
Subject: Child can ping parent but can't access internet
Posted by [PeterPetrelli](#) on Tue, 16 Jun 2009 08:11:31 GMT
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On my parent host I can properly access the internet; ping and visit websites. However, the child is able to ping the parent but it can't access the internet. Any idea's?

ifconfig output on the child:

```
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: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)

venet0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:127.0.0.1  P-t-P:127.0.0.1  Bcast:0.0.0.0  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0
        TX packets:58 errors:0 dropped:0 overruns:0 carrier:0
        collisions:0 txqueuelen:0
        RX bytes:0 (0.0 b)  TX bytes:2900 (2.8 KiB)

venet0:0  Link encap:UNSPEC  HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
        inet addr:192.168.0.128  P-t-P:192.168.0.128  Bcast:192.168.0.128  Mask:255.255.255.255
        UP BROADCAST POINTOPOINT RUNNING NOARP  MTU:1500  Metric:1
```

This is the ifconfig output on the parent:

```
[root@localhost ~]# ifconfig
eth0    Link encap:Ethernet  HWaddr 00:03:FF:85:2A:01
        inet addr:192.168.1.2  Bcast:192.168.1.255  Mask:255.255.255.0
        inet6 addr: fe80::203:ffff:fe85:2a01/64 Scope:Link
        UP BROADCAST RUNNING MULTICAST  MTU:1500  Metric:1
        RX packets:2631 errors:5 dropped:0 overruns:0 frame:0
        TX packets:2923 errors:1 dropped:0 overruns:1 carrier:1
        collisions:0 txqueuelen:1000
        RX bytes:365055 (356.4 KiB)  TX bytes:2238525 (2.1 MiB)
        Interrupt:11 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:62691 errors:0 dropped:0 overruns:0 frame:0
        TX packets:62691 errors:0 dropped:0 overruns:0 carrier:0
```

collisions:0 txqueuelen:0
RX bytes:5987491 (5.7 MiB) TX bytes:5987491 (5.7 MiB)

Some kernel information on the parent host:

Linux localhost.localdomain 2.6.18-92.el5 #1 SMP Tue Jun 10 18:49:47 EDT 2008 i686 i686 i386
GNU/Linux

Ping result on parent host:

[root@localhost ~]# ping -c 3 google.nl

PING google.nl (74.125.77.104) 56(84) bytes of data.

64 bytes from ew-in-f104.google.com (74.125.77.104): icmp_seq=1 ttl=55 time=15.9 ms

64 bytes from ew-in-f104.google.com (74.125.77.104): icmp_seq=2 ttl=55 time=3.76 ms

64 bytes from ew-in-f104.google.com (74.125.77.104): icmp_seq=3 ttl=55 time=17.1 ms

--- google.nl ping statistics ---

3 packets transmitted, 3 received, 0% packet loss, time 24399ms rtt min/avg/max/mdev =
3.764/12.283/17.186/6.047 ms

Subject: Re: Child can ping parent but can't access internet

Posted by [kir](#) on Tue, 16 Jun 2009 11:55:13 GMT

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Do you have IP forwarding enabled?

Subject: Re: Child can ping parent but can't access internet

Posted by [maratrus](#) on Tue, 16 Jun 2009 12:26:56 GMT

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Hello,

there are plenty of questions devoted this problem.

It's a good idea searching through the forum because there is a big chance that you will be able to find out the reason of your problem.

Please, reread our wiki article

<http://wiki.openvz.org/Venet>

Perhaps, sysctl parameters are not set properly.

ifconfig output from the HN looks strange because venet0 interface should be set up to work properly. Service 'vz' sets it up so you may restart 'vz' service.

'uname -a' output looks more strange because OpenVZ kernels are not the pure RHEL5 kernel to which probably the provided output indicates.

A very helpful utility is 'tcpdump'. Try to ping anything from inside the VE and at the same moment run tcpdump utility on venet0 and eth0 interfaces (inside Ve and on the HN).
