
Subject: Cannot start OpenVZ on openSUSE ! plz HELPPP !
Posted by [Alexey Eremenko](#) on Wed, 02 May 2007 21:49:52 GMT
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hi all !

I have installed openVZ on openSUSE 10.2 with major issues, because the kernel I used was from suse10.0 and because some dependencies go unaddressed...

Anyway: I have made a VPS but I cannot start it for some reason. Why ?

```
opensuse:/vz/private/777 # vzctl start 777
Warning: configuration file for distribution suse10.2 not found default used
Starting VE ...
VE is mounted
Invalid kernel, or some kernel modules are not loaded
VE start failed
VE is unmounted
```

The VZ LKM is present:

```
opensuse:/vz/private/777 # lsmod | grep vz
vzdev                3204 0
```

any ideas ?

-Alexey "Technologov"

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !
Posted by [kir](#) on Thu, 03 May 2007 08:18:21 GMT
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Which kernel are you using?

Did /etc/init.d/vz start worked OK for you?

Can you post the output of lsmod here?

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !
Posted by [Alexey Eremenko](#) on Thu, 03 May 2007 09:17:19 GMT
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list of LKMs:

```
opensuse:/vz/private/777 # lsmod | sort
```

aamatch_pcre	13824	1	apparmor
ac	5124	0	
af_packet	20360	2	
agpgart	29232	1	via_agp
apparmor	48672	0	
battery	9860	0	
button	6800	0	
cdrom	32304	2	sr_mod,ide_cd
dm_mod	52964	0	
edd	8800	0	
ehci_hcd	27016	0	
ext3	118536	2	
fan	4868	0	
fat	47004	1	vfat
fuse	34316	2	
i2c_core	19728	1	i2c_viapro
i2c_viapro	8084	0	
ide_cd	35744	0	
ide_core	116668	3	ide_cd,via82cxxx,ide_disk
ide_disk	14848	7	
ip6_tables	14296	0	
jbd	59808	1	ext3
joydev	9152	0	
loop	15112	0	
lp	10816	0	
mii	5376	1	via_rhine
Module	Size	Used by	
nls_cp437	5888	2	
nls_iso8859_1	4224	2	
nls_utf8	2176	0	
parport	32456	2	parport_pc,lp
parport_pc	35440	1	
pci_hotplug	24372	1	shpchp
processor	23108	1	thermal
scsi_mod	122220	4	sg,st,sd_mod,sr_mod
sd_mod	16656	0	
sg	31004	0	
shpchp	39360	0	
simfs	4572	0	
snd	50976	10	snd_pcm_oss,snd_pcm,snd_mixer_oss,snd_seq_midi,snd_seq,snd_t
imer,snd_mpu401,snd_mpu401_uart,snd_rawmidi,snd_seq_device			
snd_mixer_oss	16384	1	snd_pcm_oss
snd_mpu401	8352	0	
snd_mpu401_uart	7040	1	snd_mpu401
snd_page_alloc	9864	1	snd_pcm
snd_pcm	80392	1	snd_pcm_oss
snd_pcm_oss	43264	0	
snd_rawmidi	23552	2	snd_seq_midi,snd_mpu401_uart

```
snd_seq          47468 2 snd_seq_midi,snd_seq_midi_event
snd_seq_device   8204 3 snd_seq_midi,snd_seq,snd_rawmidi
snd_seq_midi     9216 0
snd_seq_midi_event 6528 1 snd_seq_midi
snd_timer       21124 2 snd_pcm,snd_seq
soundcore       8928 1 snd
sr_mod          14756 0
st              34208 0
thermal         13832 0
uhci_hcd        27536 0
usbcore        109472 4 usbhid,ehci_hcd,uhci_hcd
usbhid          39776 0
vfat            11520 2
via82cxxx       8324 0 [permanent]
via_agp         9600 1
via_rhine       21252 0
vzdev           3204 0
x_tables        15616 1 ip6_tables
```

kernel:

```
opensuse:/vz/private/777 # uname -a
Linux opensuse 2.6.16.21_2_ve026test016-1-default #1 Wed Jul 5 21:47:38 MSD 2006 i686
athlon i386 GNU/Linux
```

That one was downloaded from openvz website, for SUSE 10.0, but I'm running SUSE 10.2.
There is no kernel found for 10.2.

service refuses to start:

```
opensuse:/vz/private/777 # /etc/init.d/vz start
Starting OpenVZ: failed to load module vzmon          failed
```

Tried to load LKM, but failed:

```
opensuse:/vz/private/777 # modprobe vzmon
FATAL: Error inserting vzmon (/lib/modules/2.6.16.21_2_ve026test016-1-default/kernel/kern
el/vzmon.ko): Unknown symbol in module, or unknown parameter (see dmesg)
```

plz HELP !

