
Subject: VPS become unreachable some times
Posted by [john](#) on Mon, 16 Feb 2009 02:42:30 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

I have a openvz main node. I have some basic doubts in it.

i have 4 ip's say 192.168.1.1 to 192.168.1.4

192.168.1.1 is my main ip. 192.168.1.2 to 192.168.1.4 are for VPS's. Should i have to add 192.168.1.2 to 192.168.1.4 in ifconfig of main node?

Can anyone just paste their ifconfig of main node and a vps in it sothat i can compare with it.

mine is like this.

=====

Main node:

```
eth0  Link encap:Ethernet  HWaddr 00:40:D0:AC:2A:EB
      inet addr:<main ip>  Mask:255.255.255.192
      inet6 addr: fe80::240:d0ff:feac:2aeb/64 Scope:Link
      UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
      RX packets:7896 errors:0 dropped:0 overruns:0 frame:0
      TX packets:6185 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:1000
      RX bytes:731267 (714.1 KiB)  TX bytes:2832664 (2.7 MiB)
      Interrupt:5
```

```
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:18 errors:0 dropped:0 overruns:0 frame:0
      TX packets:18 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:900 (900.0 b)  TX bytes:900 (900.0 b)
```

```
venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
      RX packets:4678 errors:0 dropped:0 overruns:0 frame:0
      TX packets:4111 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:1453710 (1.3 MiB)  TX bytes:246087 (240.3 KiB)
```

=====

VPS:

```
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:6 errors:0 dropped:0 overruns:0 frame:0
      TX packets:6 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:300 (300.0 b) TX bytes:300 (300.0 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:3975 errors:0 dropped:0 overruns:0 frame:0
      TX packets:4568 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:234039 (228.5 KiB) TX bytes:1441636 (1.3 MiB)

venet0:0  Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:<ip1> P-t-P:85.25.178.242 Bcast:85.25.178.242 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

venet0:1  Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
      inet addr:<ip2> P-t-P:85.25.178.241 Bcast:85.25.178.241 Mask:255.255.255.255
      UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

=====

As you can see ip1 and ip2 of vps is not listed in main node. Should i need to add it?? if need to add should i add it as venet or eth0:0. also can anyone give me the exact command.

Also how can i remove one ip from vps.

Is their any condition of ip address to support VPS.ie ip should be fully privileged something like that.

If anyone provide commands i need to follow much appreciated.

Subject: Re: VPS become unreachable some times
Posted by [maratrus](#) on Thu, 19 Feb 2009 15:07:29 GMT
[View Forum Message](#) <> [Reply to Message](#)

Hello,

your output looks like correct.

Quote:

As you can see ip1 and ip2 of vps is not listed in main node. Should i need to add it?? if need to add should i add it as venet or eth0:0. also can anyone give me the exact command.

You don't need to add anything.

to set ip to your VE:

```
# vzctl set $VEID --ipadd x.x.x.x --save
```

to remove

```
# vzctl set $VEID --ipdel x.x.x.x --save
```

if there are any problems check your sysctl parameters

http://wiki.openvz.org/Quick_installation#sysctl

firewall rules,

if you're going to use private IPs this might be helpful

http://wiki.openvz.org/Using_NAT_for_container_with_private_IPs

To make your explanation more understandable I'd recommend you to look at the following page

http://forum.openvz.org/index.php?t=tree&goto=27545&#msg_27545
