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

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

[View Forum Message](#) <> [Reply to Message](#)

Working with a fresk 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_nzero
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_nzero
```

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/net/qla3xxx.ko needs unknown symbol __per_cpu_offset
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/net/qla3xxx.ko needs unknown symbol mem_map
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/scsi/qllogicfas408.ko needs unknown symbol page_address
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/drm/sis.ko needs unknown symbol __copy_to_user_ll
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/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/net/sundance.ko needs unknown symbol __per_cpu_offset
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/scsi/pcmcia/sym53c500_cs.ko needs unknown symbol page_address
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/tlclk.ko needs unknown symbol __copy_to_user_ll
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/scsi/tmscsim.ko needs unknown symbol mem_map
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/toshiba.ko needs unknown symbol __copy_to_user_ll
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/toshiba.ko needs unknown symbol __copy_from_user_ll_nozero
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/tpm/tpm.ko needs unknown symbol __copy_to_user_ll
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/char/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/input/misc/wistron_btms.ko needs unknown symbol rtc_cmos_read
WARNING: /lib/modules/2.6.18-92.1.1.el5.028stab057.2/kernel/drivers/net/yellowfin.ko needs unknown symbol __per_cpu_offset
warning: /etc/modprobe.d/blacklist-firewire created as /etc/modprobe.d/blacklist-firewire.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
```
