
Subject: Re: DNS lookup not working inside the VPS
Posted by [bfullmer](#) on Thu, 19 Apr 2007 15:01:50 GMT
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NODE:

```
[root@ut-ve0001 ~]# /sbin/iptables -L -nv
```

Chain INPUT (policy ACCEPT 79722 packets, 110M bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
------	-------	--------	------	-----	----	-----	--------	-------------

Chain FORWARD (policy ACCEPT 3114 packets, 364K bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
------	-------	--------	------	-----	----	-----	--------	-------------

Chain OUTPUT (policy ACCEPT 44684 packets, 3034K bytes)

pkts	bytes	target	prot	opt	in	out	source	destination
------	-------	--------	------	-----	----	-----	--------	-------------

```
[root@ut-ve0001 ~]# /sbin/iptables -t nat -L -nv
```

-bash: /sbin/iptables: No such file or directory

```
[root@ut-ve0001 ~]# /sbin/ip a l
```

2: lo: <LOOPBACK,UP,10000> 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 scope host lo

inet6 ::1/128 scope host

valid_lft forever preferred_lft forever

4: eth0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000

link/ether 00:20:ed:05:58:2a brd ff:ff:ff:ff:ff:ff

inet 192.168.15.201/24 brd 192.168.15.255 scope global eth0

6: eth1: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000

link/ether 00:20:ed:05:58:2b brd ff:ff:ff:ff:ff:ff

inet 209.41.77.226/28 brd 209.41.77.239 scope global eth1

inet6 fe80::220:edff:fe05:582b/64 scope link

valid_lft forever preferred_lft forever

8: sit0: <NOARP> mtu 1480 qdisc noop

link/sit 0.0.0.0 brd 0.0.0.0

1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,10000> mtu 1500 qdisc noqueue

link/void

```
[root@ut-ve0001 ~]# /sbin/ip r l
```

209.41.77.236 dev venet0 scope link src 209.41.77.226

209.41.77.224/28 dev eth1 proto kernel scope link src 209.41.77.226

192.168.15.0/24 dev eth0 proto kernel scope link src 192.168.15.201

169.254.0.0/16 dev eth1 scope link

default via 209.41.77.225 dev eth1

```
[root@ut-ve0001 ~]#
```

inside VE 1010

```
[root@ut-ve0001 ~]# vzctl enter 1010
```

entered into VE 1010

```
[root@vps1010 /]# ping yahoo.com
```

ping: unknown host yahoo.com

```

[root@vps1010 /]# exit
logout
exited from VE 1010
[root@ut-ve0001 ~]# /sbin/iptables -L -nv
Chain INPUT (policy ACCEPT 79722 packets, 110M bytes)
  pkts bytes target    prot opt in     out     source            destination

Chain FORWARD (policy ACCEPT 3114 packets, 364K bytes)
  pkts bytes target    prot opt in     out     source            destination

Chain OUTPUT (policy ACCEPT 44684 packets, 3034K bytes)
  pkts bytes target    prot opt in     out     source            destination
[root@ut-ve0001 ~]# /sbin/iptables -t nat -L -nv
-bash: /sbin/iptables: No such file or directory
[root@ut-ve0001 ~]# /sbin/ip a l
2: lo: <LOOPBACK,UP,10000> 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 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
4: eth0: <NO-CARRIER,BROADCAST,MULTICAST,UP> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:20:ed:05:58:2a brd ff:ff:ff:ff:ff:ff
    inet 192.168.15.201/24 brd 192.168.15.255 scope global eth0
6: eth1: <BROADCAST,MULTICAST,UP,10000> mtu 1500 qdisc pfifo_fast qlen 1000
    link/ether 00:20:ed:05:58:2b brd ff:ff:ff:ff:ff:ff
    inet 209.41.77.226/28 brd 209.41.77.239 scope global eth1
    inet6 fe80::220:edff:fe05:582b/64 scope link
        valid_lft forever preferred_lft forever
8: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
1: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,10000> mtu 1500 qdisc noqueue
    link/void
[root@ut-ve0001 ~]# /sbin/ip r l
209.41.77.236 dev venet0 scope link src 209.41.77.226
209.41.77.224/28 dev eth1 proto kernel scope link src 209.41.77.226
192.168.15.0/24 dev eth0 proto kernel scope link src 192.168.15.201
169.254.0.0/16 dev eth1 scope link
default via 209.41.77.225 dev eth1
[root@ut-ve0001 ~]#
[root@ut-ve0001 ~]# vzctl enter 1010
entered into VE 1010
[root@vps1010 /]# /sbin/iptables -L -nv
Chain INPUT (policy ACCEPT 1489 packets, 135K bytes)
  pkts bytes target    prot opt in     out     source            destination

Chain FORWARD (policy ACCEPT 0 packets, 0 bytes)
  pkts bytes target    prot opt in     out     source            destination

```

```

Chain OUTPUT (policy ACCEPT 1559 packets, 225K bytes)
  pkts bytes target    prot opt in     out     source            destination
[root@vps1010 /]# /sbin/iptables -t nat -L -nv
-bash: /sbin/iptables: No such file or directory
[root@vps1010 /]# /sbin/ip a l
1: lo: <LOOPBACK,UP,10000> 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 scope host lo
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
3: venet0: <BROADCAST,POINTOPOINT,NOARP,UP,10000> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
    inet 209.41.77.236/32 brd 209.41.77.236 scope global venet0:0
[root@vps1010 /]# /sbin/ip r l
192.0.2.0/24 dev venet0  scope host
169.254.0.0/16 dev venet0  scope link
default via 192.0.2.1 dev venet0
[root@vps1010 /]#

/bin/ping 216.194.124.21
PING 216.194.124.21 (216.194.124.21) 56(84) bytes of data.
64 bytes from 216.194.124.21: icmp_seq=1 ttl=63 time=1.62 ms
64 bytes from 216.194.124.21: icmp_seq=2 ttl=63 time=0.428 ms

--- 216.194.124.21 ping statistics ---
2 packets transmitted, 2 received, 0% packet loss, time 1000ms
rtt min/avg/max/mdev = 0.428/1.028/1.628/0.600 ms
[root@ut-ve0001 ~]# vzlist
   VEID   NPROC STATUS IP_ADDR   HOSTNAME
   1010    17 running 209.41.77.236 vps1010.tele-bridge.net
[root@ut-ve0001 ~]# vzctl enter 1010
entered into VE 1010
[root@vps1010 /]# /bin/ping 216.194.124.21
PING 216.194.124.21 (216.194.124.21) 56(84) bytes of data.
64 bytes from 216.194.124.21: icmp_seq=1 ttl=62 time=1.61 ms
64 bytes from 216.194.124.21: icmp_seq=2 ttl=62 time=0.408 ms
64 bytes from 216.194.124.21: icmp_seq=3 ttl=62 time=0.499 ms

--- 216.194.124.21 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2000ms
rtt min/avg/max/mdev = 0.408/0.841/1.616/0.549 ms
[root@vps1010 /]#

[root@vps1010 /]# cat /etc/resolv.conf
nameserver 216.194.124.21

[root@vps1010 /]# ping yahoo.com

```

ping: unknown host yahoo.com

It should work! I can't figure out what is going on.