Subject: Fail to compile 2.6.18-028stab049.1 on amd64 machine
Posted by draga on Tue, 20 Nov 2007 15:43:12 GMT
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Here's what gets out from a make-kpkg (on debian):

```
  LD      init/built-in.o
  LD      .tmp_vmlinux1
arch/x86_64/kernel/built-in.o: In function `alloc_ldt':
/tmp/linux-2.6.18/arch/x86_64/kernel/ldt.c:50: undefined reference to `ub_kmalloc'
mm/built-in.o: In function `out_of_memory':
/tmp/linux-2.6.18/mm/oom_kill.c:353: undefined reference to `show_slab_info'
fs/built-in.o: In function `alloc_fdset':
/tmp/linux-2.6.18/fs/file.c:219: undefined reference to `ub_kmalloc'
fs/built-in.o: In function `alloc_fd_array':
/tmp/linux-2.6.18/fs/file.c:50: undefined reference to `ub_kmalloc'
kernel/built-in.o: In function `ub_dentry_walk_node':
/tmp/linux-2.6.18/kernel/ub/ub_dcache.c:446: undefined reference to `kmem_cache_free_block'
/tmp/linux-2.6.18/kernel/ub/ub_dcache.c:451: undefined reference to `kmem_cache_free_block'
net/built-in.o: In function `scm_fp_dup':
/tmp/linux-2.6.18/net/core/scm.c:281: undefined reference to `ub_kmalloc'
net/built-in.o: In function `scm_fp_copy':
/tmp/linux-2.6.18/net/core/scm.c:75: undefined reference to `ub_kmalloc'
net/built-in.o: In function `alloc_netdev':
/tmp/linux-2.6.18/net/core/dev.c:3407: undefined reference to `ub_kzalloc'
drivers/built-in.o: In function `alloc_tty_struct':
/tmp/linux-2.6.18/drivers/char/tty_io.c:196: undefined reference to `ub_kmalloc'
drivers/built-in.o: In function `init_dev':
/tmp/linux-2.6.18/drivers/char/tty_io.c:1971: undefined reference to `ub_kmalloc'
/tmp/linux-2.6.18/drivers/char/tty_io.c:1979: undefined reference to `ub_kmalloc'
/tmp/linux-2.6.18/drivers/char/tty_io.c:2005: undefined reference to `ub_kmalloc'
/tmp/linux-2.6.18/drivers/char/tty_io.c:2013: undefined reference to `ub_kmalloc'
drivers/built-in.o: In function `sysrq_handle_showmem':
/tmp/linux-2.6.18/drivers/char/sysrq.c:202: undefined reference to `show_slab_info'
ipc/built-in.o: In function `ipc_rcu_alloc':
/tmp/linux-2.6.18/ipc/util.c:517: undefined reference to `ub_kmalloc'
ipc/built-in.o: In function `ipc_alloc':
/tmp/linux-2.6.18/ipc/util.c:427: undefined reference to `ub_kmalloc'
ipc/built-in.o: In function `sysv_msg_load':
/tmp/linux-2.6.18/ipc/msgutil.c:44: undefined reference to `ub_kmalloc'
/tmp/linux-2.6.18/ipc/msgutil.c:64: undefined reference to `ub_kmalloc'
ipc/built-in.o: In function `get_undo_list':
/tmp/linux-2.6.18/ipc/sem.c:1014: undefined reference to `ub_kmalloc'
ipc/built-in.o:/tmp/linux-2.6.18/ipc/sem.c:1141: more undefined references to `ub_kmalloc' follow
make[1]: *** [.tmp_vmlinux1] Error 1
make[1]: Leaving directory `/tmp/linux-2.6.18'
make: *** [debian/stamp-build-kernel] Error 2
```

Any idea? Thank you!

Subject: Re: Fail to compile 2.6.18-028stab049.1 on amd64 machine
Posted by maratrus on Wed, 21 Nov 2007 13:16:32 GMT
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Hi,

1. Can you please thoroughly describe how you get your source? (step by step).
2. Have you change it manually or applied any external patch?

Thank You!

Subject: Re: Fail to compile 2.6.18-028stab049.1 on amd64 machine
Posted by draga on Wed, 21 Nov 2007 21:10:11 GMT
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Sure.
1. I get the source downloading the 2.6.18 tarball from the main kernel site. Then I download the ovz patch (as I've always done and as it works on the x86 arch) and apply it. It applies without any problem. Then I get the old 2.6.18 .config file, I type a "make oldconfig" and put some missing variables (like the grsecurity support).
After this I just give a "make-kpkg --initrd kernel-image kernel-headers" and, after some compiling, it stops with that error.
Performing a normale "make" gives the same result.
No other patches have been applied.

Thank you!

Subject: Re: Fail to compile 2.6.18-028stab049.1 on amd64 machine
Posted by curx on Thu, 22 Nov 2007 11:57:02 GMT
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Hi,

can you please post your kernel-config,
or use a OpenVZ kernel-config (-> http://download.openvz.org/kernel/branches/2.6.18/stable/configs/) and edit it.