
Subject: *SOLVED* Missing Module vzdev, though selected in kernel config
Posted by [vipz](#) on Sun, 27 May 2007 11:05:54 GMT

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I'm new to openVZ and I'm trying it out following the howto's on:
http://wiki.openvz.org/Installation_on_Debian and http://wiki.openvz.org/Debian_template_creation

First time I started the VE, I get:

```
~ # vzctl start 777
Starting VPS ...
VPS is mounted
Adding IP address(es): 192.168.1.28
Unable to add IP 192.168.1.28: Inappropriate ioctl for device
Unable to del IP 192.168.1.28: Inappropriate ioctl for device
VPS start failed
Stopping VPS ...
VPS was stopped
VPS is unmounted
```

Ok, got that fixed, some module was missing:

```
~ # lsmod|grep vz
vzethdev          10152  0
vzmon             40328  1 vzethdev
ipv6              235456  15 vzmon
```

```
~ # modprobe vznetdev
```

```
~ # lsmod|grep vz
vznetdev          16384  0
vzethdev          10152  0
vzmon             40328  2 vznetdev,vzethdev
ipv6              235456  15 vzmon
```

Second try:

```
~ # vzctl start 777
Starting VPS ...
VPS is mounted
Adding IP address(es): 192.168.1.28
RTNETLINK answers: No such device
vps-net_add ERROR: Unable to add route /sbin/ip route add 192.168.1.28 dev venet0 src
192.168.1.27
VPS start failed
Stopping VPS ...
VPS was stopped
VPS is unmounted
```

Ok, another module is still missing, but I can't load it:

```
~ # modprobe vzdev  
FATAL: Module vzdev not found.
```

The module simply isn't there:

```
~ # ls -la /lib/modules/2.6.18-2-openvz/kernel/kernel/ve/  
total 68  
drwxr-xr-x 2 root root 4096 2007-05-27 14:19 .  
drwxr-xr-x 4 root root 4096 2007-05-27 14:19 ..  
-rw-r--r-- 1 root root 48783 2007-05-27 14:16 vzmon.ko  
-rw-r--r-- 1 root root 10133 2007-05-27 14:16 vzwdog.ko
```

Weird enough, I cannot select "CONFIG_VZ_DEV" via 'make menuconfig'. I adjusted it to "m" in the .config file, but this was ignored:

```
~ # grep -i vz /boot/config-2.6.18-2-openvz  
# Linux kernel version: 2.6.18-2-openvz  
CONFIG_VZ_QUOTA=y  
CONFIG_VZ_QUOTA_UGID=y  
# OpenVZ  
CONFIG_VZ_GENCALLS=y  
CONFIG_VZ_DEV=y  
CONFIG_VZ_WDOG=m  
CONFIG_VZ_CHECKPOINT=m
```

Anyone got a clue? I'm using Debian Etch's linux-sources and pathes.