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Subject: Problems in cPanel (in vps) adding static ip's  
Posted by [hostenlinea](#) on Mon, 22 Sep 2008 13:58:32 GMT  
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Hi,  
I have a dedicated server, fully virtualized with openvz (and hypervm for manage). In a vps i have cPanel.  
When I attempt to add a new ip in WHM, appears in red.

When i make:

```
root@server [/etc]# service ipaliases restart
UnRouting 62.212.74.1xx SIOCDELRT: No such device
                                [FAILED]
Shutting down eth0:1 eth0:1: unknown interface: No such device
                                [FAILED]
Bringing up eth0:1 SIOCSIFADDR: No such device
eth0:1: unknown interface: No such device
SIOCSIFNETMASK: No such device
SIOCGIFADDR: No such device
SIOCSIFBROADCAST: No such device
SIOCSIFBRDADDR: No such device
eth0:1: unknown interface: No such device
                                [FAILED]
Routing 62.212.74.1xx SIOCADDRT: No such device
                                [FAILED]
```

-----  
And, if i put:

```
[root@localhost ~]# vzctl exec 110 /etc/init.d/network restart
Shutting down interface venet0: [ OK ]
Shutting down loopback interface: [ OK ]
Bringing up loopback interface: [ OK ]
Bringing up interface venet0: SIOCADDRT: Network is unreachable
[ OK ]
```

What is happening? Is a vps networking problem?? (is working aparently good).

Thanks!

Regards,  
Amil

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Subject: Re: Problems in cPanel (in vps) adding static ip's  
Posted by [hostenlinea](#) on Wed, 24 Sep 2008 10:34:32 GMT  
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Hi,  
The main problem was the "alternate ethernet device" (was no set to virtual interface) but still with problems....  
Here explain..

In "Alternate Main Ethernet Device" i set it to: "venet0:0".

"Add new ip address" - i can add ip, and in "Show IP address usage" I can see IPs that i have added in GREEN.

But.. for example I migrate a hosting to dedicated ip and recognizes IP but ping timeout.. can't establish connection.  
It seems could be any kind of network config...

Here, the interfaces and addresses assigned:

This is the main interface, working perfectly:

```
venet0:0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:62.x.x.160 P-t-P:62.x.x.160 Bcast:62.x.x.160 Mask:255.255.255.255
```

And two IP i have added later in WHM but..doesn't ping:

```
venet0:0:1 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
inet addr:62.x.x.165 P-t-P:62.x.x.165 Bcast:62.x.x.191 Mask:255.255.255.192
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:62.x.x.167 P-t-P:62.x.x.167 Bcast:62.x.x.191 Mask:255.255.255.192
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
```

IN MASTER:

The master server have this config (in eth0), this is the dedicated:

```
eth0 Link encap:Ethernet HWaddr 00:19:B9:F9:C6:65
inet addr:62.x.x.152 Bcast:62.212.74.191 Mask:255.255.255.192
```

```
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:17626388 errors:0 dropped:0 overruns:0 frame:0
```

(venet0 in master not show any ip).

Regards,

Amil

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Subject: SOLVED!!! Re: Problems in cPanel (in vps) adding static ip's

Posted by [hostenlinea](#) on Fri, 26 Sep 2008 21:02:54 GMT

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Hi,

I solved this adding manually a secondary ip, with vzctl in master:

```
vzctl set {CTID} --ipadd {n.n.n.n} --save
```

Once made, in WHM, i recalculate ip-pool and I can now work with this ip fully, working 100%.

For any reason, if I add the ip with cPanel doesn't assign correctly the ip (in network restart unmade network changes), maybe is a cPanel bug over OpenVZ. Or maybe a problem related to hypervm.

Hope this help, thanks.

Regards,  
Amil

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