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Subject: Re: Can't resolve host address within container [SOLVED]

Posted by [plotinus](#) on Sat, 11 Jun 2011 13:22:01 GMT

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Hi all,

First of all, I apologize for my poor english

I am a total newbie and I am desperated.

I've installed openVZ in a centOS 5.6, I can work with containers but i can't resolve any internet address within containers.

I just can ping, but when I make a wget, I always receive a wget: unable to resolve host address "google.com" message.

I've read lots of forums and messages, but I've found no solution. I'm not an expert in linux, nor networks.

I create the containers as follows:

```
vzctl create 101 --ostemplate fedora-14-x86_64  
vzctl set 101 --ipadd 192.168.1.101  
vzctl set 101 --nameserver 62.14.4.64 --nameserver 62.14.4.65
```

My /etc/sysctl.conf file:

```
# Kernel sysctl configuration file for Red Hat Linux  
#  
# For binary values, 0 is disabled, 1 is enabled. See sysctl(8) and  
# sysctl.conf(5) for more details.  
  
# Controls IP packet forwarding  
net.ipv4.ip_forward = 1  
  
net.ipv4.conf.default.forwarding = 1  
  
net.ipv4.conf.all.forwarding = 1  
  
net.ipv4.conf.default.proxy_arp = 0  
  
# Controls source route verification  
net.ipv4.conf.default.rp_filter = 1  
net.ipv4.conf.all.rp_filter = 1  
  
# Do not accept source routing  
net.ipv4.conf.default.accept_source_route = 0  
  
net.ipv4.conf.default.send_redirects = 1  
  
net.ipv4.conf.all.send_redirects = 0  
  
# Controls the System Request debugging functionality of the kernel
```

```

kernel.sysrq = 1

# Controls whether core dumps will append the PID to the core filename
# Useful for debugging multi-threaded applications
kernel.core_uses_pid = 1

# Controls the use of TCP syncookies
net.ipv4.tcp_synccookies = 1

# Controls the maximum size of a message, in bytes
kernel.msgmnb = 65536

# Controls the default maximum size of a message queue
kernel.msgmax = 65536

# Controls the maximum shared segment size, in bytes
kernel.shmmmax = 68719476736

# Controls the maximum number of shared memory segments, in pages
kernel.shmall = 4294967296

```

My /etc/resolv.conf file:

```

nameserver 62.14.4.64
nameserver 62.14.4.65

```

```

Result of ifconfig:eth0    Link encap:Ethernet HWaddr 00:1E:90:E5:B8:22
                          inet addr:192.168.1.12 Bcast:192.168.1.255 Mask:255.255.255.0
                          inet6 addr: fe80::21e:90ff:fee5:b822/64 Scope:Link
                          UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
                          RX packets:449 errors:0 dropped:0 overruns:0 frame:0
                          TX packets:311 errors:0 dropped:0 overruns:0 carrier:0
                          collisions:0 txqueuelen:1000
                          RX bytes:45496 (44.4 KiB) TX bytes:65981 (64.4 KiB)
                          Interrupt:233 Base address:0xc000

```

```

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:8 errors:0 dropped:0 overruns:0 frame:0
      TX packets:8 errors:0 dropped:0 overruns:0 carrier:0
      collisions:0 txqueuelen:0
      RX bytes:560 (560.0 b) TX bytes:560 (560.0 b)

```

```

venet0   Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00

```

```
inet6 addr: fe80::1/128 Scope:Link  
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)  
  
virbr0 Link encap:Ethernet HWaddr 00:00:00:00:00:00  
inet addr:192.168.122.1 Bcast:192.168.122.255 Mask:255.255.255.0  
inet6 addr: fe80::200:ff:fe00:0/64 Scope:Link  
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1  
RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
TX packets:39 errors:0 dropped:0 overruns:0 carrier:0  
collisions:0 txqueuelen:0  
RX bytes:0 (0.0 b) TX bytes:6913 (6.7 KiB)
```

Please can anyone help me? I don't know what can I do, I'm testing and changing without direction.

Thanks for your interest!

Added:

I tested:

ifconfig venet0 192.168.1.102 netmask 255.255.255.0 broadcast 192.168.1.255 and container 102 wgot web pages!

Only for the first time... never more!

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