
Subject: Multicast Question

Posted by [bagger](#) on Tue, 15 Apr 2008 11:22:20 GMT

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Hello everybody!

I would like to receive multicast stream on my VPS, located on my HN. Multicast is streamed from another server.

HN receives multicast perfectly, but VPS doesn't seems get multicast at all.

My configuration:

Kernel: kernel-2.6.18-ovz028stab053.5

Guest Os: opensuse-10-i386-default

I'm trying to receive multicast from VEID 103.

Vlan607 contains source of multicast stream.

I added veth103 interface to VE103 and assigned ip

##.96.83/29

gateway is ##.96.81.

After that i assigned ip ##.96.84/29 to br2 interface, as described in

<http://forum.openvz.org/index.php?t=msg&goto=26577&post>

HN:

ip addr

.....

2: lo: <LOOPBACK,UP,LOWER_UP> 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

6: eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast qlen 1000

link/ether 00:15:60:a8:ca:48 brd ff:ff:ff:ff:ff:ff

inet6 fe80::215:60ff:fea8:ca48/64 scope link

valid_lft forever preferred_lft forever

14: vlan607@eth0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue

link/ether 00:15:60:a8:ca:48 brd ff:ff:ff:ff:ff:ff

inet6 fe80::215:60ff:fea8:ca48/64 scope link

valid_lft forever preferred_lft forever

5: veth103.0: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue

link/ether d0:d0:d0:02:67:01 brd ff:ff:ff:ff:ff:ff

inet6 fe80::d2d0:d0ff:fe02:6701/64 scope link

valid_lft forever preferred_lft forever

....

20: br2: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue

link/ether 00:15:60:a8:ca:48 brd ff:ff:ff:ff:ff:ff

```
inet #.96.84/29 scope global br2
inet6 fe80::215:60ff:fea8:ca48/64 scope link
valid_lft forever preferred_lft forever
```

```
# brctl show
```

```
br2          8000.001560a8ca48      no          vlan607
                                veth103.0
```

```
VE 103:
```

```
# vzctl enter 103
```

```
vps103# ip addr
```

```
1: lo: <LOOPBACK,UP,LOWER_UP> 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,LOWER_UP> mtu 1500 qdisc noqueue
    link/void
    inet 127.0.0.1/32 scope host venet0
```

```
5: eth10: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc noqueue
    link/ether d0:d0:d0:01:67:01 brd ff:ff:ff:ff:ff:ff
    inet #.96.83/29 brd #.96.87 scope global eth10
    inet6 fe80::d2d0:d0ff:fe01:6701/64 scope link
        valid_lft forever preferred_lft forever
```

Many thanks for help!

Subject: Re: Multicast Question

Posted by [seanfulton](#) on Fri, 18 Apr 2008 13:52:58 GMT

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Dude, I don't think anyone runs multicast inside a VE. I've posted three or four times looking for help doing dynamic routing inside a VE with Quagga (and multicast routing) but gotten zero responses.

I don't see much point in using VETH if you can't get things like routing and streaming to work.

Don't get me wrong, OpenVZ is a great product. But not being able to dynamically announce a route to an IP within the VE is a serious road-block for me, and I can't understand why requests like this don't seem to generate any response. The only thing I can surmise is that no one is doing it.

Guys, anybody? Pleeeeeeaaase ?? Pretty please ???

sean
