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Subject: Re: kernel module load fail  
Posted by [locutius](#) on Fri, 24 Oct 2008 05:59:04 GMT  
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node A (apf working in both HN and CT)

[root]# lsmod

Module	Size	Used by
vzethdev	16136	0
simfs	9068	55
vzrst	139156	0
vzcpt	114596	0
tun	15872	2 vzrst,vzcpt
vzdquota	44308	55 [permanent]
xt_tcpudp	7040	219
ip_nat_ftp	7808	0
xt_state	6144	28
xt_length	6016	0
ipt_ttl	5888	0
xt_tcpmss	6272	0
ipt_TCPMSS	8064	2
iptables_mangle	8576	57
xt_multiport	7168	8
xt_limit	6656	0
ipt_LOG	10240	0
ipt_TOS	6272	28
ipt_tos	5760	0
ipt_REJECT	9344	4
iptables_nat	13316	110
iptables_filter	8576	57
ip_nat	22288	3 vzrst,ip_nat_ftp,iptables_nat
ip_conntrack	60356	61 vzrst,vzcpt,ip_nat_ftp,xt_state,iptables_nat,ip_nat
nfnetlink	10648	2 ip_nat,ip_conntrack
ip_tables	18760	3 iptables_mangle,iptables_nat,iptables_filter
x_tables	19204	14 xt_tcpudp,xt_state,xt_length,ipt_ttl,xt_tcpmss,ipt_TCPMSS,xt_multiport,xt_limit,ipt_LOG,ipt_TOS,ipt_tos,ipt_REJECT,ip_nat,ip_tables
autofs4	25220	2
vznetdev	21764	110
vzmon	46984	59 vzethdev,vzrst,vzcpt,vznetdev
ipv6	262048	504 vzrst,vzcpt,vzmon
vzdev	7556	4 vzethdev,vzdquota,vznetdev,vzmon
dm_mirror	28804	0
dm_multipath	21384	0
dm_mod	58776	2 dm_mirror,dm_multipath
video	19588	0
sbs	18468	0
backlight	9984	0

```
i2c_ec      8960 1 sbs
i2c_core    23552 1 i2c_ec
container   8320 0
button      10512 0
battery     13700 0
asus_acpi   19480 0
ac          9092 0
parport_pc  29092 0
lp          16168 0
parport     37960 2 parport_pc,lp
sg          35740 0
serio_raw   10628 0
ide_cd      39968 0
bnx2        155032 0
pcspkr      7040 0
cdrom       38048 1 ide_cd
ata_piix    18436 0
libata      116280 1 ata_piix
megaraid_sas 32048 3
sd_mod      24832 4
scsi_mod    133132 4 sg,libata,megaraid_sas,sd_mod
ext3        124424 2
jbd         61736 1 ext3
uhci_hcd    25356 0
ohci_hcd    23324 0
ehci_hcd    33036 0
```

```
/etc/sysconfig/vz-scripts/101.conf
```

```
# Configuration file generated by vzsplit for 2 VEs
# on HN with total amount of physical mem 8103 Mb
# low memory 811 Mb, swap size 10001 Mb, Max treads 8000
# Resource commit level 0:
# Free resource distribution. Any parameters may be increased
# Primary parameters
NUMPROC="4000:4000"
AVNUMPROC="1039:1039"
NUMTCPSOCK="4000:4000"
NUMOTHERSOCK="4000:4000"
VMGUARPAGES="1244660:2147483647"

# Secondary parameters
KMEMSIZE="1073741824:1073741824"
TCPSNDBUF="11995682:28379682"
TCPRCVBUF="11995682:28379682"
OTHERSOCKBUF="5997841:22381841"
DGRAMRCVBUF="5997841:5997841"
OOMGUARPAGES="1244660:2147483647"
```

```
PRIVVMPAGES="1244660:1369126"
```

```
# Auxiliary parameters
```

```
LOCKEDPAGES="4157:4157"
```

```
SHMPAGES="124466:124466"
```

```
PHYSPAGES="0:2147483647"
```

```
NUMFILE="33248:33248"
```

```
NUMFLOCK="1000:1100"
```

```
NUMPTY="400:400"
```

```
NUMSIGINFO="1024:1024"
```

```
DCACHESIZE="18593056:19150848"
```

```
NUMIPTENT="1600:1600"
```

```
DISKSPACE="10485760:10485760"
```

```
DISKINODES="7469229:8216152"
```

```
CPUUNITS="399024"
```

```
VE_ROOT="/vz/root/$VEID"
```

```
VE_PRIVATE="/vz/private/$VEID"
```

```
OSTEMPLATE="centos-5-i386-default"
```

```
ORIGIN_SAMPLE="2split"
```

```
ONBOOT="no"
```

```
NAMESERVER="xxx.xxx.xxx.xxx"
```

```
IP_ADDRESS="xxx.xxx.xxx.xxx"
```

```
HOSTNAME="www.xxxxx.com"
```

```
/etc/vz/vz.conf
```

```
## Global parameters
```

```
VIRTUOZZO=yes
```

```
LOCKDIR=/vz/lock
```

```
DUMPDIR=/vz/dump
```

```
VE0CPUUNITS=1000
```

```
## Logging parameters
```

```
LOGGING=yes
```

```
LOGFILE=/var/log/vzctl.log
```

```
LOG_LEVEL=10
```

```
VERBOSE=0
```

```
## Disk quota parameters
```

```
DISK_QUOTA=yes
```

```
VZFASTBOOT=no
```

```
# The name of the device whose ip address will be used as source ip for VE.
```

```
# By default automatically assigned.
```

```
#VE_ROUTE_SRC_DEV="eth0"
```

```
# Controls which interfaces to send ARP requests and modify APR tables on.
```

```
NEIGHBOUR_DEVS=all
```

```

## Template parameters
TEMPLATE=/vz/template

## Defaults for VEs
VE_ROOT=/vz/root/$VEID
VE_PRIVATE=/vz/private/$VEID
CONFIGFILE="vps.basic"
DEF_OSTEMPLATE="fedora-core-4"

## Load vzwdog module
VZWDOG="no"

## IPv4 iptables kernel modules
#IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS
ipt_tcpmss ipt_ttl ipt_length"
IPTABLES="ipt_REJECT ipt_tos ipt_TOS ipt_LOG ip_conntrack ipt_limit ipt_multiport iptable_filter
iptables_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ipt_state iptable_nat ip_nat_ftp"

## Enable IPv6
IPV6="no"

## IPv6 ip6tables kernel modules
IP6TABLES="ip6_tables ip6table_filter ip6table_mangle ip6t_REJECT"