-Alexey "Technologov"

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !
Posted by [Alexey Eremenko](#) on Thu, 03 May 2007 10:22:09 GMT
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RPM install fails.

```
opensuse:~ # rpm -ivh kernel-2.6.20-ovz005.1.i686.rpm.rpm
warning: kernel-2.6.20-ovz005.1.i686.rpm.rpm: Header V3 DSA signature: NOKEY, key ID
a7a1d4b6
error: Failed dependencies:
    initscripts >= 5.83 is needed by kernel-2.6.20-ovz005.1.i686
    mkinitrd >= 3.5.5 is needed by kernel-2.6.20-ovz005.1.i686
```

Unfortunately there is no "initscripts" packages exists on openSUSE (not that I know of anyway)

Now, I'm trying to build a new openvz kernel from scratch:

I have downloaded the official patch from http://wiki.openvz.org/Download_kernel_2.6.20
file : "patch-ovz005.1-combined.gz"

I did:

```
tux@opensuse:~/linux-2.6.20.7> gzip -dc kernel-2.6.20-patch-ovz005.1-combined.gz | patch -p1
```

and tried to apply that patch to vanilla 2.6.20.7 kernel, but it returns plenty of errors ! Why is this official patch incompatible with the official Linus' Linux kernel?

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !

Posted by [kir](#) on Thu, 03 May 2007 11:04:13 GMT

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Quote:and tried to apply that patch to vanilla 2.6.20.7 kernel, but it returns plenty of errors ! Why is this official patch incompatible with the official Linus' Linux kernel?

If you care to read the download page, it tells:

Quote:This patch is applicable to vanilla Linux 2.6.20 kernel

2.6.20 is not 2.6.20.7.

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !

Posted by [Alexey Eremenko](#) on Thu, 03 May 2007 11:42:54 GMT

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>2.6.20 is not 2.6.20.7.

Thanks ! This applied cleanly now and started compiling !

I thought by "2.6.20" they really meant 2.6.20.x...

The integration between openvz and openSUSE is basically lacking... maybe I can improve this situation a bit... Maybe I will write some docs on that topic (if I will like openvz)

Too bad that openvz is too RedHat-centric.

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !

Posted by [kir](#) on Thu, 03 May 2007 11:56:32 GMT

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It's just RPM dependencies listed in .spec file are redhat-specific. RPM does not provide a way to have per-distribution dependencies, and building two sets of RPMS that only differs in their dependencies is somewhat silly.

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !

Posted by [Alexey Eremenko](#) on Thu, 03 May 2007 11:57:16 GMT

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Despite the patch was cleanly applied, It still failed to compile through:

```
....
CC   kernel/bc/io_acct.o
CC   kernel/bc/io_prio.o
LD   kernel/bc/built-in.o
LD   kernel/cpt/built-in.o
CC [M] kernel/cpt/cpt_proc.o
CC [M] kernel/cpt/cpt_dump.o
kernel/cpt/cpt_dump.c: In function 'check_one_process':
kernel/cpt/cpt_dump.c:988: warning: implicit declaration of function 'check_utrace'
CC [M] kernel/cpt/cpt_obj.o
CC [M] kernel/cpt/cpt_context.o
CC [M] kernel/cpt/cpt_process.o
kernel/cpt/cpt_process.c: In function 'cpt_check_unsupported':
kernel/cpt/cpt_process.c:707: error: 'struct task_struct' has no member named
'tux_info'
make[2]: *** [kernel/cpt/cpt_process.o] Error 1
make[1]: *** [kernel/cpt] Error 2
make: *** [kernel] Error 2
```

You see? What can be done?

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !

Posted by [Alexey Eremenko](#) on Fri, 04 May 2007 18:03:04 GMT

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Plz help me resolving that issue !!!

Subject: Re: Cannot start OpenVZ on openSUSE ! plz HELPPP !

Posted by [seyko2](#) on Sat, 05 May 2007 19:01:53 GMT

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Why openSUSE is selected and not CentOS? In CentOS there is a good XEN available...

In any case try to use bugzilla first... http://bugzilla.openvz.org/show_bug.cgi?id=545

PS: I do not know a reason why this bug is not solved up to today
