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 avaible...
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