```

node B (apf working in HN but not CT)

```
[root]# lsmod
```

```

vzethdev          16136  0
vznetdev          21124  4
simfs             9068  2
vzrst            141844  0
vzcpt            114724  0
tun              15872  2 vzrst,vzcpt
vzmon            49804  6 vzethdev,vznetdev,vzrst,vzcpt
ip_nat_ftp       7808  0
iptables_nat     13316  4
ip_nat           22288  3 vzrst,ip_nat_ftp,iptables_nat
xt_length        6016  0
ipt_ttl          5888  0
xt_tcpmss        6272  0
ipt_LOG          10240  0
ipt_tos          5760  0
vzdquota         45204  2 [permanent]
xt_tcpudp        7040  122
xt_state         6144  16
ipt_TCPMSS       8064  1

```

```

iptables_mangle      8576 3
xt_multiport         7168 4
xt_limit             6656 6
ipt_TOS              6272 18
ipt_REJECT           9344 2
ip_conntrack         60356 8 vzrst,vzcpt,ip_nat_ftp,iptables_nat,ip_nat,xt_state
iptables_filter      8576 3
nfnetlink            10648 2 ip_nat,ip_conntrack
ip_tables            18760 3 iptable_nat,iptables_mangle,iptables_filter
x_tables             19204 14 iptable_nat,xt_length,ipt_ttl,xt_tcpmss,ipt_LOG,ipt_tos,xt_t
cpudp,xt_state,ipt_TCPMSS,xt_multiport,xt_limit,ipt_TOS,ipt_REJECT,ip_tables
ipv6                 269824 25 vzrst,vzcpt,vzmon
xfrm_nalgo           13700 1 ipv6
crypto_api           11904 1 xfrm_nalgo
vzdev                7556 4 vzethdev,vznetdev,vzmon,vzdquota
dm_mirror            29188 0
dm_multipath         22024 0
dm_mod               62108 2 dm_mirror,dm_multipath
video                21640 0
sbs                  18468 0
backlight            9984 1 video
i2c_ec               8960 1 sbs
i2c_core             23552 1 i2c_ec
container            8320 0
button              10512 0
battery              13700 0
asus_acpi            19480 0
ac                   9092 0
parport_pc           29092 0
lp                   16168 0
parport              37960 2 parport_pc,lp
sg                   35868 0
ide_cd               39968 0
pcspkr               7040 0
bnx2                 138780 0
i5000_edac           12416 0
edac_mc              26192 1 i5000_edac
cdrom                38048 1 ide_cd
serio_raw            10628 0
ata_piix             22276 0
libata               144700 1 ata_piix
mptsas               37512 3
mptscsih             36864 1 mptsas
mptbase              75812 2 mptsas,mptscsih
scsi_transport_sas   30464 1 mptsas
sd_mod               24832 4
scsi_mod             135180 6 sg,libata,mptsas,mptscsih,scsi_transport_sas,sd_mod
ext3                 124552 2

