

---

Subject: VLAN setup - confusion/help :(  
Posted by [tgault](#) on Fri, 25 Aug 2006 04:20:17 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

hi,

i'm trying to configure VLAN access to a host and it configures everything but i can't get out from the VE.

basically what i'm trying to do is have VE0 on one VLAN and each of the VEs on a different VLAN to separate them out. the steps i've done are:

- installed latest devel kernel
- modprobe 8021q
- modprobe vethdev
  
- vconfig add eth0 900
- brctl addbr vzbr900
  
- echo 1 > /proc/sys/net/ipv4/conf/eth0/forwarding
- echo 1 > /proc/sys/net/ipv4/conf/eth0/proxy\_arp
  
- brctl addif vzbr900 eth0.900
  
- vzctl create 101 --ostemplate centos-4-x86\_64-minimal --ipadd 210.18.55.132 --hostname vztest1
- vzctl set 101 --veth\_add veth101.0,00:12:34:56:78:9A,eth0,00:12:34:56:78:9B --save
  
- brctl addif vzbr900 veth101.0
  
- vzctl start 101
  
- vzctl exec 101 "ifdown venet0:0"
- vzctl exec 101 "ifconfig eth0 210.18.55.132 netmask 255.255.255.0 up"

when i ping the gateway (or anything) from VE101 i get nothing

when i start VE101, i get:

```
Starting VPS ...
VPS is mounted
Adding IP address(es): 210.18.55.132
arp send: 172.18.55.132 is detected on another computer : 00:00:0c:07:ac:01
vps-net_add WARNING: arp send -c 1 -w 1 -D -e 210.18.55.132 eth0 FAILED
Setting CPU units: 1000
Set hostname: vztest1
Processing veth devices
VPS start in progress...
```

any thoughts or suggestions as to what i'm doing wrong ?????

many thx

scatha

---

---

Subject: Re: VLAN setup - confusion/help :(  
Posted by [Vasily Tarasov](#) on Fri, 25 Aug 2006 08:55:20 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

What about forwarding for bridge?

I mean something like

```
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/vzbr0/forwarding
```

```
[host-node]# echo 1 > /proc/sys/net/ipv4/conf/vzbr0/proxy_arp
```

...

---

---

Subject: Re: VLAN setup - confusion/help :(  
Posted by [tgault](#) on Mon, 28 Aug 2006 01:22:53 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

vass,

it doesnt create the vzbr900 subdirectory ...

brctl show

bridge name	bridge id	STP enabled	interfaces
vzbr900	8000.00123456789a	no	eth0.900 veth101.0

```
ls /proc/sys/net/ipv4/conf  
all default eth0 lo venet0
```

```
veth101.0 Link encap:Ethernet HWaddr 00:12:34:56:78:9A  
BROADCAST MULTICAST MTU:1500 Metric:1  
RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
vzbr900 Link encap:Ethernet HWaddr 00:12:34:56:78:9A  
BROADCAST MULTICAST MTU:1500 Metric:1  
RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

---