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Subject: Re: VLAN Setup

Posted by [jonasb](#) on Thu, 09 Aug 2007 08:57:39 GMT

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I can't get it to work. I can start the VE. And I can ping it from HN but not outside HN. The strange thing is that my vlan disappear when I start the VE. And is available again when I stop it.

```
[root@vz-test ~]# uname -a
```

```
Linux vz-test 2.6.18-8.1.8.el5.028stab039.1PAE #1 SMP Mon Jul 23 20:45:26 MSD 2007 i686
i686 i386 GNU/Linux
```

```
[root@vz-test ~]# vconfig add eth1 105
```

```
Added VLAN with VID == 105 to IF -:eth1:-
```

```
[root@vz-test ~]# ifconfig eth1.105 192.168.20.137 netmask 255.255.255.240 broadcast
192.168.20.143
```

```
[root@vz-test ~]# vzctl set 10666 --netdev_add eth1.105 --save
```

```
Saved parameters for VE 10666
```

```
[root@vz-test ~]# vzctl set 10666 --ipadd 192.168.20.138 --save
```

```
Saved parameters for VE 10666
```

```
[root@vz-test ~]# ifconfig eth1.105
```

```
eth1.105 Link encap:Ethernet HWaddr 00:30:48:60:71:9D
    inet addr:192.168.20.137 Bcast:192.168.20.143 Mask:255.255.255.240
    inet6 addr: fe80::230:48ff:fe60:719d/64 Scope:Link
    UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
    RX packets:30 errors:0 dropped:0 overruns:0 frame:0
    TX packets:24 errors:0 dropped:0 overruns:0 carrier:0
    collisions:0 txqueuelen:0
    RX bytes:1538 (1.5 KiB) TX bytes:1596 (1.5 KiB)
```

```
[root@vz-test ~]# vzctl start 10666
```

```
Starting VE ...
```

```
VE is mounted
```

```
Adding IP address(es): 192.168.20.138
```

```
arp send: 192.168.20.138 is detected on another computer : 00:00:0c:07:ac:01
```

```
vps-net_add WARNING: arp send -c 1 -w 1 -D -e 192.168.20.138 eth1.106 FAILED
```

```
arp send: 192.168.20.138 is detected on another computer : 00:1a:6d:02:43:45
```

```
vps-net_add WARNING: arp send -c 1 -w 1 -D -e 192.168.20.138 eth1.104 FAILED
```

```
Setting CPU units: 1000
```

```
Setting CPUs: 1
```

```
Configure meminfo: 768000
```

```
File resolv.conf was modified
```

```
VE start in progress...
```

```
[root@vz-test ~]# ping -c 1 192.168.20.138
PING 1192.168.20.138 (1192.168.20.138) 56(84) bytes of data.
64 bytes from 192.168.20.138: icmp_seq=1 ttl=64 time=0.075 ms
```

```
--- 1192.168.20.138 ping statistics ---
1 packets transmitted, 1 received, 0% packet loss, time 0ms
rtt min/avg/max/mdev = 0.075/0.075/0.075/0.000 ms
```

```
[root@vz-test ~]# ifconfig eth1.105
eth1.105: error fetching interface information: Device not found
```

```
[root@vz-test ~]# cat /proc/net/vlan/config
VLAN Dev name | VLAN ID
Name-Type: VLAN_NAME_TYPE_RAW_PLUS_VID_NO_PAD
eth1.106 | 106 | eth1
eth1.104 | 104 | eth1
```

```
[root@vz-test ~]# ifconfig eth1.105
eth1.105: error fetching interface information: Device not found
```

```
[root@vz-test ~]# vzctl stop 10666
Stopping VE ...
VE was stopped
VE is unmounted
```

```
[root@vz-test ~]# ifconfig eth1.105
eth1.105 Link encap:Ethernet HWaddr 00:30:48:60:71:9D
          BROADCAST MULTICAST MTU:1500 Metric:1
          RX packets:30 errors:0 dropped:0 overruns:0 frame:0
          TX packets:22 errors:0 dropped:0 overruns:0 carrier:0
          collisions:0 txqueuelen:0
          RX bytes:1538 (1.5 KiB) TX bytes:1428 (1.3 KiB)
```

```
[root@vz-test ~]# cat /proc/net/vlan/config
VLAN Dev name | VLAN ID
Name-Type: VLAN_NAME_TYPE_RAW_PLUS_VID_NO_PAD
eth1.106 | 106 | eth1
eth1.104 | 104 | eth1
eth1.105 | 105 | eth1
```

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