
Subject: venet bridge dont work[CentOS]

Posted by [alxumuk](#) on Tue, 02 Oct 2007 12:37:25 GMT

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[root@router1 ~]# vzlist

VEID	NPROC	STATUS	IP_ADDR	HOSTNAME
160	16	running	101.router.net	
170	16	running	45.172.234.198	102.router.net

[root@router1 template]# ifconfig

br0 Link encap:Ethernet HWaddr 00:07:E9:09:E1:F7
 inet addr:45.172.234.38 Bcast:45.172.234.255 Mask:255.255.255.0
 inet6 addr: fe80::207:e9ff:fe09:e1f7/64 Scope:Link
 UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
 RX packets:1476173 errors:0 dropped:0 overruns:0 frame:0
 TX packets:960941 errors:0 dropped:0 overruns:0 carrier:0
 collisions:0 txqueuelen:0
 RX bytes:1021577455 (974.2 MiB) TX bytes:90374111 (86.1 MiB)

eth0 Link encap:Ethernet HWaddr 00:07:E9:09:E1:F7
 inet6 addr: fe80::207:e9ff:fe09:e1f7/64 Scope:Link
 UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
 RX packets:1526072 errors:0 dropped:0 overruns:0 frame:0
 TX packets:962470 errors:0 dropped:0 overruns:0 carrier:0
 collisions:0 txqueuelen:100
 RX bytes:1054719846 (1005.8 MiB) TX bytes:94427316 (90.0 MiB)
 Base address:0xa000 Memory:f4020000-f4040000

eth1 Link encap:Ethernet HWaddr 00:00:6C:B9:C7:73
 inet6 addr: fe80::200:6cff:feb9:c773/64 Scope:Link
 UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
 RX packets:31982 errors:0 dropped:0 overruns:0 frame:0
 TX packets:34 errors:0 dropped:0 overruns:0 carrier:0
 collisions:0 txqueuelen:1000
 RX bytes:2876150 (2.7 MiB) TX bytes:7431 (7.2 KiB)
 Interrupt:15 Base address:0x2000

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:24296 errors:0 dropped:0 overruns:0 frame:0
 TX packets:24296 errors:0 dropped:0 overruns:0 carrier:0
 collisions:0 txqueuelen:0
 RX bytes:3625936 (3.4 MiB) TX bytes:3625936 (3.4 MiB)

venet0 Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00
 UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1
 RX packets:3728 errors:0 dropped:0 overruns:0 frame:0

TX packets:5837 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:331038 (323.2 KiB) TX bytes:320841 (313.3 KiB)

veth160.0 Link encap:Ethernet HWaddr 00:18:51:08:37:32
inet6 addr: fe80::218:51ff:fe08:3732/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:4177 errors:0 dropped:0 overruns:0 frame:0
TX packets:219167 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:117180 (114.4 KiB) TX bytes:10437243 (9.9 MiB)

[root@router1 template]# brctl show

bridge name	bridge id	STP enabled	interfaces
br0	8000.0007e909e1f7	no	veth160.0 eth0

[root@router1 template]# ip route

45.172.234.197 dev br0 scope link
45.172.234.198 dev venet0 scope link
45.172.234.0/24 dev br0 proto kernel scope link src 45.172.234.38
169.254.0.0/16 dev br0 scope link
default via 45.172.234.1 dev br0

[root@router1 template]#

[root@router1 template]# vzctl enter 160

entered into VE 160

[root@101 /]# ifconfig

eth0 Link encap:Ethernet HWaddr 00:18:51:16:9F:83
inet addr:45.172.234.197 Bcast:0.0.0.0 Mask:255.255.255.0
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:219308 errors:0 dropped:0 overruns:0 frame:0
TX packets:4177 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:10443807 (9.9 MiB) TX bytes:117180 (114.4 KiB)

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: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)

```
[root@101 /]# ip route
192.0.2.0/24 dev venet0 scope host
45.172.234.0/24 dev eth0 proto kernel scope link src 45.172.234.197
169.254.0.0/16 dev venet0 scope link
default via 45.172.234.1 dev eth0
[root@101 /]# ping 87.250.251.8
PING 87.250.251.8 (87.250.251. 56(84) bytes of data.
From 82.144.221.197 icmp_seq=1 Destination Host Unreachable
From 82.144.221.197 icmp_seq=2 Destination Host Unreachable
From 82.144.221.197 icmp_seq=3 Destination Host Unreachable

--- 87.250.251.8 ping statistics ---
39 packets transmitted, 0 received, +27 errors, 100% packet loss, time 37993ms
, pipe 4
[root@101 /]# traceroute 87.250.251.8
traceroute to 87.250.251.8 (87.250.251., 30 hops max, 38 byte packets
 1 82.144.221.197 (82.144.221.197) 3000.325 ms !H 3001.092 ms !H 3001.127 ms !H
[root@101 /]#
```

Subject: Re: venet bridge dont work[CentOS]
Posted by [tomfra](#) on Tue, 02 Oct 2007 13:25:05 GMT
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Do you use iptables? I had a similar problem and had to add some iptables rules to allow traffic forwarding from venet0 to eth0 because by default I had the FORWARD policy set to DROP. My hardware node is running on CentOS 5 x86_64.

Take a look at <http://forum.lxlabs.com/index.php?t=msg&goto=13353> . The fact I am using CSF should not really matter as CSF is using iptables anyway.

Tomas
