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Subject: Re: ok

Posted by [dev](#) on Thu, 19 Oct 2006 11:14:28 GMT

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RHEL4 kernel is not compilable by your gcc 4.x  
use gcc3.4 which is used in RHEL/CentOS4.  
Or fix line 58 and 205 in i2c.h where compiler reported problem,s.

I guess [] should replaced with \*.

Kirill

```
> but i need to have a quick solution. if i'd have more time - i would bay
> a support, but i have not time at all now.
> i'm sorry for flooding. may be i'm wrong... sorry.
> let's see what i'm doing...
> root@hosting stab2]# ls -l
> kernel-2.6.9-023stab030-i686.config.ovz
> kernel-2.6.9-023stab030-i686-enterprise.config.ovz
> kernel-2.6.9-023stab030-i686-entnosplit.config.ovz
> kernel-2.6.9-023stab030-i686-smp.config.ovz
> kernel-2.6.9-023stab030-ia64.config.ovz
> kernel-2.6.9-023stab030-x86_64.config.ovz
> kernel-2.6.9-023stab030-x86_64-smp.config.ovz
> kernel-ovz.spec
> ovzkernel-2.6.9-023stab030.1.i686.rpm
> ovzkernel-2.6.9-023stab030.1.src.rpm
> ovzkernel-2.6.9-023stab030.1.x86_64.rpm
> ovzkernel-enterprise-2.6.9-023stab030.1.i686.rpm
> ovzkernel-smp-2.6.9-023stab030.1.i686.rpm
> ovzkernel-smp-2.6.9-023stab030.1.x86_64.rpm
> patch-023stab030-combined.gz
>
> [root@hosting stab2]# /usr/share/mc/extfs/rpm run
> /root/work/OpenVZ/kernel/stab2/ovzkernel-2.6.9-023stab030.1.src.rpm INSTALL
> Installing
> "" '/root/work/OpenVZ/kernel/stab2/ovzkernel-2.6.9-023stab030.1.src.rpm' ""
> 1:ovzkernel      #####
> [100%]
>
> cd to /usr/src/RPM/SPECS, then
> [root@hosting SPECS]# rpmbuild -ba ./kernel-ovz.spec
> (...a lot of messages about patching, making...)
> + echo BUILDING A KERNEL FOR x86_64...
> BUILDING A KERNEL FOR x86_64...
> + make -s mrproper
> + cp configs/kernel-2.6.9-023stab030-x86_64.config.ovz .config
```

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> ...
> + make ARCH=x86_64 -s nonint_oldconfig
> + make ARCH=x86_64 -s nonint_oldconfig
> + make -s include/linux/version.h
> CHK include/linux/version.h
> UPD include/linux/version.h
> + make ARCH=x86_64 -s -j4 bzImage
> CHK include/linux/version.h
> SYMLINK include/asm -> include/asm-x86_64
> SPLIT include/linux/autoconf.h -> include/config/*
> CHK include/asm-x86_64/offset.h
> UPD include/asm-x86_64/offset.h
> arch/x86_64/kernel/process.c:57: warning: conflicting types for built-in
> function 'execve'
> In file included from include/linux/security.h:34,
> from init/main.c:36:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> In file included from include/linux/unistd.h:9,
> from init/main.c:45:
> include/asm/unistd.h: At top level:
> include/asm/unistd.h:766: warning: conflicting types for built-in
> function 'execve'
> init/main.c: In function 'maxcpus':
> init/main.c:163: warning: pointer targets in passing argument 2 of
> 'get_option' differ in signedness
> CHK include/linux/compile.h
> UPD include/linux/compile.h
> In file included from include/linux/security.h:34,
> from init/do_mounts.c:8:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> arch/x86_64/kernel/signal.c: In function 'sys_rt_sigreturn':
> arch/x86_64/kernel/signal.c:174: warning: pointer targets in passing
> argument 3 of 'restore_sigcontext' differ in signedness
> In file included from include/linux/if_ether.h:107,
> from include/linux/netdevice.h:29,
> from include/net/sock.h:48,
> from arch/x86_64/ia32/sys_ia32.c:73:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> init/do_mounts_rd.c: In function 'identify_ramdisk_image':
> init/do_mounts_rd.c:73: warning: pointer targets in passing argument 2
> of 'sys_read' differ in signedness
> init/do_mounts_rd.c:108: warning: pointer targets in passing argument 2

