Subject: Kernel 2.6.20 with openvz-patch on Ubuntu Feisty Fawn (7.04)
Posted by Dieter Schicker on Wed, 23 May 2007 06:33:28 GMT
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Hi,

this is my first post to this list, so I want to say: Thanks to openvz
for this great piece of software!

I have a problem with compiling a kernel with the openvz-patch. Here are
the steps that I undertook:

1) Download Kernel 2.6.20 from kernel.org
2) Apply openvz patch with "patch -p0 < patch-ovz005.1-combined"
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5) make-kpkg clean
6) make-kpkg --append-to-version custom --initrd kernel_headers kernel_image

Here's the error message that I get when running step 6:

```
...
Root device is (3, 1)
Boot sector 512 bytes.
Setup is 7010 bytes.
System is 1693 kB
Kernel: arch/x86_64/boot/bzImage is ready  (#1)
make[1]: Leaving directory `/usr/src/linux-2.6.20'
/usr/bin/make  EXTRAVERSION=-ovz005custom  ARCH=x86_64 \
                    modules
make[1]: Entering directory `/usr/src/linux-2.6.20'
  CHK     include/linux/version.h
  CHK     include/linux/utsrelease.h
  CC [M]  arch/x86_64/kernel/../../i386/kernel/cpuid.o
  CC [M]  arch/x86_64/kernel/../../i386/kernel/microcode.o
arch/x86_64/kernel/../../i386/kernel/microcode.c: In function
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```

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make[2]: *** [kernel/cpt] Error 2
make[1]: *** [kernel] Error 2
make[1]: Leaving directory `/usr/src/linux-2.6.20'
make: *** [debian/stamp-build-kernel] Error 2
```

Does anybody have an idea what's wrong here?

Many thanks in advance and cheers
Dilino

Subject: Re: Kernel 2.6.20 with openvz-patch on Ubuntu Feisty Fawn (7.04)
Posted by Christian Kaiser2 on Wed, 23 May 2007 07:18:30 GMT
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  AS [M]  arch/x86_64/crypto/twofish-x86_64-asm.o
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Does anybody have an idea what's wrong here?

Kernel 2.6.20 is under development. So an error like this can happen. I'm not sure but I think that checkpointing is broken in 2.6.20 OVZ Kernels. So try 2.6.18 + OVZ Patches (that should be more stable) or remove checkpointing support in the 2.6.20 kernel configuration (OpenVZ menu, then checkpointing) and retry the compilation.

Mit freundlichen Grüßen / Best Regards
Christian Kaiser

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Open Systems Firmware Development
mail: ckaiser2@de.ibm.com

IBM Deutschland Entwicklung GmbH
Vorsitzender des Aufsichtsrats: Martin Jetter
Geschäftsführung: Herbert Kircher
Sitz der Gesellschaft: Böblingen
Registergericht: Amtsgericht Stuttgart, HRB 243294

Subject: Re: Kernel 2.6.20 with openvz-patch on Ubuntu Feisty Fawn (7.04)
Posted by dev on Wed, 23 May 2007 08:07:04 GMT
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Use this patch:
http://git.openvz.org/?p=linux-2.6.18-openvz;a=commitdiff;h=d19c1d4520b19bf61554bf4b9e6d2c5edd8fb8b2

Thanks,

Kirill

Dieter Schicker wrote:
> Hi,
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> 8.o
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Subject: Re: Kernel 2.6.20 with openvz-patch on Ubuntu Feisty Fawn (7.04)
Posted by Dieter Schicker on Wed, 23 May 2007 08:59:13 GMT
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Many thanks, folks! I will give that a try at night since I don't sit in
front of the particular machine right now.
Looking at the URL you sent, I suppose that you also propose to use the
2.6.18 kernel, right?

Thanks & Cheers
Dieter

Kirill Korotaev wrote:
> Use this patch:
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Subject: Re: Kernel 2.6.20 with openvz-patch on Ubuntu Feisty Fawn (7.04)

well, 2.6.18 is our current stable.
however, 2.6.20 should be quite good as well, though contanis more bugs
like this :/ sure, this patch will be added to 2.6.20 as well soon.

Thanks,
Kirill

Dieter Schicker wrote:
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