
Subject: Error recompiling kernel FC4 patched win OVZ

Posted by [jbravo](#) on Mon, 29 May 2006 01:33:47 GMT

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Hi,

Im triting to recompile kernel-2.6.8 with OVZ patch.

Im getting this error when I do: make modules

```
make[3]: *** [drivers/scsi/qla2xxx/qla_gs.o] Error 1
```

```
make[2]: *** [drivers/scsi/qla2xxx] Error 2
```

```
make[1]: *** [drivers/scsi] Error 2
```

```
make: *** [drivers] Error 2
```

Thanks,

Subject: Re: Error recompiling kernel FC4 patched win OVZ

Posted by [Kirill Korotaev](#) on Mon, 29 May 2006 06:40:11 GMT

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Can you post error messages before make error?

I suppose this can be somwhow gcc version related.

Thanks,

Kirill

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Subject: Re: Error recompiling kernel FC4 patched win OVZ

Posted by [kir](#) on Tue, 30 May 2006 07:36:02 GMT

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I might be wrong but it looks like you need to update your gcc version.

Try this command (as root):

```
yum -y update gcc
```

Or report us your distribution (it is FC4, right?) and gcc version
(output of rpm -q gcc or gcc --version).

Regards,

Kir.

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Subject: Re: Error recompiling kernel FC4 patched win OVZ
Posted by [Kirill Korotaev](#) on Tue, 30 May 2006 08:27:07 GMT
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Looks like you have some poor gcc version, which has unimplemented feature (according to log). You can update your gcc with yum or try to apply the following patch attached.

Thanks,
Kirill

```

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>> I suppose this can be somehow gcc version related.
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>

>

--- ./drivers/scsi/qla2xxx/qla_gs.c.qla 2006-05-25 22:55:04.000000000 +0400

+++ ./drivers/scsi/qla2xxx/qla_gs.c 2006-05-30 11:34:08.000000000 +0400

@@ -23,7 +23,7 @@

static inline ms_iocb_entry_t *

qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

-static inline void *

+static void *

qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

static inline struct ct_sns_req *

@@ -92,7 +92,7 @@

*

* Returns a pointer to the @ha's ms_iocb.

*/

-static inline void *

+static void *

qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t rsp_size)

{

struct ct_entry_24xx *ct_pkt;

Subject: Re: Error recompiling kernel FC4 patched win OVZ

Posted by [jbravo](#) on Tue, 30 May 2006 16:14:13 GMT

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> I might be wrong but it looks like you need to update your gcc

> version. Try this command (as root):

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> Or report us your distribution (it is FC4, right?) and gcc version

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> Regards,

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>>
[root@genesis src]# yum -y update gcc
Setting up Update Process
Setting up repositories
updates-released      100% |=====| 951 B   00:00
extras                100% |=====| 1.1 kB   00:00
base                  100% |=====| 1.1 kB   00:00
Reading repository metadata in from local files
primary.xml.gz        100% |=====| 401 kB   00:00
updates-re: ##### 1123/1123
Added 2 new packages, deleted 0 old in 2.33 seconds
primary.xml.gz        100% |=====| 1.3 MB   00:08
extras : ##### 3925/3925
Added 18 new packages, deleted 10 old in 9.90 seconds
Could not find update match for gcc
No Packages marked for Update/Obsoletion
```

Subject: Re: Error recompiling kernel FC4 patched win OVZ
 Posted by [jbravo](#) on Tue, 30 May 2006 16:26:36 GMT
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> Kirill
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> -----
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> +++ ./drivers/scsi/qla2xxx/qla_gs.c 2006-05-30 11:34:08.000000000 +0400
> @@ -23,7 +23,7 @@
> static inline ms_iocb_entry_t *
> qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>
> -static inline void *
> +static void *
> qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>
> static inline struct ct_sns_req *
> @@ -92,7 +92,7 @@
> *
> * Returns a pointer to the @ha's ms_iocb.
> */
> -static inline void *
> +static void *
> qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t rsp_size)
> {
> struct ct_entry_24xx *ct_pkt;
>
[root@genesis linux-2.6.8]# patch -p1 < patch-qla
patching file drivers/scsi/qla2xxx/qla_gs.c
Hunk #1 FAILED at 23.
Hunk #2 FAILED at 92.
2 out of 2 hunks FAILED -- saving rejects to file
drivers/scsi/qla2xxx/qla_gs.c.rej
```

