Subject: compiling kernel without module support
Posted by globi on Tue, 23 Jan 2007 06:35:55 GMT
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I have the habit to compile my Linux kernels without module support for security reasons.

As far as I could try, it is not possible to compile a linux kernel for openvz unless some of openvz's features are built into the kernel as a module.

I've been doing a try and catch all day, and these seem to be the modules that I cannot convert into static built-ins:

```
  INSTALL drivers/net/tulip/tulip.ko
  INSTALL drivers/net/vzethdev.ko
  INSTALL drivers/net/vznetdev.ko
  INSTALL fs/simfs.ko
  INSTALL fs/vzdquota.ko
  INSTALL kernel/cpt/vzcpt.ko
  INSTALL kernel/cpt/vzrst.ko
  INSTALL kernel/ve/vzdev.ko
  INSTALL kernel/ve/vzmon.ko
  INSTALL kernel/ve/vzwdog.ko
```

I may add that the compiling _does_ work when I do everything without modules, but vzctl won't work after rebooting:

```
vzctl start 10
Starting VE ...
VE is mounted
Adding IP address(es): 10.0.0.11
RTNETLINK answers: No such device
vps-net_add ERROR: Unable to add route /sbin/ip route add 10.0.0.11 dev venet0
VE start failed
Stopping VE ...
VE was stopped
VE is unmounted
```

Any clues on this?

OS: Debian 3.1
Kernel: 2.6.18

Thanks,

Andy