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Subject: vzpkgcache: Floating point exception  
Posted by [wondermike](#) on Mon, 25 Sep 2006 20:26:49 GMT  
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Hi,

I'm having problems with using vzpkgcache:

```
+ /usr/share/vzyum/bin/yum --installroot=/vz/root/100001 --vps=100001 -c
/vz/template/centos/4/i386/config/yum.conf -y install ed basesystem coreutils openssh-clients
openssh-server bind libstdc++ perl gdbm libgcc readline httpd less lynx wget quota traceroute
stunnel slocate rsync unzip vim-minimal man man-pages vixie-cron portmap iptables rpm python
crontabs authconfig bzip2 caching-nameserver cpio cups-libs curl cyrus-sasl-plain
cyrus-sasl-gssapi diffutils elfutils fetchmail finger finger-server freetype ftp gd gnupg gzip hesiod
httpd-manual jwhois libdbi libjpeg libpng libtiff libtool-libs libuser libxslt lsof m4 mailx ncompress
netpbm newt ntsysv openldap passwd rootfiles samba-swat samba-client screen setuptool
sgml-common sharutils sudo talk talk-server tar tcl tcpdump tcsh telnet time tmpwatch unixODBC
utempter xml-common sendmail sendmail-cf sendmail-doc dummy-centos-4 vzdev MAKEDEV -d
5 -e 5
/usr/share/vzpkg/cache-os: line 190: 11038 Floating point exception$YUM $YUM_CMD
+ abort 'yum failed with 136 exit code'
+ log 1 yum failed with 136 exit code
```

This happens while executing /usr/share/vzpkg/cache-os.

An strace of yum gives me the following: (see attachment).  
I'm using a Centos 4.4 system and I'm following the instructions on  
[http://wiki.openvz.org/OS\\_template\\_cache\\_preparation](http://wiki.openvz.org/OS_template_cache_preparation)  
for 'centos-4' as an os template.  
Can you help me?  
Thanks in advance!  
Regards, Michael

### File Attachments

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1) [yum.strace.output.txt](#), downloaded 406 times

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Subject: Re: vzpkgcache: Floating point exception  
Posted by [HaroldB](#) on Tue, 26 Sep 2006 01:45:09 GMT  
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Hi, tell us your kernel version and hardware specs, especially CPU.

```
rpm -qa | grep vz
```

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Subject: Re: vzpkgcache: Floating point exception  
Posted by [wondermike](#) on Wed, 27 Sep 2006 16:31:39 GMT  
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Hi,

here's the vz rpms:

```
root@matrix ~ # rpm -qa | grep vz
vzquota-3.0.8-1
vzyum-2.4.0-11
vzrpm43-4.3.3-7_nonptl.6
vzctl-lib-3.0.11-1
vzrpm44-python-4.4.1-22.5
vzpkg-2.7.0-18
vzctl-3.0.11-1
vztmpl-centos-4-2.0-2
ovzkernel-smp-2.6.8-022stab078.14
vzrpm44-4.4.1-22.5
vzrpm43-python-4.3.3-7_nonptl.6
```

The machine's details:

3ware 9550SX-4LP + BBU  
4x250GB Seagate ST3250820AS SATAII with NCQ  
Board: Supermicro X6DH8-G2+  
2 x Intel xeon 3.6GHz  
4GB RAM

... for the cpu info:

```
[root@matrix ~]# cat /proc/cpuinfo
processor      : 0
vendor_id    : GenuineIntel
cpu family    : 15
model        : 4
model name    : Intel(R) Xeon(TM) CPU 3.60GHz
stepping     : 10
cpu MHz      : 3601.737
cache size   : 2048 KB
physical id   : 0
siblings     : 2
fdiv_bug     : no
hlt_bug      : no
f00f_bug     : no
coma_bug     : no
fpu          : yes
fpu_exception : yes
cpuid level   : 5
```

wp : yes  
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush  
dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm pni monitor ds\_cpl tm2 est cid  
bogomips : 7110.65

processor : 1  
vendor\_id : GenuineIntel  
cpu family : 15  
model : 4  
model name : Intel(R) Xeon(TM) CPU 3.60GHz

stepping : 10  
cpu MHz : 3601.737  
cache size : 2048 KB  
physical id : 0

siblings : 2  
fdiv\_bug : no  
hlt\_bug : no  
f00f\_bug : no  
coma\_bug : no

fpu : yes  
fpu\_exception : yes  
cpuid level : 5

wp : yes  
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush  
dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm pni monitor ds\_cpl tm2 est cid  
bogomips : 7192.57

processor : 2  
vendor\_id : GenuineIntel  
cpu family : 15  
model : 4  
model name : Intel(R) Xeon(TM) CPU 3.60GHz

stepping : 10  
cpu MHz : 3601.737  
cache size : 2048 KB  
physical id : 3

siblings : 2  
fdiv\_bug : no  
hlt\_bug : no  
f00f\_bug : no  
coma\_bug : no

fpu : yes  
fpu\_exception : yes  
cpuid level : 5

wp : yes  
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush  
dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm pni monitor ds\_cpl tm2 est cid  
bogomips : 7192.57

processor : 3  
vendor\_id : GenuineIntel  
cpu family : 15  
model : 4  
model name : Intel(R) Xeon(TM) CPU 3.60GHz  
stepping : 10  
cpu MHz : 3601.737  
cache size : 2048 KB  
physical id : 3  
siblings : 2  
fdiv\_bug : no  
hlt\_bug : no  
f00f\_bug : no  
coma\_bug : no  
fpu : yes  
fpu\_exception : yes  
cpuid level : 5  
wp : yes  
flags : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush  
dts acpi mmx fxsr sse sse2 ss ht tm pbe nx lm pni monitor ds\_cpl tm2 est cid  
bogomips : 7192.57

/proc/cpuinfo shows up 4 cpus because HT is enabled.

Regards - Michael

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Subject: Re: vzpkgcache: Floating point exception  
Posted by [wondermike](#) on Sun, 01 Oct 2006 19:37:35 GMT  
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Sorry, had to switch to xen which was indeed easier to install. Anyways, all the best for openvz.  
Michael

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