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Subject: RE: yum update problem on CentOS 5.8 server  
Posted by [Holger Rabbach \(ICT\)](#) on Wed, 26 Sep 2012 13:32:07 GMT  
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Thanks for the quick reply, I'll stay with the old version for now. The host server will move to CentOS 6 in the not too distant future anyway, it's just not something I can do right away.

Regards,  
Holger

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Holger Rabbach  
Assistant International IT Manager

From: Kir Kolyshkin [mailto:kir@openvz.org]  
Sent: Mittwoch, 26. September 2012 15:13  
To: users@openvz.org  
Cc: Holger Rabbach (ICT)  
Subject: Re: [Users] yum update problem on CentOS 5.8 server

On 09/26/2012 04:46 PM, Holger Rabbach (ICT) wrote:  
Hi,

I tried to run yum update on a CentOS 5.8 OpenVZ host server today and something strange happened. Yum tries to update vzctl-core to version 4.0-1, which seems to require an updated plop-lib package, but the updated plop-lib package from the yum repository requires a kernel  $\geq$  2.6.32 (CentOS 5 runs on 2.6.18). As a result, the entire update fails. It looks like there are the wrong package versions in the yum repository for RHEL/CentOS 5 - or is there something else going on?

There are two problems here:

1 ploop

Since you have RHEL5-based kernel that do not require ploop, you can remove ploop when installing vzctl-4.0. I have made vzctl not requiring ploop by dynamically loading it when it's available. Note that vzctl is not requiring ploop anymore, it just conflicts with the old version of it.

2 libcgroup

Currently I don't have a solution rather than compiling libcgroup from source. I will take a closer look in the coming days and find a fix.

In the meantime,

- please stay with vzctl-3.3 and
- maybe it's a good time for switching to RHEL6 kernel which has a lot of nice features such as VSwap.

Best regards,  
Holger

PS: full output from yum follows:

```
[root@paul ~]# yum update
Loaded plugins: dellsysid, fastestmirror, security
Loading mirror speeds from cached hostfile
* base: mirror.netcologne.de
* epel: ftp.uni-koeln.de<ftp://ftp.uni-koeln.de>
* extras: mirror.netcologne.de
* openvz-kernel-rhel5: openvz.proserve.nl
* openvz-utils: openvz.proserve.nl
* updates: mirror.netcologne.de
base | 1.1 kB
00:00
cr | 1.9 kB
00:00
dell-omsa-indep | 1.9
kB 00:00
dell-omsa-specific | 1.9
kB 00:00
openvz-kernel-rhel5 | 951
B 00:00
openvz-utils | 951 B
00:00
updates | 1.9 kB
00:00
Skipping security plugin, no data
Setting up Update Process
Resolving Dependencies
Skipping security plugin, no data
--> Running transaction check
---> Package ploop.x86_64 0:1.5-1 set to be updated
---> Package ploop-lib.x86_64 0:1.5-1 set to be updated
---> Package vzctl.x86_64 0:4.0-1 set to be updated
--> Processing Dependency: libcgrouper.so.1()(64bit) for package: vzctl
---> Package vzctl-core.x86_64 0:4.0-1 set to be updated
--> Processing Dependency: libcgrouper.so.1(CGROUP_0.32.1)(64bit) for package: vzctl-core
--> Processing Dependency: libcgrouper.so.1(CGROUP_0.34)(64bit) for package: vzctl-core
--> Processing Dependency: libcgrouper.so.1(CGROUP_0.35)(64bit) for package: vzctl-core
--> Processing Dependency: libcgrouper.so.1(CGROUP_0.32)(64bit) for package: vzctl-core
--> Processing Dependency: libcgrouper.so.1()(64bit) for package: vzctl-core
--> Processing Conflict: ploop-lib conflicts vkernel < 2.6.32-042stab061.1
--> Processing Conflict: ploop-lib conflicts vkernel < 2.6.32-042stab061.1
--> Processing Conflict: ploop-lib conflicts vkernel < 2.6.32-042stab061.1
```

```
--> Processing Conflict: ploop-lib conflicts vzkernel < 2.6.32-042stab061.1
--> Processing Conflict: ploop-lib conflicts vzkernel < 2.6.32-042stab061.1
--> Finished Dependency Resolution
vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
--> Missing Dependency: libcgroup.so.1(CGROUP_0.32)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
--> Missing Dependency: libcgroup.so.1(CGROUP_0.35)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
--> Missing Dependency: libcgroup.so.1(CGROUP_0.34)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
--> Missing Dependency: libcgroup.so.1()(64bit) is needed by package vzctl-core-4.0-1.x86_64
(openvz-utils)
vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
--> Missing Dependency: libcgroup.so.1(CGROUP_0.32.1)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
ploop-lib-1.5-1.x86_64 from openvz-utils has depsolving problems
--> ploop-lib conflicts with ovzkernel
vzctl-4.0-1.x86_64 from openvz-utils has depsolving problems
--> Missing Dependency: libcgroup.so.1()(64bit) is needed by package vzctl-4.0-1.x86_64
(openvz-utils)
Error: Missing Dependency: libcgroup.so.1()(64bit) is needed by package vzctl-4.0-1.x86_64
(openvz-utils)
Error: ploop-lib conflicts with ovzkernel
Error: Missing Dependency: libcgroup.so.1()(64bit) is needed by package vzctl-core-4.0-1.x86_64
(openvz-utils)
Error: Missing Dependency: libcgroup.so.1(CGROUP_0.34)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
Error: Missing Dependency: libcgroup.so.1(CGROUP_0.32.1)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
Error: Missing Dependency: libcgroup.so.1(CGROUP_0.35)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
Error: Missing Dependency: libcgroup.so.1(CGROUP_0.32)(64bit) is needed by package
vzctl-core-4.0-1.x86_64 (openvz-utils)
You could try using --skip-broken to work around the problem
You could try running: package-cleanup --problems
                        package-cleanup --dupes
                        rpm -Va --nofiles --nodigest
[root@paul ~]#
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