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Subject: tun support - read wiki, can't get it to work.  
Posted by [vmvmvm](#) on Tue, 31 Aug 2010 19:52:31 GMT  
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Linux myhost.com 2.6.18-194.8.1.el5.028stab070.2PAE #1 SMP Tue Jul 6 15:30:49 MSD 2010  
i686 i686 i386 GNU/Linux

CentOS release 5.5 (Final)

on host node:

```
# lsmod | grep tun
tun                23168  0
```

another user in this forum lists theirs as :

```
tun                10148  2 vzrst,vzcpt
```

mine is missing the vzrst,vzcpt

do I need this? If so what should I do?

/etc/sysconfig/modules/tun:

```
#!/bin/sh
```

```
/sbin/modprobe tun
```

inside ve :

```
# lsmod | grep tun
# lsmod
Module                Size  Used by
#
```

I've done all the steps listed in various how-to's. I've done:

```
vzctl set 101 --devices c:10:200:rw --save
vzctl set 101 --capability net_admin:on --save
```

```
vzctl exec 101 mkdir -p /dev/net
vzctl exec 101 mknod /dev/net/tun c 10 200
vzctl exec 101 chmod 600 /dev/net/tun
```

rebooted, etc.

My questions (as a first part of trouble shooting):

if tun is enabled on the ve, should it show up when I do an lsmod in the ve?

is it odd that lsmod on the ve shows no modules at all?

Thanks for all help!

```
ONBOOT="yes"
```

```
# UBC parameters (in form of barrier:limit)
KMEMSIZE="15252512:15252512"
LOCKEDPAGES="256:256"
PRIVVMPAGES="1000000000:1000000000"
SHMPAGES="21504:21504"
NUMPROC="400:400"
PHYSPAGES="0:2147483647"
VMGUARPAGES="33792:2147483647"
OOMGUARPAGES="26112:2147483647"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:2703360"
TCPRCVBUF="1720320:2703360"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
DCACHESIZE="3409920:3624960"
NUMFILE="9312:9312"
AVNUMPROC="180:180"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="20971520:23068680"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair sheduler parameter
```

CPUUNITS="1000"

VE\_ROOT="/vz/root/\$VEID"

VE\_PRIVATE="/vz/private/\$VEID"

OSTEMPLATE="centos-5-x86"

ORIGIN\_SAMPLE="basic"

NAMESERVER="x.x.x.x"

IP\_ADDRESS="x.x.x.x"

HOSTNAME="host.com"

DEVICES="c:10:200:rw "

CAPABILITY="NET\_ADMIN:on "

IPTABLES="ip\_tables iptable\_filter iptable\_mangle ipt\_limit ipt\_multiport ipt\_tos ipt\_TOS

ipt\_REJECT ipt\_TCPMSS ipt\_tcpmss ipt\_ttl ipt\_LOG ipt\_length ip\_conntrack ip\_conntrack\_ftp

ipt\_state iptable\_nat ip\_nat\_ftp "