
Subject: *SOLVED* which kernel version shud i install ??
Posted by [will_u_tellmemore](#) on Fri, 22 Sep 2006 07:25:33 GMT
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Hi all,

I have one AMD 64 bit machine
and one AMD Opteron 246 machine .

Please tell me which kernel versions shud be used if want to test both 32 bit and 64 bit version of migration stuff ..

Regards,
TellMeMore

Subject: Re: which kernel version shud i install ??
Posted by [Vasily Tarasov](#) on Fri, 22 Sep 2006 07:31:20 GMT
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You should use x86_64 kernel

Subject: Re: which kernel version shud i install ??
Posted by [will_u_tellmemore](#) on Fri, 22 Sep 2006 12:54:43 GMT
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Hi ,
I may sound like child but please bear with this as i am a newbie to linux world and want to test this live migartion stuff

Can u tell me exact version to be used ??
Today i tested with 2.6.16 test version which i picked from Development branch of download section ..

```
uname -a  
Linux apple 2.6.16-026test017.1 #1 Fri Aug 4 19:33:05 MSD 2006 i686 athlon i386 GNU/Linux
```

```
vzmigrate -v --online ip_addr VPSID
```

```
Setup checkpoint...  
Error: No checkpointing support, unable to open /proc/cpt: No such file or directory  
Failed to suspend VPS
```

I expected this to work for live migration ..
Now this machine is

```
processor      : 0
vendor_id     : AuthenticAMD
cpu family    : 15
model        : 37
model name    : AMD Opteron(tm) Processor 246
stepping     : 1
cpu MHz      : 999.608
cache size   : 1024 KB
fdiv_bug     : no
hlt_bug      : no
f00f_bug     : no
coma_bug     : no
fpu          : yes
fpu_exception : yes
cpuid level  : 1
wp           : yes
flags        : fpu vme de pse tsc msr pae mce cx8 apic sep mtrr pge mca cmov pat pse36 clflush
mmx fxsr sse sse2 syscall nx mmxext fxsr_opt lm 3dnowext 3dnow pni lahf_lm ts fid vid ttp
bogomips    : 2007.36
```

will u please me suggest what to do now ??

Also may i know which is the oldest and latest linux kernel version OpenVZ supports for live migration ??

Is the OS template used for VPS also to be considered while thinking abt live migration ??

Regards
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Subject: Re: which kernel version shud i install ??

Posted by [Vasily Tarasov](#) on Tue, 26 Sep 2006 08:10:00 GMT

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2.6.16-026test017.1 kernel supports live migration.

The reason of your problem is that appropriate kernel modules aren't loaded: vzcpt, vzrst.

Usually these modules should be loaded by /etc/init.d/vz script at startup. Check does it happen or not.

You can manually start vz service giving `/etc/init.d/vz start` command, or just load vzctp/vzrst kernel modules using modprobe.

Also check that you're using latest vzctl (vzctl-3.0.11).

Subject: Re: which kernel version shud i install ??

Posted by [will_u_tellmemore](#) on Fri, 29 Sep 2006 05:28:17 GMT

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Hi Vass,

Thanks for ur reply ...

Yah i am using latest vzctl ... i guess the problem was with modules as u said.but i havent confirmed it yet.. but it worked after restarting the machine .. so i *feel* the problem was with module .. nyway its working now ...

Regards,

TellMeMore
