
Subject: Re: IPv6 again but this time with veth
Posted by [Jan Tomasek](#) on Fri, 29 Jun 2007 10:45:11 GMT
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Vitaliy Gusev wrote:

> You added veth012.0 device to the bridge br0. How about eth0 ?
>

It wasn't there. After adding it I finally could yell "IT WORKS!" but just for while. :(In few minutes it stopped working on IPv4 (v6 is still fine). I discovered that problem is in arp (my GW is .233.1):

```
> staj-dev:~# arp -n
> Address          HWtype  HWaddress      Flags Mask    Iface
> 195.113.233.224   (incomplete)                  eth0
> 195.113.233.12    ether    00:0C:29:63:A6:73  C          vzbr0
> 195.113.233.254   (incomplete)                  eth0
> 195.113.233.92    (incomplete)                  eth0
> 195.113.233.193   (incomplete)                  eth0
> 195.113.233.99    ether    00:0C:29:6D:67:1A  C          vzbr0
> 195.113.233.99    (incomplete)                  eth0
> 195.113.233.36    (incomplete)                  eth0
> 195.113.233.254   ether    00:13:72:39:61:AA  C          vzbr0
> 195.113.233.2     (incomplete)                  eth0
> 195.113.233.1     (incomplete)                  eth0
> 195.113.233.245   (incomplete)                  eth0
> 195.113.233.246   (incomplete)                  eth0
```

```
staj-dev:~# arp -s 195.113.233.1 00:15:FA:87:31:0
```

```
> Address          HWtype  HWaddress      Flags Mask    Iface
> 195.113.233.91    (incomplete)                  eth0
> 195.113.233.246   (incomplete)                  eth0
> 195.113.233.34    (incomplete)                  eth0
> 195.113.233.12    ether    00:0C:29:63:A6:73  C          vzbr0
> 195.113.233.74    (incomplete)                  eth0
> 195.113.233.1     ether    00:15:FA:87:31:00  CM         eth0
```

fixes problem. But that is really ugly hack, this way I have to add static arp records for every host in network 195.113.233.0/24 outside of this HW node. That is not good way.

Any idea why ARP (and IPv4) stop work? Command I do execute are:

```
brctl addbr vzbr0
ifconfig vzbr0 0
echo 1 > /proc/sys/net/ipv4/conf/vzbr0/forwarding
echo 1 > /proc/sys/net/ipv4/conf/vzbr0/proxy_arp
```

```
brctl addif vzbr0 veth012.0  
brctl addif vzbr0 eth0  
ip route add 195.113.233.12 dev vzbr0
```

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