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Subject: Trouble compiling ovz028stab039.1-combined  
Posted by [ml-openvz-eyck](#) on Wed, 22 Aug 2007 17:06:03 GMT  
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Hello,  
I'm getting this:

```
....  
LD [M] lib/zlib_deflate/zlib_deflate.o  
Building modules, stage 2.  
MODPOST  
WARNING: drivers/acpi/processor.o - Section mismatch: reference to .init.data: from .text  
between 'acpi_processor_power_init' (at offset 0xfd8) and 'acpi_safe_halt'  
WARNING: drivers/atm/he.o - Section mismatch: reference to .init.text: from .text between  
'he_start' (at offset 0x1f1d) and 'he_service_tbrq'  
WARNING: "cfq_pool" [block/cfq-iosched.ko] undefined!  
WARNING: "ub0" [block/cfq-iosched.ko] undefined!  
make[2]: *** [__modpost] Error 1  
make[1]: *** [modules] Error 2  
make[1]: Leaving directory `/home/eyck/40f-ovz/work/openvz-test'  
make: *** [debian/stamp-build-kernel] Error 2
```

when I try to build openvz-enabled kernel. I'm using 2.6.18 /pristine/  
( it looks like ovz028stab039.1 already includes 2.6.18->2.6.18.8 patches,  
and one needs to dig out older 2.6.18 to make this patch apply).

is this normal?

--

Key fingerprint = 40D0 9FFB 9939 7320 8294 05E0 BCC7 02C4 75CC 50D9  
Total Existence Failure

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Subject: Re: Trouble compiling ovz028stab039.1-combined  
Posted by [dev](#) on Wed, 22 Aug 2007 19:15:25 GMT  
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ml-openvz-eyck@kuszelas.com wrote:

```
> Hello,  
> I'm getting this:  
> ....  
> LD [M] lib/zlib_deflate/zlib_deflate.o  
> Building modules, stage 2.  
> MODPOST  
> WARNING: drivers/acpi/processor.o - Section mismatch: reference to .init.data: from .text  
> between 'acpi_processor_power_init' (at offset 0xfd8) and 'acpi_safe_halt'  
> WARNING: drivers/atm/he.o - Section mismatch: reference to .init.text: from .text between  
> 'he_start' (at offset 0x1f1d) and 'he_service_tbrq'  
> WARNING: "cfq_pool" [block/cfq-iosched.ko] undefined!  
> WARNING: "ub0" [block/cfq-iosched.ko] undefined!
```

```
> make[2]: *** [__modpost] Error 1
> make[1]: *** [modules] Error 2
> make[1]: Leaving directory `/home/eyck/40f-ovz/work/opencvz-test'
> make: *** [debian/stamp-build-kernel] Error 2
```

make sure that you have the following options enabled in your .config file:

```
CONFIG_USER_RESOURCE=y
CONFIG_USER_RSS_ACCOUNTING=y
CONFIG_UBC_IO_ACCT=y
CONFIG_USER_SWAP_ACCOUNTING=y
CONFIG_USER_RESOURCE_PROC=y
```

```
> when I try to build opencvz-enabled kernel. I'm using 2.6.18 /pristine/
> ( it looks like ovz028stab039.1 already includes 2.6.18->2.6.18.8 patches,
> and one needs to dig out older 2.6.18 to make this patch apply).
>
> is this normal?
```

compilation fail - not normal, you can fill in the bug with .config file you used.  
OVZ patches includes not only 2.6.18.8 fixes, but many other mainstream fixes to  
make sure your whole system works stable.

Thanks,  
Kirill

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Subject: Re: Trouble compiling ovz028stab039.1-combined

Posted by [eyck](#) on Wed, 22 Aug 2007 19:57:18 GMT

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```
> > WARNING: drivers/acpi/processor.o - Section mismatch: reference to .init.data: from .text
between 'acpi_processor_power_init' (at offset 0xfd8) and 'acpi_safe_halt'
> > WARNING: drivers/atm/he.o - Section mismatch: reference to .init.text: from .text between
'he_start' (at offset 0x1f1d) and 'he_service_tbrq'
> > WARNING: "cfq_pool" [block/cfq-iosched.ko] undefined!
> > WARNING: "ub0" [block/cfq-iosched.ko] undefined!
> > make[2]: *** [__modpost] Error 1
```

> make sure that you have the following options enabled in your .config file:

