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Subject: yum troubles on centos 5 x86\_64

Posted by [sub0](#) on Tue, 09 Oct 2007 21:16:35 GMT

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hello,

i'm having yum troubles... platform is CentOS 5 x86\_64 with Centos 4.4 VEs (based on the default templates)

two different problems:

1. i installed yum into a VE using vzyum, but when running yum from within the VE i get:

```
[root@boinc06 ~]# yum install joe
```

```
rpmdb: Program version 4.2 doesn't match environment version
error: db4 error(22) from dbenv->open: Invalid argument
error: cannot open Packages index using db3 - Invalid argument (22)
error: cannot open Packages database in /var/lib/rpm
Traceback (most recent call last):
  File "/usr/bin/yum", line 29, in ?
    yummain.main(sys.argv[1:])
  File "/usr/share/yum-cli/yummain.py", line 80, in main
    base.getOptionsConfig(args)
  File "/usr/share/yum-cli/cli.py", line 170, in getOptionsConfig
    self.doConfigSetup(fn=opts.confdir, root=root)
  File "__init__.py", line 82, in doConfigSetup
  File "config.py", line 273, in __init__
  File "config.py", line 385, in _getsysver
TypeError: rpmdb open failed
```

any ideas about what's going on?

...second problem is:

2. after running vzmigrate --online vzyum fails on the new node. it also keeps failing if i move it back to the original node:

```
[root@joycamp ~]# vzyum 202 install joe
exec /usr/bin/yum -c /vz/template/centos/4/x86_64/config/yum.conf --installroot /vz/root/202 install joe
rpmdb: Program version 4.3 doesn't match environment version
error: db4 error(-30974) from dbenv->open: DB_VERSION_MISMATCH: Database environment version mismatch
error: cannot open Packages index using db3 - (-30974)
error: cannot open Packages database in /vz/root/202/var/lib/rpm
```

Traceback (most recent call last):

```
File "/usr/bin/yum", line 29, in ?
  yummain.main(sys.argv[1:])
File "/usr/share/yum-cli/yummain.py", line 82, in main
  base.getOptionsConfig(args)
File "/usr/share/yum-cli/cli.py", line 206, in getOptionsConfig
  errorlevel=opts.errorlevel)
File "/usr/lib/python2.4/site-packages/yum/__init__.py", line 132, in doConfigSetup
  self.conf = config.readMainConfig(startupconf)
File "/usr/lib/python2.4/site-packages/yum/config.py", line 598, in readMainConfig
  yumvars['releasever'] = _getsysver(startupconf.installroot, startupconf.distroverpkg)
File "/usr/lib/python2.4/site-packages/yum/config.py", line 661, in _getsysver
  idx = ts.dbMatch('provides', distroverpkg)
TypeError: rpmdb open failed
```

the output is for two different VEs.

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Subject: Re: yum troubles on centos 5 x86\_64  
Posted by [dowdle](#) on Wed, 10 Oct 2007 20:13:54 GMT  
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I'd say the show stopper is that you don't have an rpm database as witnessed by:

error: cannot open Packages database in /var/lib/rpm

Why is that?

Try this on the problem VPS:

```
rm -f /var/lib/rpm/__db*; rpm --rebuilddb
```

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Subject: Re: yum troubles on centos 5 x86\_64  
Posted by [branch](#) on Fri, 12 Oct 2007 16:29:06 GMT  
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I just saw this problem yesterday. In addition to rebuilding the RPM database, I needed to re-run yum in the VPS, say "yum update" and after that, vzyum would work fine.

What's interesting is that in the posted centos5 minimal and default templates, the various /vz/template/centos/5/i386/config pre and post scripts make mention of this though they are commented out. I think they should be brought back with the addition of a yum pass.

--David

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Subject: Re: yum troubles on centos 5 x86\_64  
Posted by [dowdle](#) on Fri, 12 Oct 2007 17:05:06 GMT  
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I don't have any x86\_64 VEs and I haven't run into this problem. Do you think this is specific to x86\_64? Are your VE's x86\_64 or i386?

I have run some CentOS 4 VEs on CentOS 4, some CentOS 4 VEs on CentOS 5, and some CentOS 5 VEs on CentOS 5. Mostly i386 but I now have a hn that has CentOS 5 x86\_64... and I haven't run into this problem... but it is possible that I haven't created any new VEs on the x86\_64 system... as I think I've migrated the VEs to it from other machines.

Give me a better run down of the specifics of your situation and I'll see if I can duplicate it.

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