
Subject: Re: Using multicast in virtual servers
Posted by [Peter Hinse](#) on Wed, 26 Sep 2007 09:00:03 GMT
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Vitaliy Gusev wrote:

> Please, print output for ssmping in VE (which doesn't work), route for VE0,
> brctl show for VE0, ifconfig for VE0.

ssmping output in VE:

pinging S from 192.168.198.142

```
unicast from 192.168.198.132, seq=1 dist=1 time=2627.063 ms
unicast from 192.168.198.132, seq=2 dist=1 time=1626.828 ms
unicast from 192.168.198.132, seq=3 dist=1 time=626.718 ms
unicast from 192.168.198.132, seq=4 dist=1 time=0.100 ms
unicast from 192.168.198.132, seq=5 dist=1 time=0.101 ms
unicast from 192.168.198.132, seq=6 dist=1 time=0.150 ms
```

--- 192.168.198.132 statistics ---

6 packets transmitted, time 5372 ms

unicast:

6 packets received, 0% packet loss

rtt min/avg/max/std-dev = 0.100/813.493/2627.063/997.511 ms

multicast:

0 packets received, 100% packet loss

route for VE0:

Kernel IP routing table

Destination	Gateway	Genmask	Flags	Metric	Ref	Use
192.168.198.141	0.0.0.0	255.255.255.255	UH	0	0	0
veth1981410						
192.168.198.142	0.0.0.0	255.255.255.255	UH	0	0	0
veth1981420						
195.x.x.x	0.0.0.0	255.255.255.255	UH	0	0	0
veth1981411						
195.x.x.x	0.0.0.0	255.255.255.224	U	0	0	0 eth0
192.168.198.0	0.0.0.0	255.255.255.0	U	0	0	0 eth0
169.254.0.0	0.0.0.0	255.255.0.0	U	0	0	0 eth0
224.0.0.0	0.0.0.0	240.0.0.0	U	0	0	0 eth0
0.0.0.0	195.x.x.x	0.0.0.0	UG	0	0	0 eth0

ifconfig for VE0:

```
eth0    Link encap:Ethernet HWaddr 00:1A:64:32:0A:F8
        inet addr:192.168.198.54 Bcast:192.168.198.255
```

Mask:255.255.255.0

inet6 addr: fe80::21a:64ff:fe32:af8/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:19330162 errors:0 dropped:0 overruns:0 frame:0
TX packets:3542937 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:1000
RX bytes:4931551683 (4.5 GiB) TX bytes:1232779800 (1.1 GiB)
Interrupt:98 Memory:da000000-da011100

eth0:1 Link encap:Ethernet HWaddr 00:1A:64:32:0A:F8
inet addr:195.x.x.x Bcast:195.x.x.x Mask:255.255.255.224
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
Interrupt:98 Memory:da000000-da011100

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:788 errors:0 dropped:0 overruns:0 frame:0
TX packets:788 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:246284 (240.5 KiB) TX bytes:246284 (240.5 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)

veth1981410 Link encap:Ethernet HWaddr 00:0C:29:91:B1:81
inet6 addr: fe80::20c:29ff:fe91:b181/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:345225 errors:0 dropped:0 overruns:0 frame:0
TX packets:379368 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:221623267 (211.3 MiB) TX bytes:349531019 (333.3 MiB)

veth1981411 Link encap:Ethernet HWaddr 00:0C:29:91:B1:83
inet6 addr: fe80::20c:29ff:fe91:b183/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:558932 errors:0 dropped:0 overruns:0 frame:0
TX packets:696100 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:75514675 (72.0 MiB) TX bytes:432185018 (412.1 MiB)

veth1981420 Link encap:Ethernet HWaddr 00:0C:29:F7:A0:88

inet6 addr: fe80::20c:29ff:fe7:a088/64 Scope:Link
UP BROADCAST RUNNING MULTICAST MTU:1500 Metric:1
RX packets:4101690 errors:0 dropped:0 overruns:0 frame:0
TX packets:3166888 errors:0 dropped:0 overruns:0 carrier:0
collisions:0 txqueuelen:0
RX bytes:1071935233 (1022.2 MiB) TX bytes:3124980969 (2.9 GiB)

No bridging used right now.
