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Subject: Migration problem -> real CentOS to VPS  
Posted by [gustav](#) on Wed, 20 Jul 2011 13:31:18 GMT  
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Hello!

I try to migrate real server with CentOS 5.6 to VPS following [wiki.openvz.org/Physical\\_to\\_container](http://wiki.openvz.org/Physical_to_container) and [wiki.openvz.org/Creating\\_a\\_CentOS\\_5.0\\_Template](http://wiki.openvz.org/Creating_a_CentOS_5.0_Template) for instructions, but no active network is running. ifconfig not show any devices

the problem is same as the problem in my post about Mandriva VPS creating

P.S.

```
# service network restart # return:
```

```
# service network restart
```

```
Shutting down loopback interface:          [ OK ]
```

```
SIOCGIFFLAGS: No such device
```

```
Bringing up loopback interface: Device lo does not seem to be present, delaying initialization.  
[FAILED]
```

```
Bringing up interface venet0: Device venet0 does not seem to be present, delaying initialization.  
[FAILED]
```

```
RTNETLINK answers: File exists
```

```
RTNETLINK answers: File exists
```

```
RTNETLINK answers: File exists
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RTNETLINK answers: File exists
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RTNETLINK answers: File exists
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RTNETLINK answers: File exists
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RTNETLINK answers: File exists
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RTNETLINK answers: File exists
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RTNETLINK answers: File exists
```

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Subject: Re: Migration problem -> real CentOS to VPS  
Posted by [kir](#) on Thu, 21 Jul 2011 16:09:17 GMT  
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1. Do other CTs work fine (wrt networking) on the same system?

2. What is the output of the following commands (inside your failing CT)?

```
/sbin/ip r
```

```
/sbin/ip a
```

```
ifconfig -a
```

```
ls -l /etc/sysconfig/network-scripts/
```

3. Please show the contents of CT config file (i.e. /etc/vz/conf/\${CTID}.conf)

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Subject: Re: Migration problem -> real CentOS to VPS

Posted by [gustav](#) on Fri, 22 Jul 2011 10:57:10 GMT

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kir wrote on Thu, 21 July 2011 19:09:1. Do other CTs work fine (wrt networking) on the same system?

Yes. CentosOS, Slackware, Mandriva

Quote:

