
Subject: Re: Install problems on dual opteron (64 bits), CentOS 4.4

Posted by [fgomes](#) on Fri, 06 Oct 2006 09:44:15 GMT

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Thanks for your fast reply!

Before I read your message, I tried the quick installation guide method, using yum, so I configured openvz repository and installed all the tools without any error... but it seems to me that the tools installed are the 32 versions, not the 64 bit version...

After that, I downloaded a precreated cache for the centos 64 bit minimal, created a VE and it worked well. Then I found that vzyum doesn't work - probably because of not having metadata. The CentOS minimal hasn't yum installed, so I suppose the only way to install things in this VE is to use RPM directly on the VE. Where can I get metadata for a 64 bit OS template?

```
# vzyum 101 install xpto
```

```
ERROR: No such OS template: install
```

Then, I installed metadata for centos i386, but vzpkgcache fails:

Creating cache for centos-4-i386-default OS template

There was a problem importing one of the Python modules required to run yum. The error leading to this problem was:

```
/usr/share/vzpkgtools/vzrpm43/lib/python2.3/site-packages/rpmmodule.so: cannot open shared object file: No such file or directory
```

Please install a package which provides this module, or verify that the module is installed correctly.

It's possible that the above module doesn't match the current version of Python, which is:

2.3.4 (#1, Mar 13 2006, 07:49:07)

[GCC 3.4.4 20050721 (Red Hat 3.4.4-2)]

If you cannot solve this problem yourself, please send this message to <yum@lists.linux.duke.edu>.

```
ERROR: yum failed with 1 exit code
```

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Then, it was too late and went to bed

This morning I read your message, and tried to comment the PYTHONPATH line (yesterday I have already installed vzpkg with --nodeps), but the cache generation also fails (I don't know if it is because now I have 32 and 64 bit tools though). I had to comment the three lines:

```
# PYTHONPATH=`get_rpm_pythonhome $TDIR`  
# export PYTHONPATH  
# log4 PYTHONPATH=$PYTHONPATH
```

and this was the result:

```
# vzpkgcache
```

Creating cache for centos-4-i386-default OS template

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 /vz/root/100001/var/lib/rpm

Traceback (most recent call last):

File "/usr/share/vzyum/bin/yum", line 28, in ?

yummain.main(sys.argv[1:])

File "/usr/share/vzyum/yum-cli/yummain.py", line 75, in main

base.getOptionsConfig(args)

File "/usr/share/vzyum/yum-cli/cli.py", line 172, in getOptionsConfig

self.doConfigSetup(fn=opts.confdir, root=root, vps=opts.vps)

File "/usr/share/vzyum/lib/yum/__init__.py", line 82, in doConfigSetup

self.conf = config.yumconf(configdir=fn, root=root, vps=vps)

File "/usr/share/vzyum/lib/yum/config.py", line 271, in __init__

self.yumvar['releasever'] = self._getsysver()

File "/usr/share/vzyum/lib/yum/config.py", line 384, in _getsysver

idx = ts.dbMatch('provides', self.getConfigOption('distroverpkg'))

TypeError: rpmdb open failed

ERROR: yum failed with 1 exit code

Creating cache for centos-4-i386-minimal OS template

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  idx = ts.dbMatch('provides', self.getConfigOption('distroverpkg'))
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```

Any idea of what can I do about this?

Thanks!

Fernando
