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Subject: Re: eth1 on VPS

Posted by [ferp2](#) on Fri, 13 Oct 2006 15:06:36 GMT

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Hello Vass,

Thank you for your response.

To answer your requests:

Quote:Can you ping anyone else in network?

Quote:Please, do `ifconfig -a` and `route -nv` in VE and on HN and post the results here.

Please note that I have encounter new problems since rebooting the HN, which I will detail first before answering your requests:

Problem 1:

The booting sequence proceeded normally until booting VE 104. At this point, I received the following message.

Quote:martian source 192.168.0.255 from 192.168.0.104,  
on dev eth0  
|| header: ff:ff:ff:ff:ff:00:50:fc:72.56.44.08:00

Shortly after the HN system became unresponsive and required a cold reboot.

Upon rebooting a second time, the "martian source" message did not reappear, and the HN remained responsive.

Problem 2:

I could neither ssh nor ping VE 104. To remedy this, I did:

Quote:\$ `cd /vz/private/104/etc/network`  
\$ `mv interfaces.template interfaces.template.off`

I then rebooted VE 104 and was able to log in successfully.

Here are the details of `ifconfig -a` and `route -nv`:

`ifconfig -a`

Quote:eth1    Link encap:Ethernet HWaddr 00:50:FC:72:56:44  
BROADCAST MULTICAST MTU:1500 Metric:1  
RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
TX packets:61 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:1000  
RX bytes:0 (0.0 b) TX bytes:10248 (10.0 KiB)  
Interrupt:11 Base address:0xd400

```

lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:86 errors:0 dropped:0 overruns:0 frame:0
        TX packets:86 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:11060 (10.8 KiB)  TX bytes:11060 (10.8 KiB)

venet0  Link encap:UNSPEC  HWaddr 00-00-FF-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:187 errors:0 dropped:0 overruns:0 frame:0
        TX packets:112 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:16380 (15.9 KiB)  TX bytes:14481 (14.1 KiB)

venet0:0  Link encap:UNSPEC  HWaddr 00-00-FF-FF-FF-FF-00-00-00-00-00-00-00-00-00-00
        inet addr:192.168.0.104  P-t-P:192.168.0.104  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1

```

route -nv

Quote:Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
191.255.255.1	0.0.0.0	255.255.255.255	UH	0	0	0	venet0
0.0.0.0	191.255.255.1	0.0.0.0	UG	0	0	0	venet0

Obviously, eth1 is not functioning in the present configuration. To make it functional, I will log into VE 104 and make the eth1 boot configuration file active again. Here are the details of that file:

/etc/network/interfaces.template

Quote:auto eth1

```

iface eth1 inet static
    address 192.168.0.104
    netmask 255.255.255.0
    network 192.168.0.0
    broadcast 192.168.0.255
    gateway 192.168.0.254

```

Now I will reboot VE 104 from the HN. Details are:

```

vzctl restart 104
Quote:Restarting VPS
Stopping VPS ...
VPS was stopped
VPS is not mounted

```

Starting VPS ...  
vzquota : (warning) Quota is running for id 104 already  
VPS is mounted  
Deleting IP address(es): 192.168.0.104  
SIOCSIFFLAGS: Cannot assign requested address  
Adding IP address(es): 192.168.0.104  
Setting CPU units: 1000  
Set hostname: vz4.lan.rmt  
File resolv.conf was modified  
VPS start in progress...

Note that I can no longer ping nor ssh into VE 104, which means I cannot reproduce the situation I was in when I started this thread.

Meanwhile, I have noticed 2 clues which may point to a solution to this problem. They are:

The martian source message I received before the HN became unresponsive and  
SIOCSIFFLAGS: Cannot assign requested address

Here are a few details regarding my attempted network setup:

HN - 192.168.0.7 - eth0  
VE 1 - 192.168.0.101 - eth0  
VE 2 - 192.168.0.102 - eth0  
VE 3 - 192.168.0.103 - eth0  
=====  
VE 4 - 192.168.0.104 - eth1

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