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> of 'sys_read' differ in signedness
> init/do_mounts_rd.c: In function 'fill_inbuf':
> init/do_mounts_rd.c:351: warning: pointer targets in passing argument 2
> of 'sys_read' differ in signedness
> init/do_mounts_rd.c: In function 'flush_window':
> init/do_mounts_rd.c:372: warning: pointer targets in passing argument 2
> of 'sys_write' differ in signedness
> In file included from include/linux/unistd.h:9,
>     from init/do_mounts_initrd.c:2:
> include/asm/unistd.h:766: warning: conflicting types for built-in
> function 'execve'
> arch/x86_64/kernel/traps.c: In function 'printk_address':
> arch/x86_64/kernel/traps.c:107: warning: 'return' with a value, in
> function returning void
> In file included from include/linux/if_ether.h:107,
>     from include/linux/netdevice.h:29,
>     from include/linux/if_bridge.h:105,
>     from fs/compat_ioctl.c:24,
>     from arch/x86_64/ia32/ia32_ioctl.c:14:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> In file included from fs/compat_ioctl.c:71,
>     from arch/x86_64/ia32/ia32_ioctl.c:14:
> include/linux/i2c.h: At top level:
> include/linux/i2c.h:58: error: array type has incomplete element type
> include/linux/i2c.h:205: error: array type has incomplete element type
> In file included from include/linux/security.h:34,
>     from arch/x86_64/kernel/ptrace.c:18:
> include/linux/skbuff.h: In function 'skb_add_data':
> include/linux/skbuff.h:1023: warning: pointer targets in passing
> argument 2 of 'csum_partial_copy_from_user' differ in signedness
> make[1]: *** [arch/x86_64/ia32/ia32_ioctl.o] Error 1
> make: *** [arch/x86_64/ia32] Error 2
> make: *** Waiting for unfinished jobs....
>
> [root@hosting SPECS]# gcc --version
> gcc (GCC) 4.0.1 (4.0.1-5mdk for Mandriva Linux release 2006.0)
>
> is is Mandriva PowerPack 2006
>
>
> Dmitry Mishin wrote:
>
>
>>>ovzkernel-023stab030.1-smp.img is better - it trying to start, but can't
>>>find my AIC9410 (RadHat adp94xx driver).
>>>i'm trying to rebuild it (from src.rpm) with my own driver, but there

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>>>too many warnings and error in compilation, that i can't fix by  
>>>myself... :( did you checked it before uploading to openvz.org?  
>>>  
>>>  
>>  
>>As you can see, we also provide .x86\_64 rpms. So, somehow we've built them.  
>>If you couldn't do something, this is not a reason to think, that nobody  
>>could. If you think, that there is something really wrong, please, fill the  
>>bug at bugzilla.openvz.org with all necessary info how to reproduce it.  
>>And, please, stop flooding with small and senseless letters.  
>>  
>>  
>>  
>>  
>>>my arch is x86\_64, i have SMP with dual-core Xeons  
>>>  
>>>Soldatov Dmitry wrote:  
>>>  
>>>  
>>>  
>>>>adp94xx included in latest development version is not working. i have  
>>>>AIC9410 SAS/SATA working (with my own changes) in my own build of the  
>>>>Mandriva 2.6.16 kernel, but fEdora's patch for adp94xx can't find my  
>>>>root filesystem and mount any devices.  
>>>>  
>>>>Thorsten Schifferdecker wrote:  
>>>>  
>>>>  
>>>>  
>>>>>Hi,  
>>>>>  
>>>>>Soldatov Dmitry schrieb:  
>>>>>  
>>>>>  
>>>>>  
>>>>>>i'm trying to use ovzkernel-2.6.8-022stab078.21.src.rpm and  
>>>>>>ovzkernel-smp-2.6.8-022stab078.21.x86\_64.rpm, but they going to some  
>>>>>>Frame Buffer video mode and simply reboots just after the GRUB  
>>>>>>invocation... I tried to invoke with "vga=ask", but it don't helps.  
>>>>>>all Mandriva & Redora works good.  
>>>>>>can anybody say, what's going on?  
>>>>>>  
>>>>>>sorry for my english  
>>>>>>  
>>>>>>  
>>>>>>  
>>>>>>The ovz-kernel haven't enabled the Framebuffer DEVICE in their  
>>>>>>kernel-config ...

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>>>>
>>>>>Show Framebuffer (CONFIG_FB) in the kernel-config of Mandriva and
>>>>>Fedora :
>>>>>
>>>>># grep CONFIG_FB <kernel_config_of_mandriva_or_fedora>
>>>>>
>>>>>and enable it , like "make menuconfig" , in your ovzkernel-config and
>>>>>reBuild your kernel!
>>>>>
>>>>>Regards,
>>>>>Thorsten
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