
Subject: Re: vpnc in a VE locks out local traffic ?
Posted by [daryn](#) on Thu, 22 May 2008 10:07:39 GMT
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Hi, thanks for your answer.

Indeed that was the problem and adding a static route to the local network (192.168.2.0/24) prior to starting vpnc solves it :

```
[root@ovhost ~]# vzctl exec 101 route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.0.2.0 0.0.0.0 255.255.255.0 U 0 0 0 venet0
0.0.0.0 192.0.2.1 0.0.0.0 UG 0 0 0 venet0
[root@ovhost ~]# vzctl exec 101 route add -net 192.168.2.0 netmask 255.255.255.0 dev venet0
.0 dev venet0
[root@ovhost ~]# vzctl exec 101 route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
192.168.2.0 0.0.0.0 255.255.255.0 U 0 0 0 venet0
192.0.2.0 0.0.0.0 255.255.255.0 U 0 0 0 venet0
0.0.0.0 192.0.2.1 0.0.0.0 UG 0 0 0 venet0
[root@ovhost ~]# vzctl exec 101 /usr/local/sbin/vpnc
VPNC started in background (pid: 32582)...
[root@ovhost ~]# vzctl exec 101 route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
CCC.CCC.CCC.CCC 0.0.0.0 255.255.255.255 UH 0 0 0 venet0
DDD.DDD.DDD.DDD 0.0.0.0 255.255.255.255 UH 0 0 0 tun0
EEE.EEE.EEE.EEE 0.0.0.0 255.255.255.255 UH 0 0 0 tun0
192.168.2.0 0.0.0.0 255.255.255.0 U 0 0 0 venet0
192.0.2.0 0.0.0.0 255.255.255.0 U 0 0 0 venet0
192.168.0.0 0.0.0.0 255.255.0.0 U 0 0 0 tun0
172.16.0.0 0.0.0.0 255.240.0.0 U 0 0 0 tun0
0.0.0.0 0.0.0.0 0.0.0.0 U 0 0 0 tun0
[root@ovhost ~]# ping -c 3 192.168.2.101
PING 192.168.2.101 (192.168.2.101) 56(84) bytes of data.
64 bytes from 192.168.2.101: icmp_seq=0 ttl=64 time=0.443 ms
64 bytes from 192.168.2.101: icmp_seq=1 ttl=64 time=0.282 ms
64 bytes from 192.168.2.101: icmp_seq=2 ttl=64 time=0.196 ms

--- 192.168.2.101 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2001ms
rtt min/avg/max/mdev = 0.196/0.307/0.443/0.102 ms, pipe 2
[root@ovhost ~]# vzctl exec 101 ping -c 3 192.168.2.20
PING 192.168.2.20 (192.168.2.20) 56(84) bytes of data.
64 bytes from 192.168.2.20: icmp_seq=0 ttl=64 time=0.682 ms
```

```
64 bytes from 192.168.2.20: icmp_seq=1 ttl=64 time=0.695 ms
64 bytes from 192.168.2.20: icmp_seq=2 ttl=64 time=0.656 ms
```

```
--- 192.168.2.20 ping statistics ---
```

```
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 0.656/0.677/0.695/0.034 ms, pipe 2
```

```
[root@ovhost ~]# vzctl exec 101 ping -c 3 target.host.on.the.vpn
PING target.host.on.the.vpn (XXX.XXX.XXX.XXX) 56(84) bytes of data.
```

```
64 bytes from target.host.on.the.vpn (XXX.XXX.XXX.XXX): icmp_seq=0 ttl=62 time=23.5 ms
```

```
64 bytes from target.host.on.the.vpn (XXX.XXX.XXX.XXX): icmp_seq=1 ttl=62 time=31.4 ms
```

```
64 bytes from target.host.on.the.vpn (XXX.XXX.XXX.XXX): icmp_seq=2 ttl=62 time=32.0 ms
```

```
--- target.host.on.the.vpn ping statistics ---
```

```
3 packets transmitted, 3 received, 0% packet loss, time 2002ms
rtt min/avg/max/mdev = 23.591/29.031/32.099/3.859 ms, pipe 2
```

```
[root@ovhost ~]# vzctl exec 101 /usr/local/sbin/vpnc-disconnect
Terminating vpnc daemon (pid: 32582)
```

```
[root@ovhost ~]# vzctl exec 101 route -n
```

```
Kernel IP routing table
```

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
192.168.2.0	0.0.0.0	255.255.255.0	U 0 0	0	0	0	venet0
192.0.2.0	0.0.0.0	255.255.255.0	U 0 0	0	0	0	venet0
0.0.0.0	192.0.2.1	0.0.0.0	UG 0 0	0	0	0	venet0

```
[root@ovhost ~]#
```

I am not sure it is the best solution but it does work. I made the route persistent across VE restarts as follows:

```
[root@ovhost ~]# vzctl enter 101
```

```
[root@ov101 /]# cat /etc/sysconfig/network-scripts/route-venet0
```

```
192.0.2.0/24 dev venet0 scope host
```

```
default via 192.0.2.1
```

```
[root@ov101 /]# echo 192.168.2.0/24 dev venet0 >> /etc/sysconfig/network-scripts/route-venet0
/route-venet0
```

```
[root@ov101 /]# cat /etc/sysconfig/network-scripts/route-venet0
```

```
192.0.2.0/24 dev venet0 scope host
```

```
default via 192.0.2.1
```

```
192.168.2.0/24 dev venet0
```

```
[root@ov101 /]# logout
```

```
exited from VE 101
```

```
[root@ovhost ~]# vzctl restart 101
```

```
Restarting VE
```

```
Stopping VE ...
```

```
VE was stopped
```

```
VE is unmounted
```

```
Starting VE ...
```

```
VE is mounted
Adding IP address(es): 192.168.2.101
Setting CPU units: 1000
Setting devices
Configure meminfo: 65536
Set hostname: ov101
File resolv.conf was modified
VE start in progress...
[root@ovhost ~]# vzctl exec 101 route -n
Kernel IP routing table
Destination  Gateway      Genmask      Flags Metric Ref  Use Iface
192.168.2.0  0.0.0.0     255.255.255.0 U    0    0    0 venet0
192.0.2.0    0.0.0.0     255.255.255.0 U    0    0    0 venet0
0.0.0.0      192.0.2.1   0.0.0.0      UG   0    0    0 venet0
[root@ovhost ~]#
```

Thank you!
