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Subject: [solved] ovzkernel install issue on CentOS 5.2 64-bit?

Posted by [tbenoit](#) on Thu, 07 Aug 2008 22:33:29 GMT

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Working with a fresh CentOS v5.2 64-bit server today, I went and installed the ovzkernel & ovzkernel-devel via yum.

I had been working with the 32-bit versions until today.

Any assistance is appreciated.

Here are the commands I ran:

```
# cd /etc/yum.repos.d  
# wget http://download.openvz.org/openvz.repo  
# rpm --import http://download.openvz.org/RPM-GPG-Key-OpenVZ  
# yum -y install ovzkernel ovzkernel-devel
```

Here is what I received:

Quote:

Running Transaction

```
Installing: ovzkernel-devel      ##### [1/4]  
Installing: ovzkernel          ##### [2/4]  
Installing: ovzkernel-devel      ##### [3/4]  
Installing: ovzkernel          ##### [4/4]  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s csi/a100u2w.ko needs  
unknown symbol mem_map  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s csi/advansys.ko needs  
unknown symbol mem_map  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s  
csi/pcmcia/aha152x_cs.ko needs unknown symbol page_address  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/p ci/hotplug/cpqphp.ko  
needs unknown symbol pcibios_get_irq_routing_table  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/p ci/hotplug/cpqphp.ko  
needs unknown symbol pcibios_set_irq_routing  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386 /kernel/cpuid.ko needs  
unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
sdn/hardware/eicon/diva_idi.ko needs unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
sdn/hardware/eicon/diva_idi.ko needs unknown symbol __copy_from_user_ll_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
sdn/hardware/eicon/diva_mnt.ko needs unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
sdn/hardware/eicon/diva_mnt.ko needs unknown symbol __copy_from_user_ll_nozero
```

WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
sdn/hardware/eicon/divas.ko needs unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
sdn/hardware/eicon/divas.ko needs unknown symbol \_\_copy\_from\_user\_ll\_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s csi/fdomain.ko needs  
unknown symbol page\_address  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s  
csi/pcmcia/fdomain\_cs.ko needs unknown symbol page\_address  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/hamachi.ko needs  
unknown symbol \_\_per\_cpu\_offset  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/i8k.ko needs  
unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/m isc/ibmasm/ibmasm.ko  
needs unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/m isc/ibmasm/ibmasm.ko  
needs unknown symbol \_\_copy\_from\_user\_ll\_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/p ci/hotplug/ibmphp.ko  
needs unknown symbol pcibios\_get\_irq\_routing\_table  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/p ci/hotplug/ibmphp.ko  
needs unknown symbol IO\_APIC\_get\_PCI\_irq\_vector  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/pcmcia/ibmtr\_cs.ko  
needs unknown symbol \_\_per\_cpu\_offset  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/pcmcia/ibmtr\_cs.ko  
needs unknown symbol direct\_csum\_partial\_copy\_generic  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n  
et/tokenring/lanstreamer.ko needs unknown symbol \_\_per\_cpu\_offset  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386 /kernel/microcode.ko  
needs unknown symbol \_\_copy\_from\_user\_ll\_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386 /kernel/msr.ko needs  
unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386 /kernel/msr.ko needs  
unknown symbol \_\_copy\_from\_user\_ll\_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/mwave/mwave.ko  
needs unknown symbol rtc\_cmos\_read  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/mwave/mwave.ko  
needs unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/mwave/mwave.ko  
needs unknown symbol \_\_copy\_from\_user\_ll\_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/n\_r3964.ko needs  
unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/a tm/nicstar.ko needs  
unknown symbol \_\_per\_cpu\_offset  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/a tm/nicstar.ko needs  
unknown symbol \_\_copy\_to\_user\_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/a tm/nicstar.ko needs  
unknown symbol \_\_copy\_from\_user\_ll\_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386 /oprofile/oprofile.ko  
needs unknown symbol \_\_copy\_to\_user\_ll

```
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386 /oprofile/oprofile.ko  
needs unknown symbol __copy_from_user_ll_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386  
/kernel/cpu/cpufreq/p4-clockmod.ko needs unknown symbol speedstep_get_processor_frequency  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/arch/i386  
/kernel/cpu/cpufreq/p4-clockmod.ko needs unknown symbol speedstep_detect_processor  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/qla3xxx.ko needs  
unknown symbol __per_cpu_offset  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/qla3xxx.ko needs  
unknown symbol mem_map  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s csi/qlogicfas408.ko  
needs unknown symbol page_address  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/drm/sis.ko needs  
unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/drm/sis.ko needs  
unknown symbol __copy_from_user_ll_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/sundance.ko needs  
unknown symbol __per_cpu_offset  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s  
csi/pcmcia/sym53c500_cs.ko needs unknown symbol page_address  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/tlclk.ko needs  
unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/s csi/tmscsim.ko needs  
unknown symbol mem_map  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/toshiba.ko needs  
unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/toshiba.ko needs  
unknown symbol __copy_from_user_ll_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/tpm/tpm.ko needs  
unknown symbol __copy_to_user_ll  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/c har/tpm/tpm.ko needs  
unknown symbol __copy_from_user_ll_nozero  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/i  
nput/misc/wistron_btns.ko needs unknown symbol rtc_cmos_read  
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/n et/yellowfin.ko needs  
unknown symbol __per_cpu_offset  
warning: /etc/modprobe.d/blacklist-fibre created as /etc/modprobe.d/blacklist-fibre.rpmnew
```

After the install, the server did come up ok, but I'm not one who likes errors (especially pertaining to the kernel).

The CentOS kernel that was running before the upgrade: 2.6.18-92.1.10.el5

Here is some further output that may assist:

```
# cat /etc/redhat-release  
CentOS release 5.2 (Final)
```

```
# uname -a  
Linux hhdfw02.hurricanehost.com 2.6.18-92.1.1.el5.028stab057.2 #1 SMP Mon Jul 21 17:08:31  
MSD 2008 x86_64 x86_64 x86_64 GNU/Linux
```

```
# rpm -q ovzkernel --qf "%{NAME}-%{VERSION}-%{RELEASE}.%{ARCH}\n"  
ovzkernel-2.6.18-92.1.1.el5.028stab057.2.i686  
ovzkernel-2.6.18-92.1.1.el5.028stab057.2.x86_64
```

```
# rpm -q ovzkernel-devel --qf "%{NAME}-%{VERSION}-%{RELEASE}.%{ARCH}\n"  
ovzkernel-devel-2.6.18-92.1.1.el5.028stab057.2.x86_64  
ovzkernel-devel-2.6.18-92.1.1.el5.028stab057.2.i686
```

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