
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.
