
Subject: Network problem:I cant't ping the VE from HN
Posted by [presidentccj](#) on Sat, 28 Feb 2009 08:56:30 GMT
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Hey,there.I'm a very beginnger of OpenVZ.
Here's what I've done.

```
# sysctl -p
net.ipv4.conf.default.rp_filter = 1
net.ipv4.conf.all.rp_filter = 1
net.ipv4.ip_forward = 1
net.ipv4.conf.all.secure_redirects = 1
net.ipv4.conf.all.send_redirects = 0
```

building a gentoo container

```
#cd /var/lib/vz/template/cache
#wget http://download.openvz.org/contrib/template/precreated/gento
o-openvz-x86-2008.11.30.tar.gz
```

```
#vzctl create 101 --ostemplate gentoo-openvz-x86-2008.11.30
#vzctl set 101 --onboot yes --save
#vzctl set 101 --ipadd 192.168.1.109 --save
# vzctl set 101 --numothersock 120 --save
#vzctl set 101 --nameserver 202.106.0.20 --save
```

```
# uname -a
Linux debian 2.6.18-openvz-18-53.5d3-686 #1 SMP Sun Jan 11 01:09:09 CET 2009 i686
GNU/Linux
```

```
#ifconfig
eth0    Link encap:Ethernet  HWaddr 00:19:21:2a:0e:bb
        inet addr:192.168.1.111  Bcast:192.168.1.255  Mask:255.255.255.0
        UP BROADCAST RUNNING MULTICAST  MTU:576  Metric:1
        RX packets:35898 errors:0 dropped:0 overruns:0 frame:0
        TX packets:51093 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:1000
        RX bytes:12670935 (12.0 MiB)  TX bytes:5374001 (5.1 MiB)
        Interrupt:217 Base address:0x4000

lo      Link encap:Local Loopback
        inet addr:127.0.0.1  Mask:255.0.0.0
        inet6 addr: ::1/128 Scope:Host
        UP LOOPBACK RUNNING  MTU:16436  Metric:1
        RX packets:5184 errors:0 dropped:0 overruns:0 frame:0
```

TX packets:5184 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:292199 (285.3 KiB) TX bytes:292199 (285.3 KiB)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
UP BROADCAST POINTOPOINT RUNNING NOARP 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)

vzlist

CTID	NPROC	STATUS	IP_ADDR	HOSTNAME
101	2	running	192.168.1.109	gentoo

j# ping 192.168.1.109

PING 192.168.1.109 (192.168.1.109) 56(84) bytes of data.

--- 192.168.1.109 ping statistics ---

8 packets transmitted, 0 received, 100% packet loss, time 6999ms

=====

So,I can't ping 192.168.1.109,why?

Regards.

Subject: Re: Network problem:I can't ping the VE from HN

Posted by [maratrus](#) on Fri, 06 Mar 2009 10:29:29 GMT

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Hi,

please show:

- ip r l (from the HN and from inside the VE)
- arp -n (from the HN)
- check firewall rules

please run tcpdump to clarify such behavior.

When pingging your VE from HN run tcpdump on venet0 interface on the HN and on venet0

interface inside VE.
