Subject: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by chris4321 on Wed, 06 Aug 2008 21:24:20 GMT
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I just tried to compile a vanilla 2.6.18 kernel patched with http://download.openvz.org/kernel/branches/rhel5-2.6.18/028stab057.2/patches/patch-92.1.1.el5.028stab057.2-combined.gz on a 64 bit CentOS-5 system. I enabled xen in the configuration, and when compiling, it dies with this error:

```
CC      fs/eventpoll.o
fs/eventpoll.c: In function ‘sys_epoll_create’:
fs/eventpoll.c:418: warning: ‘fd’ may be used uninitialized in this function
  CC      fs/compat.o
fs/compat.c: In function ‘sys32_quotactl’:
fs/compat.c:1568: error: storage size of ‘cdq’ isn’t known
fs/compat.c:1569: error: storage size of ‘cdq32’ isn’t known
fs/compat.c:1569: warning: unused variable ‘cdq32’
fs/compat.c:1568: warning: unused variable ‘cdq’
make[1]: *** [fs/compat.o] Error 1
make: *** [fs] Error 2
```

I've messed with some of the fs options trying to see if I could find one that caused the error, but haven't had much luck. Does anyone else have any ideas how to get around or fix this?

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Wed, 06 Aug 2008 21:37:02 GMT
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yes, we've already faced this issue, fix is in progress.

--
Konstantin

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Fri, 08 Aug 2008 22:44:04 GMT
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Hi Chris,

we've fixed the compilation and created a new development kernel with the fix.
Can you please check if it works or not? (sent via PM)

(if anybody else wants to test it - please, ask)

Thank you!

--
Konstantin

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by seanfulton on Sat, 09 Aug 2008 23:10:31 GMT
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I am running the 14 XEN kernel and would like to test the 57.2 XEN kernel if you have one has an RPM.

I don't see it in the download area.

sean

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Mon, 11 Aug 2008 07:34:38 GMT
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answered via PM

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by Valmont on Thu, 14 Aug 2008 14:08:39 GMT
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Please, send me also patch diff. I have the same issue.

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by chris4321 on Thu, 14 Aug 2008 14:16:48 GMT
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I tried it and it is working! Thanks a bunch for the fix.

Sorry I couldn't respond sooner, as I couldn't log into the site for a while. I eventually figured out that my privoxy proxy was being a bit too aggressive with filtering cookies. I'm not even sure how I logged in in the first place!

Thanks again for the fix Konstantin.

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Thu, 14 Aug 2008 15:14:41 GMT
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Great, Chris,

thank you for the notification!

--
Konstantin

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by Xandrian on Fri, 15 Aug 2008 05:09:21 GMT
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Hej,

I also need the patch. I've got the same problem on my machine...

Rgds, Tobi

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by Valmont on Mon, 18 Aug 2008 19:47:49 GMT
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Sorry for delay. Kernel has compiled successful with patches, but do not test it booting. I can check it later. Thx again.

Update: Booting and so on works ok too.

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2

Posted by Aldo on Mon, 15 Sep 2008 19:47:12 GMT
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Xandrian wrote on Fri, 15 August 2008 01:09Hej,

I also need the patch. I've got the same problem on my machine...

Rgds, Tobi
push

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by jwhitney on Thu, 23 Oct 2008 14:14:06 GMT
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Hi,

I could also use this patch. I couldn't find it on the download page. Can someone point me to the right location?

Thanks!

Subject: Re: Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Thu, 23 Oct 2008 15:09:58 GMT
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answered via PM.

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by alz3abi on Wed, 19 Nov 2008 20:09:45 GMT
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Hello every body ..

I need the same Patch As i have the same problem
asap

best regards,
Alzaabi

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Thu, 20 Nov 2008 06:58:45 GMT
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Hi,

2.6.18-028stab057.2 is not the latest OVZ kernel available at the moment:
http://download.openvz.org/kernel/branches/rhel5-2.6.18/028s tab059.3/

So, please, try it and report back if your problem is solved with the new kernel or not.

Thank you.

--
Konstantin

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by alz3abi on Thu, 20 Nov 2008 12:03:23 GMT
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finist wrote on Thu, 20 November 2008 01:58Hi,

2.6.18-028stab057.2 is not the latest OVZ kernel available at the moment:
http://download.openvz.org/kernel/branches/rhel5-2.6.18/028s tab059.3/

So, please, try it and report back if your problem is solved with the new kernel or not.

Thank you.

--
Konstantin

Thanks, but now I have a new error

drivers/built-in.o: In function `e1000_init_module':
e1000_main.c:(.init.text+0x6b14): undefined reference to `e1000e_driver_request'
make: *** [.tmp_vmlinux1] Error 1

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Thu, 20 Nov 2008 12:13:43 GMT
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This is already known issue:
http://bugzilla.openvz.org/show_bug.cgi?id=1055

Just select e1000e as well.

--
Konstantin

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by Xahil on Sat, 17 Jan 2009 20:28:23 GMT
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finist wrote on Thu, 20 November 2008 01:58Hi,

2.6.18-028stab057.2 is not the latest OVZ kernel available at the moment:
http://download.openvz.org/kernel/branches/rhel5-2.6.18/028s tab059.3/

So, please, try it and report back if your problem is solved with the new kernel or not.

I think i have the same problem but on kernel 2.6.18-028stab056.1 (not rhel, as i need it for debian).
It's latest stable, not rhel, kernel, so i think i need that patch.

Edit:
On openvz config, it compiles without error.

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by khorenko on Mon, 19 Jan 2009 10:57:35 GMT
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Here you are.

Please, note, these patches are for 2.6.18-028stab057.2 kernel!

diff-quota-compat-20080806
diff-xen-flush_tlb_page-2008080
diff-include-cacheflush-20080806

But AFAIK these patches are already in 2.6.18-028stab056.1 and thus you've faced another issue. Please, file a bug for your issue and attach your config file.

EDITED here: surely if those patches are not in 2.6.18-028stab057.2, they are also not included

into 2.6.18-028stab056.1, don't know why i decided that.

Thank you.

--
Konstantin

File Attachments
1) diff-quota-compat-20080806, downloaded 672 times
2) diff-xen-flush_tlb_page-20080806, downloaded 808 times
3) diff-include-cacheflush-20080806, downloaded 795 times

Subject: Re: [solved] Compile problem for xen enabled ovzkernel-2.6.18-92.1.1.el5.028stab057.2
Posted by Xahil on Mon, 19 Jan 2009 12:08:39 GMT
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Thx.

Those patches aren't applied to 2.6.18-028stab056.1
I applied diff-quota-compat-20080806 and kernel compiled with default config (from vanilla kernel)

I think that either this patch shoud be applied, either if some kernel options are requered, and compiling kernel without them don't make sense, it shoud check it's sanity before compilation.