
Subject: vzyum database recovery -- was vzpkgcache fail

Posted by [dranch](#) on Fri, 19 Oct 2007 18:28:53 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello Everyone,

Per the Russian forum, another user had an issue with "vzyum" where it would fail. I've noticed the following and I was curious if there is a fix for this issue.

What was the solution to this problem (the answer isn't in English)? I've noticed that vzyum will always stop working but if I go into each VE and locally run "yum update", things get cleaned up for vzyum to run again without issue for a while more. But, a day later, the issue comes back.

Below I show that:

1. "vzyum update" fails
2. I enter the VE, locally run "yum update"
3. I exit the VE, rerun "vzyum 100 update" and it works (for some period of time)

1. "vzyum 100 update" fails

```
-----  
# vzyum 100 install am-utils  
exec /usr/share/vzyum/bin/yum -c /vz/template/centos/5/i386/config/yum.conf --installroot  
/vz/root/100 --vps=100 install am-utils  
rpmdb: unable to initialize mutex: Invalid argument  
rpmdb: PANIC: Invalid argument  
rpmdb: PANIC: DB_RUNRECOVERY: Fatal error, run database recovery  
error: db4 error(-30977) from dbenv->open: DB_RUNRECOVERY: Fatal error, run database  
recovery  
error: cannot open Packages index using db3 - (-30977)  
error: cannot open Packages database in /vz/root/100/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.conf, root=root, vps=opts.vps)  
  File "/usr/share/vzyum/lib/yum/__init__.py", line 82, in doConfigSetup  
    self.conf = config.yumconf(configfile=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

2. Enter VE and run "yum update"

```
-----  
# /usr/sbin/vzctl enter 100  
entered into VE 100  
dolly-centos5-A:/# yum update  
Loading "installonlyn" plugin  
Setting up Update Process  
Setting up repositories  
base                100% |=====| 1.1 kB  00:00  
updates             100% |=====| 951 B  00:00  
addons              100% |=====| 951 B  00:00  
extras             100% |=====| 1.1 kB  00:00  
Reading repository metadata in from local files  
No Packages marked for Update/Obsolescence
```

3. Exit the VE and again run "vzyum 100 update" and it works for some period of time

```
-----  
# exit  
logout  
  
exited from VE 100  
dolly-centos5-openvz:/etc# vzyum 100 install am-utils  
exec /usr/share/vzyum/bin/yum -c /vz/template/centos/5/i386/config/yum.conf --installroot  
/vz/root/100 --vps=100 install am-utils  
Setting up Install Process  
Setting up repositories  
centos5-vz-addons   100% |=====| 951 B  00:00  
centos5-updates-released 100% |=====| 951 B  00:00  
centos5-base        100% |=====| 1.1 kB  00:00  
Reading repository metadata in from local files  
Parsing package install arguments  
Nothing to do"
```
