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Subject: Re: yum update problem on CentOS 5.8 server

Posted by [kir](#) on Wed, 26 Sep 2012 13:13:28 GMT

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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 >=  
> 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: delsysid, fastestmirror, security  
>  
> Loading mirror speeds from cached hostfile  
>

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> * base: mirror.netcologne.de
>
> * epel: 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

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>
> --> Processing Dependency: libcgrou.p.so.1(CGROU.P_0.34)(64bit) for
> package: vzctl-core
>
> --> Processing Dependency: libcgrou.p.so.1(CGROU.P_0.35)(64bit) for
> package: vzctl-core
>
> --> Processing Dependency: libcgrou.p.so.1(CGROU.P_0.32)(64bit) for
> package: vzctl-core
>
> --> Processing Dependency: libcgrou.p.so.1()(64bit) for package: vzctl-core
>
> --> Processing Conflict: ploop-lib conflicts vzkernel <
> 2.6.32-042stab061.1
>
> --> Processing Conflict: ploop-lib conflicts vzkernel <
> 2.6.32-042stab061.1
>
> --> Processing Conflict: ploop-lib conflicts vzkernel <
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>
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> 2.6.32-042stab061.1
>
> --> Finished Dependency Resolution
>
> vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
>
> --> Missing Dependency: libcgrou.p.so.1(CGROU.P_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: libcgrou.p.so.1(CGROU.P_0.35)(64bit) is needed
> by package vzctl-core-4.0-1.x86_64 (openvz-utils)
>
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> vzctl-core-4.0-1.x86_64 from openvz-utils has depsolving problems
>
> --> Missing Dependency: libcgrou.p.so.1()(64bit) is needed by package
> vzctl-core-4.0-1.x86_64 (openvz-utils)

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>
> 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)
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>
> 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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