
Subject: Re: How to assign a public IP to a VE ?
Posted by [U.Mutlu](#) on Sat, 29 Oct 2011 08:51:03 GMT
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Gary Wallis wrote, On 2011-10-29 04:29:

> Sounds like a general networking vlan and/or bonding issue. But make sure that these
> /etc/vz/vz.conf parameters are set correctly:

```
>  
> # The name of the device whose IP address will be used as source IP for CT.  
> # By default automatically assigned.  
> #VE_ROUTE_SRC_DEV="eth0"  
>  
> # Controls which interfaces to send ARP requests and modify APR tables on.  
> #NEIGHBOUR_DEVS=detect
```

tried also with "all"

```
> ## Fail if there is another machine in the network with the same IP  
> ERROR_ON_ARPFAIL="no"
```

Have it already so

```
> Also check the output of  
>  
> # route -n  
>  
> Make sure default gw (0.0.0.0) is on the correct device and that this device is plugged into the  
correct switch port.
```

The main IP is XXX.XXX.132.147/24, and the GW is XXX.XXX.132.1 .
The 2nd IP is XXX.XXX.131.15 .

The goal is to assign the 2nd IP to the VE.
Let's start on the HN. Is the following setup on the HN correct?

```
# ip a l  
root@s7:/tmp# ip a l  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 16436 qdisc noqueue state UNKNOWN  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
2: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP qlen 1000  
    link/ether 00:1b:21:ad:7b:d3 brd ff:ff:ff:ff:ff:ff  
    inet XXX.XXX.132.147/24 brd XXX.XXX.132.255 scope global eth0  
    inet XXX.XXX.131.15/24 brd XXX.XXX.131.255 scope global eth0:0  
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,LOWER_UP> mtu 1500 qdisc noqueue  
state UNKNOWN  
    link/void
```

```
# ip r l
XXX.XXX.132.0/24 dev eth0 proto kernel scope link src XXX.XXX.132.147
XXX.XXX.131.0/24 dev eth0 proto kernel scope link src XXX.XXX.131.15
default via XXX.XXX.132.1 dev eth0
```

```
# route -n
```

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
XXX.XXX.132.0	0.0.0.0	255.255.255.0	U	0	0	0	eth0
XXX.XXX.131.0	0.0.0.0	255.255.255.0	U	0	0	0	eth0
0.0.0.0	XXX.XXX.132.1	0.0.0.0	UG	0	0	0	eth0

Both IPs can be pinged from outside.

If that's correct on the HN, then how should the /etc/network/interfaces on the VE look like?
