Subject: Unable to build OpenVZ kernel/2.6.20
Posted by atlantis on Mon, 09 Apr 2007 23:26:30 GMT
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After patching my vanilla 2.6.20 kernel, im unable to compile it:

```
root@Spirit ~/linux-2.6.20 # make
  CHK     include/linux/version.h
  CHK     include/linux/utsrelease.h
  HOSTCC  scripts/basic/fixdep
  HOSTCC  scripts/basic/docproc
  CC      arch/x86_64/kernel/asm-offsets.s
  GEN     include/asm-x86_64/asm-offsets.h
  CC      scripts/mod/empty.o
  HOSTCC  scripts/mod/mk_elfconfig
  MKELF   scripts/mod/elfconfig.h
  HOSTCC  scripts/mod/file2alias.o
  HOSTCC  scripts/mod/modpost.o
  HOSTCC  scripts/mod/sumversion.o
  HOSTLD  scripts/mod/modpost
  HOSTCC  scripts/kallsyms
  HOSTCC  scripts/conmakehash
  HOSTCC  scripts/bin2c
  CC      init/main.o
In file included from include/bc/beancounter.h:120,
                 from include/bc/net.h:20,
                 from include/linux/skbuff.h:335,
                 from include/linux/netlink.h:138,
                 from include/linux/genetlink.h:4,
                 from include/net/genetlink.h:4,
                 from include/linux/taskstats_kern.h:12,
                 from init/main.c:43:
include/bc/io_prio.h: In function 'bc_findcreate_cfq_bc':
include/bc/io_prio.h:55: error: dereferencing pointer to incomplete type
include/bc/io_prio.h: In function 'bc_schedule_active':
include/bc/io_prio.h:61: error: dereferencing pointer to incomplete type
include/bc/io_prio.h:61: error: dereferencing pointer to incomplete type
include/bc/io_prio.h: In function '__find_cfq_bc':
include/bc/io_prio.h:72: error: dereferencing pointer to incomplete type
make[1]: *** [init/main.o] Error 1
make: *** [init] Error 2
root@Spirit ~/linux-2.6.20 #
```

The unpatched kernel compiles fine.
System is Lunar Linux 1.6.2 (64bit on an Opteron), gcc -v:

```
Using built-in specs.
Target: x86_64-pc-linux-gnu
Configured with: ../configure --host=x86_64-pc-linux-gnu --enable-languages=c++ --prefix=/usr
--infodir=/usr/share/info --mandir=/usr/share/man --enable-__cxa_atexit --enable-threads
```

--disable-nls --enable-target-optspace --with-gnu-ld --with-system-zlib --enable-shared --disable-multilib
Thread model: posix
gcc version 4.1.2

Tryed both, 2.6.20 and 2.6.20.6.
Used patch-ovz002.1-combined.
Any hints?
