
Posted by [saimon](#) on Sat, 18 Nov 2006 13:54:06 GMT

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```
# HN
RHEL4/p4-2.8/1G
kernel 2.6.9-023stab032.1-smp
ifs: lo,venet0, eth0: ext_ip_pool
```

```
#VE-vpn
Centos-i386-minimal
openvpn-2.0.7+shorewall-3.2.5
ifs:
 1. lo
 2. tun11 10.9.0.6/32
 3. venet0
 4. venet0:0 192.168.1.1/32
```

```
(VE->) |VE-vpn| -venet0- |HN| -SNAT-to-ext_ip:eth0- [GW_ISP] -- inet
(VE<-) inet -- [GW_ISP] -- eth0 -- |HN| -venet0- |VE-vpn|
```

```
VE-vpn# tcpdump -i venet0 -ll -nn net VE_lan,
```

```
HN# tcpdump -i venet0 -ll -nn net VE_lan
```

```
VE-vpn# iptables -t nat -A POSTROUTING -s 192.168.0.0/24 -o venet0 -j SNAT --to 192.168.1.1
```

VE-venet-{VE,HN}

Posted by [dim](#) on Mon, 20 Nov 2006 08:05:22 GMT

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VE-venet-{VE,HN}

Posted by [saimon](#) on Mon, 20 Nov 2006 14:28:58 GMT

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HN

```
[alexey@hn ~]$ /sbin/ip a l
```

```
2: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 brd 127.255.255.255 scope host lo
```

```
4: eth0: <BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
  link/ether 00:13:20:17:1b:5a brd ff:ff:ff:ff:ff:ff
  inet 64.246.5a.x/23 brd 64.246.5b.255 scope global eth0
  inet 64.246.5b.y/32 scope global eth0
  inet 64.246.5c.z/32 scope global eth0
  inet 192.168.1.254/32 scope global eth0
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
  link/void
```

```
[alexey@hn ~]$ /sbin/ip r l
192.168.1.114 dev venet0 scope link src 64.246.5a.x
192.168.1.1 dev venet0 scope link src 64.246.5a.x
192.168.1.102 dev venet0 scope link src 64.246.5a.x
192.168.1.103 dev venet0 scope link src 64.246.5a.x
192.168.1.106 dev venet0 scope link src 64.246.5a.x
192.168.1.107 dev venet0 scope link src 64.246.5a.x
192.168.1.105 dev venet0 scope link src 64.246.5a.x
192.168.1.108 dev venet0 scope link src 64.246.5a.x
192.168.1.109 dev venet0 scope link src 64.246.5a.x
64.246.5a.0/23 dev eth0 proto kernel scope link src 64.246.5a.x
169.254.0.0/16 dev eth0 scope link
default via 64.246.5a.d dev eth0
```

VE

```
[alexey@hn ~]$ sudo /usr/sbin/vzctl enter 101
entered into VE 101
-bash-3.00# ip l
1: lo: <LOOPBACK,UP> mtu 16436 qdisc noqueue
  link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP> mtu 1500 qdisc noqueue
  link/void
5: tun11: <POINTOPOINT,MULTICAST,NOARP,UP> mtu 1500 qdisc pfifo_fast qlen 10
  link/[65534]
-bash-3.00# ip r l
10.9.0.5 dev tun11 proto kernel scope link src 10.9.0.6
192.168.0.0/24 via 10.9.0.5 dev tun11
172.16.1.0/24 via 10.9.0.5 dev tun11
191.255.255.0/24 dev venet0 scope host
192.168.9.0/24 via 10.9.0.5 dev tun11
169.254.0.0/16 dev venet0 scope link
default via 191.255.255.1 dev venet0
```

VE-venet-{VE,HN}

Posted by [dim](#) on Mon, 20 Nov 2006 15:27:28 GMT

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saimon wrote on Sat, 18 November 2006 08:54

VE-venet-{VE,HN}

Posted by [saimon](#) on Mon, 20 Nov 2006 16:13:31 GMT

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VE-venet-{VE,HN}

Posted by [dim](#) on Mon, 20 Nov 2006 16:19:31 GMT

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Quote:

VE-venet-{VE,HN}

Posted by [saimon](#) on Mon, 20 Nov 2006 17:49:36 GMT

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VE-venet-{VE,HN}

Posted by [dim](#) on Wed, 22 Nov 2006 09:56:49 GMT

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File Attachments

1) [diff-ovz-net-skip-ve-check](#), downloaded 511 times

VE-venet-{VE,HN}

Posted by [saimon](#) on Mon, 27 Nov 2006 10:08:37 GMT

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```
remote_host(192.168.0.47) $ ping 192.168.1.115
```

HN:

```
11:47:56.280377 IP 192.168.0.47 > 192.168.1.115: icmp 64: echo request seq 815
```

```
11:47:56.280412 IP 192.168.0.47 > 192.168.1.115: icmp 64: echo request seq 815
```

```
11:47:56.280448 IP 192.168.1.115 > 192.168.0.47: icmp 64: echo reply seq 815
```

VE-vpn(192.168.1.1):

```
-bash-3.00# tcpdump -i venet0 -ll -nn icmp
```

```
11:47:56.280377 IP 192.168.0.47 > 192.168.1.115: icmp 64: echo request seq 815
```

VE-mysql(192.168.1.115)

VE-venet-{VE,HN}

Posted by [dim](#) on Mon, 27 Nov 2006 11:30:36 GMT

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VE-venet-{VE,HN}

Posted by [saimon](#) on Mon, 27 Nov 2006 11:57:19 GMT

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