```
[root@genesis linux-2.6.8]# cat drivers/scsi/qla2xxx/qla_gs.c.rej
*****
*** 23,29 ***
static inline ms_iocb_entry_t *
qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

- static inline void *
qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

static inline struct ct_sns_req *
--- 23,29 ----
static inline ms_iocb_entry_t *
```

```

qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

+ static void *
qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

static inline struct ct_sns_req *
*****
*** 92,98 ****
*
* Returns a pointer to the @ha's ms_iocb.
*/
- static inline void *
qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t
rsp_size)
{
    struct ct_entry_24xx *ct_pkt;
--- 92,98 ----
*
* Returns a pointer to the @ha's ms_iocb.
*/
+ static void *
qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t
rsp_size)
{
    struct ct_entry_24xx *ct_pkt;

```

Subject: Re: Error recompiling kernel FC4 patched win OVZ

Posted by [jbravo](#) on Tue, 30 May 2006 16:29:05 GMT

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```

> I might be wrong but it looks like you need to update your gcc
> version. Try this command (as root):
> yum -y update gcc
>
> Or report us your distribution (it is FC4, right?) and gcc version
> (output of rpm -q gcc or gcc --version).
>
> Regards,
> Kir.
>
>
>>
>>> Can you post error messages before make error?
>>> I suppose this can be somehow gcc version related.

```

```

>>>
>>> Thanks,
>>> Kirill
>>>
>>>
>>>> Hi,
>>>>
>>>> Im triting to recompile kernel-2.6.8 with OVZ patch.
>>>>
>>>> Im getting this error when I do: make modules
>>>>
>>>> make[3]: *** [drivers/scsi/qla2xxx/qla_gs.o] Error 1
>>>> make[2]: *** [drivers/scsi/qla2xxx] Error 2
>>>> make[1]: *** [drivers/scsi] Error 2
>>>> make: *** [drivers] Error 2
>>>>
>>>>
>>>> Thanks,
>>>>

>> make[1]: `arch/i386/kernel/asm-offsets.s' is up to date.
>> CC [M] drivers/scsi/qla2xxx/qla_gs.o

>> drivers/scsi/qla2xxx/qla_gs.c:97: sorry, unimplemented: inlining

>> inlining
>> drivers/scsi/qla2xxx/qla_gs.c:61: sorry, unimplemented: called from here

>> drivers/scsi/qla2xxx/qla_gs.c:684: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:684: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:686: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:688: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:689: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:689: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:691: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:692: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:695: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:1325: warning: pointer targets in

```

>> drivers/scsi/qla2xxx/qla_gs.c:1326: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1338: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1339: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1350: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1350: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1351: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1363: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1364: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1375: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1375: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1376: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1387: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1388: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1403: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1405: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1416: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1417: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1429: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1430: warning: pointer targets in

>> drivers/scsi/qla2xxx/qla_gs.c:1636: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1637: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1648: warning: pointer targets in
>> drivers/scsi/qla2xxx/qla_gs.c:1649: warning: pointer targets in

```
>> make[3]: *** [drivers/scsi/qla2xxx/qla_gs.o] Error 1
>> make[2]: *** [drivers/scsi/qla2xxx] Error 2
>> make[1]: *** [drivers/scsi] Error 2
>> make: *** [drivers] Error 2
>>
Yes FC4
```

```
[root@genesis linux-2.6.8]# gcc --version
gcc (GCC) 4.0.2 20051125 (Red Hat 4.0.2-8)
Copyright (C) 2005 Free Software Foundation, Inc.
This is free software; see the source for copying conditions. There is NO
warranty; not even for MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.
```

```
[root@genesis linux-2.6.8]# rpm -q gcc
gcc-4.0.2-8.fc4
```

Subject: Re: Error recompiling kernel FC4 patched win OVZ
Posted by [dev](#) on Tue, 30 May 2006 16:37:14 GMT
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Jose,

ok, can you point to the sources you took and what you do step by step,
since the patch I sent to you, should apply to the latest OVZ 2.6.8
kernel fine.

Thanks,
Kirill
P.S. Kir is on IRC :)

>
>> Looks like you have some poor gcc version, which has unimplemented
>> feature (according to log). You can update your gcc with yum or try to
>> apply the following patch attached.

