
/dev/sda5 /boot ext2 rw 0 0
/dev/drbd0 /vz ext3 rw,data=ordered 0 0
nfsd /proc/fs/nfsd nfsd rw 0 0
/vz/private/110 /vz/root/110 simfs rw 0 0
tmpfs /vz/root/110/lib/init/rw tmpfs rw,nosuid 0 0
/proc /vz/root/110/proc proc rw,nosuid,nodev,noexec 0 0
sysfs /vz/root/110/sys sysfs rw,nosuid,nodev,noexec 0 0
varrun /vz/root/110/var/run tmpfs rw,nosuid 0 0
varlock /vz/root/110/var/lock tmpfs rw,nosuid,nodev,noexec 0 0
tmpfs /vz/root/110/dev/shm tmpfs rw,nosuid,nodev 0 0
devpts /vz/root/110/dev/pts devpts rw,nosuid,noexec 0 0
rpc_pipefs /var/lib/nfs/rpc_pipefs rpc_pipefs rw 0 0
```

An strace if rpc.mountd results in some cannot allocate memory:

```
rt_sigaction(SIGALRM, {SIG_DFL}, NULL, 8) = 0
open("/var/lib/nfs/rmtab", O_RDWR)      = 11
```

```
fstat(11, {st_mode=S_IFREG|0644, st_size=330, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x2b6b2b250000
lseek(11, 0, SEEK_CUR)          = 0
read(11, "192.168.0.10:192.168.0.0/255.255"..., 4096) = 330
lseek(11, 330, SEEK_SET)        = 330
lseek(11, -223, SEEK_CUR)       = 107
write(11, "192.168.0.1:192.168.0.0/255.255."..., 49) = 49
fdatasync(11)                  = 0
close(11)                      = 0
munmap(0x2b6b2b250000, 4096)   = 0
close(10)                      = 0
open("/proc/net/rpc/nfsd.export/channelI", O_WRONLY|O_CREAT|O_TRUNC, 0666) = 10
fstat(10, {st_mode=S_IFREG|0600, st_size=0, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x2b6b2b250000
write(10, "192.168.0.0/255.255.255.0 /vz 12"..., 61) = -1 ENOMEM (Cannot allocate memory)
close(10)                      = 0
munmap(0x2b6b2b250000, 4096)   = 0
open("/var/lib/nfs/rmtab", O_RDWR|O_CREAT, 0177777777777777777777757) = 10
rt_sigaction(SIGALRM, {0x409fe0, [], SA_RESTORER, 0x2b6b2b59f110}, {SIG_DFL}, 8) = 0
alarm(10)                      = 0
fcntl(10, F_SETLKW, {type=F_WRLCK, whence=SEEK_SET, start=0, len=0}) = 0
alarm(0)                        = 10
rt_sigaction(SIGALRM, {SIG_DFL}, NULL, 8) = 0
open("/var/lib/nfs/rmtab", O_RDWR) = 11
fstat(11, {st_mode=S_IFREG|0644, st_size=330, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x2b6b2b250000
lseek(11, 0, SEEK_CUR)          = 0
read(11, "192.168.0.10:192.168.0.0/255.255"..., 4096) = 330
lseek(11, 330, SEEK_SET)        = 330
lseek(11, -41, SEEK_CUR)        = 289
write(11, "192.168.0.0/255.255.255.0:/vz:0x"..., 41) = 41
fdatasync(11)                  = 0
close(11)                      = 0
munmap(0x2b6b2b250000, 4096)   = 0
close(10)                      = 0
open("/proc/fs/nfsd/filehandle", O_RDWR) = 10
fstat(10, {st_mode=S_IFREG|0600, st_size=0, ...}) = 0
mmap(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0x2b6b2b250000
write(10, "192.168.0.0/255.255.255.0 /vz 64"..., 34) = -1 ENOMEM (Cannot allocate memory)
read(10, "", 4096)              = 0
close(10)                      = 0
munmap(0x2b6b2b250000, 4096)   = 0
```

Kernel is: RHEL5 2.6.18-059.6

Stefan

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