```

```
jbd          61736 1 ext3
uhci_hcd     25356 0
ohci_hcd     23324 0
ehci_hcd     33676 0
```

```
/etc/sysconfig/vz-scripts/101.conf
```

```
# Configuration file generated by vzsplit for 2 VEs
# on HN with total amount of physical mem 2020 Mb
# low memory 872 Mb, swap size 4000 Mb, Max treads 8000
# Resourse commit level 0:
# Free resource distribution. Any parameters may be increased
```

```
# Primary parameters
NUMPROC="4000:4000"
AVNUMPROC="1117:1117"
NUMTCPSOCK="4000:4000"
NUMOTHERSOCK="4000:4000"
VMGUARPAGES="340736:2147483647"
```

```
# Secondary parameters
KMEMSIZE="91529625:100682587"
TCPSNDBUF="279131136:410203136"
TCPRCVBUF="279131136:410203136"
OTHERSOCKBUF="279131136:410203136"
DGRAMRCVBUF="279131136:410203136"
OOMGUARPAGES="340736:2147483647"
PRIVVMPAGES="255999744:255999744"
```

```
# Auxiliary parameters
LOCKEDPAGES="4469:4469"
SHMPAGES="340736:340736"
PHYSPAGES="0:2147483647"
NUMFILE="35744:35744"
NUMFLOCK="1000:1100"
NUMPTY="400:400"
NUMSIGINFO="1024:1024"
DCACHESIZE="19988877:20588544"
NUMIPTENT="200:200"
DISKSPACE="3145728:3145728"
DISKINODES="1572864:1572864"
CPUUNITS="155175"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="centos-5-i386-default"
ONBOOT="yes"
NAMESERVER="xxx.xxx.xxx.xxx"
HOSTNAME="www.xxxx.com"
IP_ADDRESS="xxx.xxx.xxx.xxx"
```

```
MEMINFO="pages:255999744"  
CPULIMIT="400"  
CPUS="4"
```

```
/etc/vz/vz.conf
```

```
## Global parameters  
VIRTUOZZO=yes  
LOCKDIR=/vz/lock  
DUMPDIR=/vz/dump  
VE0CPUUNITS=1000
```

```
## Logging parameters  
LOGGING=yes  
LOGFILE=/var/log/vzctl.log  
LOG_LEVEL=10  
VERBOSE=0
```

```
## Disk quota parameters  
DISK_QUOTA=yes  
VZFASTBOOT=no
```

```
# The name of the device whose ip address will be used as source ip for VE.  
# By default automatically assigned.  
#VE_ROUTE_SRC_DEV="eth0"
```

```
# Controls which interfaces to send ARP requests and modify APR tables on.  
NEIGHBOUR_DEVS=all
```

```
## Template parameters  
TEMPLATE=/vz/template
```

```
## Defaults for VEs  
VE_ROOT=/vz/root/$VEID  
VE_PRIVATE=/vz/private/$VEID  
CONFIGFILE="vps.basic"  
DEF_OSTEMPLATE="fedora-core-4"
```

```
## Load vzwdog module  
VZWDOG="no"
```

```
## IPv4 iptables kernel modules  
#IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mangle ipt_TCPMSS  
ipt_tcpmss ipt_ttl ipt_length"  
IPTABLES="ipt_REJECT ipt_tos ipt_TOS ipt_LOG ip_conntrack ipt_limit ipt_multiport iptable_filter  
iptable_mangle ipt_TCPMSS ipt_tcpmss ipt_ttl ipt_length ipt_state iptable_nat ip_nat_ftp"
```

```
## Enable IPv6
```

IPV6="no"

## IPv6 ip6tables kernel modules

IP6TABLES="ip6\_tables ip6table\_filter ip6table\_mangle ip6t\_REJECT"

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thanks for the help. i also will compare these values and see what is different

EDIT:

i have compared the modules for A and B. i cannot see a problem

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