```
> CONFIG_USER_RESOURCE=y
> CONFIG_USER_RSS_ACCOUNTING=y
> CONFIG_UBC_IO_ACCT=y
> CONFIG_USER_SWAP_ACCOUNTING=y
> CONFIG_USER_RESOURCE_PROC=y
all those are enabled
```

> compilation fail - not normal, you can fill in the bug with .config file you used.

OK, .config attached

--

Key fingerprint = 40D0 9FFB 9939 7320 8294 05E0 BCC7 02C4 75CC 50D9  
Total Existence Failure

## File Attachments

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1) [cfg-openvz.gz](#), downloaded 527 times

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Subject: Re: Trouble compiling ovz028stab039.1-combined

Posted by [dev](#) on Thu, 23 Aug 2007 07:57:49 GMT

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Eyck,

ouch, this is due to CONFIG\_IOSCHED\_CFQ=m  
usually all the schedulers are 'y'.  
plz set it temporarily to 'y' or use the patch attached. Created bug #669.

Thanks,  
Kirill

eyck wrote:

>>>WARNING: drivers/acpi/processor.o - Section mismatch: reference to .init.data: from .text  
between 'acpi\_processor\_power\_init' (at offset 0xfd8) and 'acpi\_safe\_halt'

>>>WARNING: drivers/atm/he.o - Section mismatch: reference to .init.text: from .text between  
'he\_start' (at offset 0x1f1d) and 'he\_service\_tbrq'

>>>WARNING: "cfq\_pool" [block/cfq-iosched.ko] undefined!

>>>WARNING: "ub0" [block/cfq-iosched.ko] undefined!

>>>make[2]: \*\*\* [\_\_modpost] Error 1

>

>

>>make sure that you have the following options enabled in your .config file:

>>CONFIG\_USER\_RESOURCE=y

>>CONFIG\_USER\_RSS\_ACCOUNTING=y

>>CONFIG\_UBC\_IO\_ACCT=y

>>CONFIG\_USER\_SWAP\_ACCOUNTING=y

>>CONFIG\_USER\_RESOURCE\_PROC=y

>

> all those are enabled

>

>

>>compilation fail - not normal, you can fill in the bug with .config file you used.

>

> OK, .config attached

>

```
--- ./block/elevator.c.ve6543 2007-08-10 17:40:04.000000000 +0400
+++ ./block/elevator.c 2007-08-23 11:53:57.000000000 +0400
@@ -40,6 +40,7 @@ static DEFINE_SPINLOCK(elv_list_lock);
static LIST_HEAD(elv_list);

kmem_cache_t *cfq_pool;
+EXPORT_SYMBOL_GPL(cfq_pool);

/*
 * Query io scheduler to see if the current process issuing bio may be
--- ./kernel/ub/beancounter.c.ve6543 2007-08-10 17:40:00.000000000 +0400
+++ ./kernel/ub/beancounter.c 2007-08-23 11:53:57.000000000 +0400
@@ -40,6 +40,7 @@
static kmem_cache_t *ub_cache;
static struct user_beancounter default_beancounter;
struct user_beancounter ub0;
+EXPORT_SYMBOL_GPL(ub0);

const char *ub_rnames[] = {
    "kmemsize", /* 0 */
```

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Subject: Re: Trouble compiling ovz028stab039.1-combined  
Posted by [ml-openvz-eyck](#) on Thu, 23 Aug 2007 08:05:17 GMT  
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On Wed, 22 Aug 2007, Kirill Korotaev wrote:

```
> > WARNING: "cfq_pool" [block/cfq-iosched.ko] undefined!
> > WARNING: "ub0" [block/cfq-iosched.ko] undefined!
```

> compilation fail - not normal, you can fill in the bug with .config file you used.  
It looks like your patches brake CFQ io scheduler, without it it compiles just fine.

I'm using CFQ on multiple servers and it usually shows better characteristics then adaptive/deadline, I could only get deadline to behave consistently nicer when I removed raid cards and tested on serial ata hardware, so it would be nice to have the option to use CFQ...

--

Key fingerprint = 40D0 9FFB 9939 7320 8294 05E0 BCC7 02C4 75CC 50D9  
Total Existance Failure

---

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Subject: Re: Trouble compiling ovz028stab039.1-combined  
Posted by [dev](#) on Thu, 23 Aug 2007 08:08:58 GMT

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ml-openvz-eyck@kuszelas.com wrote:

> On Wed, 22 Aug 2007, Kirill Korotaev wrote:

>

>>>WARNING: "cfq\_pool" [block/cfq-iosched.ko] undefined!

>>>WARNING: "ub0" [block/cfq-iosched.ko] undefined!

>

>

>>compilation fail - not normal, you can fill in the bug with .config file you used.

>

> It looks like your patches brake CFQ io scheduler, without it it compiles

> just fine.

yes, as I replied 5 mins ago it broke compilation of CFQ being a module.

> I'm using CFQ on multiple servers and it usually shows better characteristics

> then adaptive/deadline, I could only get deadline to behave consistently nicer when I

> removed raid cards and tested on serial ata hardware, so it would be nice to have

> the option to use CFQ...

Thanks,

Kirill

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