
Subject: *SOLVED* latest patch fails on kernel 2.6.16
Posted by [chubby](#) on Tue, 06 Jun 2006 14:02:21 GMT
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Hi,

tried to compile the latest patch (patch-026test012-combined) on a kernel 2.6.16 on Debian sarge.
Patching goes ok but the build produces errors:

The errors seem to come from the scheduling.

At first i tried to allow fair scheduling & VCPU scheduler support

[*] Fair CPU scheduler (EXPERIMENTAL)

 [*] VCPU scheduler support

This error occurred

```
CC      kernel/fairsched.o
kernel/fairsched.c: In function `fairsched_do_dump':
kernel/fairsched.c:886: error: `PAGE_KERNEL' undeclared (first use in this function)
kernel/fairsched.c:886: error: (Each undeclared identifier is reported only once
kernel/fairsched.c:886: error: for each function it appears in.)
make[2]: *** [kernel/fairsched.o] Fout 1
make[1]: *** [kernel] Fout 2
make[1]: Leaving directory `/usr/src/linux-2.6.16'
make: *** [stamp-build] Fout 2
```

Next i tried to disable the fair scheduling:

[] Fair CPU scheduler (EXPERIMENTAL)

 [] VCPU scheduler support

...

```
kernel/sched.c:3955: error: structure has no member named `start_time'
kernel/sched.c:3955: error: `vcpu_timeslice' undeclared (first use in this function)
kernel/sched.c: In function `init_boot_vcpus':
kernel/sched.c:5366: let op: implicit declaration of function `__add_vcpu'
kernel/sched.c:5366: error: `idle_vsched' undeclared (first use in this function)
kernel/sched.c:5370: error: `default_vsched' undeclared (first use in this function)
kernel/sched.c: In function `init_idle':
kernel/sched.c:5394: error: `idle_vsched' undeclared (first use in this function)
kernel/sched.c: In function `__migrate_task':
kernel/sched.c:5531: let op: implicit declaration of function `double_rq_lock'
kernel/sched.c:5558: let op: implicit declaration of function `double_rq_unlock'
kernel/sched.c: In function `migration_thread':
kernel/sched.c:5577: error: `migration_req_t' undeclared (first use in this function)
kernel/sched.c:5577: error: `req' undeclared (first use in this function)
kernel/sched.c:5603: error: syntax error before ')' token
kernel/sched.c:5603: let op: type defaults to `int' in declaration of `__mptr'
kernel/sched.c:5603: let op: initialisatie van incompatibel pointertype
kernel/sched.c:5603: error: syntax error before ')' token
```

```
kernel/sched.c:5603: error: syntax error before ')' token
kernel/sched.c: In function `move_task_off_dead_cpu':
kernel/sched.c:5630: let op: unused variable `vsched'
kernel/sched.c:5631: let op: unused variable `mask'
kernel/sched.c: In function `vmigration_call':
kernel/sched.c:5895: error: `migration_req_t' undeclared (first use in this function)
kernel/sched.c:5895: error: `req' undeclared (first use in this function)
kernel/sched.c:5896: error: syntax error before ')' token
kernel/sched.c:5896: let op: type defaults to `int' in declaration of `__mptr'
kernel/sched.c:5896: let op: initialisatie van incompatibel pointertype
kernel/sched.c:5896: error: syntax error before ')' token
kernel/sched.c:5896: error: syntax error before ')' token
kernel/sched.c: In function `init_boot_vcpu':
kernel/sched.c:7512: let op: implicit declaration of function `init_vcpu'
kernel/sched.c:7512: error: `boot_idle_vcpu' undeclared (first use in this function)
kernel/sched.c:7514: let op: implicit declaration of function `install_vcpu'
kernel/sched.c:7514: error: `idle_vsched' undeclared (first use in this function)
kernel/sched.c:7518: error: `boot_vcpu' undeclared (first use in this function)
kernel/sched.c:7520: error: `default_vsched' undeclared (first use in this function)
kernel/sched.c: At top level:
kernel/sched.c:7176: let op: `init_rq' defined but not used
kernel/sched.c:7504: let op: `init_boot_vcpu' defined but not used
make[2]: *** [kernel/sched.o] Fout 1
make[1]: *** [kernel] Fout 2
make[1]: Leaving directory `/usr/src/linux-2.6.16'
make: *** [stamp-build] Fout 2
...
```

Any ideas?

Subject: Re: latest patch fails on kernel 2.6.16
Posted by [Vasily Tarasov](#) on Tue, 06 Jun 2006 14:30:37 GMT
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<http://forum.openvz.org/index.php?t=tree&th=593&mid=3214&&rev=&reveal=>

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Subject: Re: latest patch fails on kernel 2.6.16
Posted by [chubby](#) on Tue, 06 Jun 2006 15:18:28 GMT
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right, i'll try that, thanks

Subject: Re: latest patch fails on kernel 2.6.16
Posted by [chubby](#) on Wed, 07 Jun 2006 11:58:00 GMT
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It compiled without problems. Thanks.

Now i'll look into converting my existing UML servers into OpenVZ to test it out.