2. What is the output of the following commands (inside your failing CT)?

```
/sbin/ip r
```

```
/sbin/ip a
```

```
ifconfig -a
```

```
ls -l /etc/sysconfig/network-scripts/
```

```
[root@home /]# ip r
```

```
[root@home /]# ip a
```

```
1: lo: <LOOPBACK> mtu 16436 qdisc noop
```

```
link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
```

```
2: venet0: <BROADCAST,POINTOPOINT,NOARP> mtu 1500 qdisc noop
```

```
link/void
```

```
3: eth0: <BROADCAST,MULTICAST> mtu 1500 qdisc noop
```

```
link/ether EE:ff:ff:ff:ff:ff brd ff:ff:ff:ff:ff:ff
```

```
[root@home /]# ifconfig -a
```

```
eth0    Link encap:Ethernet HWaddr EE:FF:FF:FF:FF:FF
```

```
BROADCAST MULTICAST MTU:1500 Metric:1
```

```
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
```

```
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
```

```
collisions:0 txqueuelen:0
```

```
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
lo      Link encap:Local Loopback
```

```
LOOPBACK MTU:16436 Metric:1
```

```
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
```

```
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
```

```
collisions:0 txqueuelen:0
```

```
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
venet0  Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
```

```
BROADCAST POINTOPOINT NOARP MTU:1500 Metric:1
```

```
RX packets:0 errors:0 dropped:0 overruns:0 frame:0
```

```
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0
```

```
collisions:0 txqueuelen:0
```

```
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
[root@home /]# ls -l /etc/sysconfig/network-scripts/
```

```
total 236
```

```
-rw-r--r-- 1 root root 254 Oct 13 2010 ifcfg-lo
```

```
-rw-r--r-- 1 root root 116 Jul 20 17:42 ifcfg-venet0
```

```
-rw-r--r-- 1 root root 71 Jul 20 17:50 ifcfg-venet0:0
lrwxrwxrwx 1 root root 20 Jul 11 10:16 ifdown -> ../../sbin/ifdown
-rwxr-xr-x 1 root root 625 Oct 13 2010 ifdown-bnep
-rwxr-xr-x 1 root root 4573 Oct 13 2010 ifdown-eth
-rwxr-xr-x 1 root root 827 Oct 13 2010 ifdown-ipp
-rwxr-xr-x 1 root root 2149 Oct 13 2010 ifdown-ipsec
-rwxr-xr-x 1 root root 4473 Oct 13 2010 ifdown-ipv6
lrwxrwxrwx 1 root root 11 Jul 11 10:16 ifdown-isdn -> ifdown-ipp
-rwxr-xr-x 1 root root 1481 Oct 13 2010 ifdown-post
-rwxr-xr-x 1 root root 1084 Oct 13 2010 ifdown-ppp
-rwxr-xr-x 1 root root 637 Oct 13 2010 ifdown-routes
-rwxr-xr-x 1 root root 1593 Oct 13 2010 ifdown-sit
-rwxr-xr-x 1 root root 913 Oct 13 2010 ifdown-sl
-rwxr-xr-x 1 root root 1074 Oct 13 2010 ifdown-tunnel
lrwxrwxrwx 1 root root 18 Jul 11 10:16 ifup -> ../../sbin/ifup
-rwxr-xr-x 1 root root 13427 Oct 13 2010 ifup-aliases
-rwxr-xr-x 1 root root 859 Oct 13 2010 ifup-bnep
-rwxr-xr-x 1 root root 10798 Oct 13 2010 ifup-eth
-rwxr-xr-x 1 root root 12033 Oct 13 2010 ifup-ipp
-rwxr-xr-x 1 root root 8078 Oct 13 2010 ifup-ipsec
-rwxr-xr-x 1 root root 10853 Oct 13 2010 ifup-ipv6
-rwxr-xr-x 1 root root 823 Oct 13 2010 ifup-ix
lrwxrwxrwx 1 root root 9 Jul 11 10:16 ifup-isdn -> ifup-ipp
-rwxr-xr-x 1 root root 727 Oct 13 2010 ifup-plip
-rwxr-xr-x 1 root root 954 Oct 13 2010 ifup-plusb
-rwxr-xr-x 1 root root 2369 Oct 13 2010 ifup-post
-rwxr-xr-x 1 root root 4298 Oct 13 2010 ifup-ppp
-rwxr-xr-x 1 root root 1707 Oct 13 2010 ifup-routes
-rwxr-xr-x 1 root root 3662 Oct 13 2010 ifup-sit
-rwxr-xr-x 1 root root 1675 Oct 13 2010 ifup-sl
-rwxr-xr-x 1 root root 2078 Oct 13 2010 ifup-tunnel
-rwxr-xr-x 1 root root 3325 Oct 13 2010 ifup-wireless
-rwxr-xr-x 1 root root 5433 Oct 13 2010 init.ipv6-global
-rwxr-xr-x 1 root root 1154 Oct 13 2010 net.hotplug
-rw-r--r-- 1 root root 10363 Oct 13 2010 network-functions
-rw-r--r-- 1 root root 39833 Oct 13 2010 network-functions-ipv6
```

Quote:

3. Please show the contents of CT config file (i.e. /etc/vz/conf/\${CTID}.conf)

```
NUMPROC="6134:6134"
AVNUMPROC="3067:3067"
NUMTCPSOCK="6134:6134"
NUMOTHERSOCK="6134:6134"
VMGUARPAGES="500199:9223372036854775807"
```

# Secondary parameters

KMEMSIZE="251297300:276427030"  
TCPSNDBUF="58640902:83765766"  
TCPRCVBUF="58640902:83765766"  
OTHERSOCKBUF="29320451:54445315"  
DGRAMRCVBUF="29320451:29320451"  
OOMGUARPAGES="500199:9223372036854775807"  
PRIVVMPAGES="1840556:2024611"

# Auxiliary parameters

LOCKEDPAGES="12270:12270"  
SHMPAGES="184055:184055"  
PHYSPAGES="0:9223372036854775807"  
NUMFILE="98144:98144"  
NUMFLOCK="1000:1100"  
NUMPTY="512:512"  
NUMSIGINFO="1024:1024"  
DCACHESIZE="54884411:56530944"  
NUMIPTENT="200:200"  
DISKSPACE="67580512:67680512"  
DISKINODES="3265243:3591768"  
CPUUNITS="6000"  
OSTEMPLATE="centos"  
HOSTNAME="home"  
VE\_ROOT="/vz/root/\$VEID"  
VE\_PRIVATE="/vz/private/\$VEID"  
NAMESERVER="XX.YY.XX.YY"  
NETIF="ifname=eth0,bridge=mybr0,mac=EE:FF:FF:FF:FF:FF,host\_ifname=veth101.0,host\_mac=EE:FF:EE:FF:EE:FF"  
ORIGIN\_SAMPLE="basic"  
  
IP\_ADDRESS="XX.XX.XX.XX"

Note: IP and MAC are changed in the message

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