
Subject: Problem with NFS client from a VE
Posted by [jmelyn](#) on Fri, 18 Jan 2008 09:43:59 GMT
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The HN (CentOS 5) works correctly. I tried to mount nfs and it's OK. The VE (CentOS 5 as well) works fine but I cannot mount nfs.

I followed the HowTo (<http://wiki.openvz.org/NFS>). The command:

```
# vzctl exec 182215 cat /proc/filesystems gives:
```

```
.....ext2  
.....ext3  
nodev autofs  
nodev rpc_pipefs  
nodev nfs  
nodev proc  
nodev sysfs  
nodev tmpfs  
nodev devpts
```

But from within the VE, the command:

```
# mount -t nfs abpc10303:/local /mnt gives the error:
```

```
mount: wrong fs type, bad option, bad superblock on abpc10303:/local,
```

```
.....missing codepage or other error
```

```
.....In some cases useful info is found in syslog - try
```

```
.....dmesg | tail or so
```

Of course, there is nothing written in `/var/log/messages` of VE, HN and the NFS server.

Does anybody have an idea about the error? Maybe there is an obvious reason, but I can't find it...

Subject: Re: Problem with NFS client from a VE
Posted by [khorenko](#) on Fri, 18 Jan 2008 10:15:54 GMT
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Hello

1) what kernel/vzctl do you use?

2) may be it makes sense to provide the codepage as an explicit option to the mount?

3) did you check only `/var/log/messages`? Can you please also check "dmesg" inside the VE, VE0 and nfs server.

Thank you.

--

Konstantin.

Subject: Re: Problem with NFS client from a VE
Posted by [jmelyn](#) on Fri, 18 Jan 2008 10:33:36 GMT
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- 1) VE kernel version: 2.6.18-53.el5.028stab051.1. vzctl version: 3.0.22.
- 2) The man page about mount says this can be done when the file system is FAT or VFAT. But I use ext3 everywhere.
- 3) Syslogd is running on VE, VE0 (the HN OS, right?) and NFS server, but /var/log/dmesg files did not register anything about the mount attempt (file times are hours ago).

Thank you for your fast reply, Konstantin.

Subject: Re: Problem with NFS client from a VE
Posted by [jmelyn](#) on Fri, 18 Jan 2008 13:17:46 GMT
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There is no /usr/sbin/rpc.mountd. The portmap program is running correctly.

So it is a problem of installation! I'm going to check the OS template...

Subject: Re: Problem with NFS client from a VE
Posted by [maratrus](#) on Fri, 18 Jan 2008 17:33:58 GMT
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Hi,

Try to install nfs-utils inside VPS. I hope this must help you.
Please show the output of the following:
- rpm -qa | grep nfs (from HN and VPS)
- rpm -qf /bin/mount (from HN and VPS)
What exactly ostemplate do you use?

Thank You!

Subject: Re: Problem with NFS client from a VE
Posted by [jmelyn](#) on Mon, 21 Jan 2008 12:40:35 GMT
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Sorry to answer so lately. I'm implied on several projects so I'm not working much on each.

It was a template problem cause I have CentOS 5 minimal and default files and for the VE I was working on, I installed the minimal version.

How is it possible to know the template name the VE is based on?

Anyway, thanks to all of those who replied to my questions.

Subject: Re: Problem with NFS client from a VE
Posted by [maratrus](#) on Mon, 21 Jan 2008 13:07:47 GMT
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Hi,

In VE conf file
`grep -i OSTEMPLATE /etc/vz/conf/<VE_ID>.conf`