>>
>> Thanks,
>> Kirill
>>

>>>
>>>> Can you post error messages before make error?
>>>> I suppose this can be somehow gcc version related.
>>>>
>>>> Thanks,
>>>> Kirill

```

>>>>
>>>>
>>>>> Hi,
>>>>>
>>>>> Im triting to recompile kernel-2.6.8 with OVZ patch.
>>>>>
>>>>> Im getting this error when I do: make modules
>>>>>
>>>>> make[3]: *** [drivers/scsi/qla2xxx/qla_gs.o] Error 1
>>>>> make[2]: *** [drivers/scsi/qla2xxx] Error 2
>>>>> make[1]: *** [drivers/scsi] Error 2
>>>>> make: *** [drivers] Error 2
>>>>>
>>>>>
>>>>> Thanks,
>>>>>

>>> make[1]: `arch/i386/kernel/asm-offsets.s' is up to date.
>>> CC [M] drivers/scsi/qla2xxx/qla_gs.o

>>> drivers/scsi/qla2xxx/qla_gs.c:97: sorry, unimplemented: inlining

>>> inlining
>>> drivers/scsi/qla2xxx/qla_gs.c:61: sorry, unimplemented: called from here

>>> drivers/scsi/qla2xxx/qla_gs.c:684: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:684: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:686: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:688: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:689: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:689: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:691: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:692: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:695: warning: pointer targets in

>>> drivers/scsi/qla2xxx/qla_gs.c:1325: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1326: warning: pointer targets in

```

```
>>> drivers/scsi/qla2xxx/qla_gs.c:1338: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1339: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1350: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1350: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1351: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1363: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1364: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1375: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1375: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1376: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1387: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1388: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1403: warning: pointer targets in
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>>> drivers/scsi/qla2xxx/qla_gs.c:1416: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1417: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1429: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1430: warning: pointer targets in

>>> drivers/scsi/qla2xxx/qla_gs.c:1636: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1637: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1648: warning: pointer targets in
>>> drivers/scsi/qla2xxx/qla_gs.c:1649: warning: pointer targets in

>>> make[3]: *** [drivers/scsi/qla2xxx/qla_gs.o] Error 1
>>> make[2]: *** [drivers/scsi/qla2xxx] Error 2
>>> make[1]: *** [drivers/scsi] Error 2
```

```

>>> make: *** [drivers] Error 2
>>>
>>>
>>
>> -----
>>
>> --- ./drivers/scsi/qla2xxx/qla_gs.c.qla 2006-05-25
>> 22:55:04.000000000 +0400
>> +++ ./drivers/scsi/qla2xxx/qla_gs.c 2006-05-30 11:34:08.000000000
>> +0400
>> @@ -23,7 +23,7 @@
>> static inline ms_iocb_entry_t *
>> qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>>
>> -static inline void *
>> +static void *
>> qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>>
>> static inline struct ct_sns_req *
>> @@ -92,7 +92,7 @@
>> *
>> * Returns a pointer to the @ha's ms_iocb.
>> */
>> -static inline void *
>> +static void *
>> qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t
>> rsp_size)
>> {
>>     struct ct_entry_24xx *ct_pkt;
>>
>
> [root@genesis linux-2.6.8]# patch -p1 < patch-qla
> patching file drivers/scsi/qla2xxx/qla_gs.c
> Hunk #1 FAILED at 23.
> Hunk #2 FAILED at 92.
> 2 out of 2 hunks FAILED -- saving rejects to file
> drivers/scsi/qla2xxx/qla_gs.c.rej
>
>
>
> [root@genesis linux-2.6.8]# cat drivers/scsi/qla2xxx/qla_gs.c.rej
> *****
> *** 23,29 ***
> static inline ms_iocb_entry_t *
> qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>
> - static inline void *
> qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);

```

```

>
> static inline struct ct_sns_req *
> --- 23,29 ----
> static inline ms_iocb_entry_t *
> qla2x00_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>
> + static void *
> qla24xx_prep_ms_iocb(scsi_qla_host_t *, uint32_t, uint32_t);
>
> static inline struct ct_sns_req *
> *****
> *** 92,98 ****
> *
> * Returns a pointer to the @ha's ms_iocb.
> */
> - static inline void *
> qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t
> rsp_size)
> {
>     struct ct_entry_24xx *ct_pkt;
> --- 92,98 ----
> *
> * Returns a pointer to the @ha's ms_iocb.
> */
> + static void *
> qla24xx_prep_ms_iocb(scsi_qla_host_t *ha, uint32_t req_size, uint32_t
> rsp_size)
> {
>     struct ct_entry_24xx *ct_pkt;
>
>
>

```
