
Subject: Re: *SOLVED* OpenVZ: No driver for NIC RTL8111/8168B [solved]
Posted by [abdicar](#) on Sat, 03 Apr 2010 20:42:59 GMT
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```
Quote:[root@22491 ~]# wget http://www.abdicar.com/r8168-8.018.00.tar.bz2
--2010-04-03 22:32:06-- http://www.abdicar.com/r8168-8.018.00.tar.bz2
Resolving www.abdicar.com... 200.50.226.5
Connecting to www.abdicar.com[200.50.226.5]:80... connected.
HTTP request sent, awaiting response... 200 OK
Length: 49160 (48K) [application/x-bzip2]
Saving to: `r8168-8.018.00.tar.bz2'
```

```
100%[=====
===== >]
49,160    --.-K/s   in 0.04s
```

```
2010-04-03 22:32:06 (1.15 MB/s) - `r8168-8.018.00.tar.bz2' saved [49160/49160]
```

```
[root@22491 ~]# tar xvfz r8168-8.018.00.tar.bz2
```

```
gzip: stdin: not in gzip format
tar: Child returned status 1
tar: Error exit delayed from previous errors
[root@22491 ~]# tar xvz r8168-8.018.00.tar.bz2
```

```
[4]+  Stopped          tar xvz r8168-8.018.00.tar.bz2
```

```
[root@22491 ~]# ls
lspci lspci_ovz r8168-8.018.00.tar.bz2
[root@22491 ~]# tar -xjvf r8168-8.018.00.tar.bz2
r8168-8.018.00/
r8168-8.018.00/Makefile
r8168-8.018.00/README
r8168-8.018.00/src/
r8168-8.018.00/src/rtl_eeprom.h
r8168-8.018.00/src/Makefile
r8168-8.018.00/src/r8168_asf.c
r8168-8.018.00/src/r8168.h
r8168-8.018.00/src/rtl_eeprom.c
r8168-8.018.00/src/r8168_asf.h
r8168-8.018.00/src/rtltool.h
r8168-8.018.00/src/r8168_n.c
r8168-8.018.00/src/Makefile_linux24x
r8168-8.018.00/autorun.sh
[root@22491 ~]# cd r8168-8.018.00/
[root@22491 r8168-8.018.00]# ls
autorun.sh Makefile README src
[root@22491 r8168-8.018.00]# nano README
[root@22491 r8168-8.018.00]#
```

```
[root@22491 r8168-8.018.00]# ./autorun.sh
```

Check old driver and unload it.

```
rmmod r8169
```

Build the module and install

```
/root/r8168-8.018.00/src/r8168_n.c: In function 'rtl8168_tx_clear':
```

```
/root/r8168-8.018.00/src/r8168_n.c:8073: warning: unused variable 'dev'
```

Backup r8169.ko

```
rename r8169.ko to r8169.bak
```

Depending module. Please wait.

```
load module r8168
```

Completed.

```
[root@22491 r8168-8.018.00]#
```

```
[root@22491 r8168-8.018.00]# mii-tool
```

```
eth0: negotiated 10baseT-FD, link ok
```

```
[root@22491 r8168-8.018.00]# service network restart
```

```
Shutting down interface eth0: [ OK ]
```

```
Shutting down interface venet0: Shutting down interface venet0: [ OK ]
```

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

```
Disabling IPv4 packet forwarding: net.ipv4.ip_forward = 0 [ OK ]
```

```
Bringing up loopback interface: [ OK ]
```

```
Bringing up interface eth0: [ OK ]
```

```
Bringing up interface venet0: Bringing up interface venet0:
```

```
Configuring interface venet0:
```

```
net.ipv4.conf.venet0.send_redirects = 0 [ OK ]
```

```
[root@22491 r8168-8.018.00]# service vz restart
```

```
Shutting down CT 101
```

```
Bringing down interface venet0: [ OK ]
```

```
Stopping OpenVZ: [ OK ]
```

```
Starting OpenVZ: [ OK ]
```

```
Bringing up interface venet0: [ OK ]
```

```
Configuring interface venet0: [ OK ]
```

```
Starting CT 101: [ OK ]
```

```
[root@22491 r8168-8.018.00]#
```

So, now test again from the container...

```
Quote:[root@22491 r8168-8.018.00]# vzctl enter 101
```

```
entered into CT 101
```

```
[root@ns01 /]# ping yahoo.com
```

```
[1]+ Stopped ping yahoo.com
```

```
[root@ns01 /]# host yahoo.com
```

```

[2]+ Stopped          host yahoo.com
[root@ns01 /]# mii-tool
SIOCGMIIPHY on 'eth0' failed: Operation not permitted
SIOCGMIIPHY on 'eth1' failed: Operation not permitted
SIOCGMIIPHY on 'eth2' failed: Operation not permitted
SIOCGMIIPHY on 'eth3' failed: Operation not permitted
SIOCGMIIPHY on 'eth4' failed: Operation not permitted
SIOCGMIIPHY on 'eth5' failed: Operation not permitted
SIOCGMIIPHY on 'eth6' failed: Operation not permitted
SIOCGMIIPHY on 'eth7' failed: Operation not permitted
no MII interfaces found
[root@ns01 /]# ifconfig /all
/all: error fetching interface information: Device not found
[root@ns01 /]# ifconfig
lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  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
        inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:3 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:165 (165.0 b)

venet0:0 Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:x.73.100.179  P-t-P:x.73.100.179  Bcast:x.73.100.179  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1

[root@ns01 /]#

```

The correct netmask of the IP is .248, it is normal that the VPS load it on .255?