
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"
VMGUARPPAGES="33792:2147483647"
OOMGUARPPAGES="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 "
```

Subject: Re: tun support - read wiki, can't get it to work.
Posted by [maratrus](#) on Thu, 02 Sep 2010 12:04:26 GMT
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Quote:

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

No.

Quote:

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

Don't be afraid of this fact. What really matters is that tun is loaded on the HN and thus VE is able to use that functionality. If it is convenient for you imagine VE as a standalone box with each module compiled in a kernel.
