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Subject: Re: IPv6 with venet

Posted by [gblond](#) on Mon, 09 Jul 2007 15:16:57 GMT

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Please check /proc/sys/net/ipv6/conf/all/forwarding

On the Monday 09 July 2007 17:40 Jan Tomasek, wrote:

> Hi,  
>  
> after upgrade to vzctl version 3.0.18-1dso1 I got new set of  
> /etc/vz/dists/scripts/. There were changes in IPv6 code for Debian.  
>  
> Thanks to those changes now IPv6 works between HW node and VE:  
>  
> > staj-dev:~# ping6 2001:718:1:e::23:3005  
> > PING 2001:718:1:e::23:3005(2001:718:1:e::23:3005) 56 data bytes  
> > 64 bytes from 2001:718:1:e::23:3005: icmp\_seq=1 ttl=64 time=0.068 ms  
>  
> Problem is that I still can not reach VE from outside (staff is box with  
> IPv6 support).  
>  
> > semik@staff:~\$ ping6 2001:718:1:e::23:3005  
> > PING 2001:718:1:e::23:3005(2001:718:1:e::23:3005) 56 data bytes  
>  
> ping does not show anything, it just hangs. In tcpdump on HW node I see:  
>  
> > 15:38:41.465836 802.1d unknown version  
> > 15:38:41.498548 IP6 staff.cesnet.cz > 2001:718:1:e::23:3005: ICMP6, echo request, seq 923,  
length 64  
> > 15:38:42.498349 IP6 staff.cesnet.cz > 2001:718:1:e::23:3005: ICMP6, echo request, seq 924,  
length 64  
> > 15:38:43.462572 802.1d unknown version  
> > 15:38:43.498152 IP6 staff.cesnet.cz > 2001:718:1:e::23:3005: ICMP6, echo request, seq 925,  
length 64  
> > 15:38:43.733136 arp who-has 195.113.233.73 tell 195.113.233.1  
> > 15:38:44.497951 IP6 staff.cesnet.cz > 2001:718:1:e::23:3005: ICMP6, echo request, seq 926,  
length 64  
> > 15:38:45.427653 IP6 fe80::215:faff:fe87:3100 > ip6-allnodes: ICMP6, router advertisement,  
length 64  
> > 15:38:45.462453 802.1d unknown version  
> > 15:38:45.497753 IP6 staff.cesnet.cz > 2001:718:1:e::23:3005: ICMP6, echo request, seq 927,  
length 64  
> > 15:38:46.497552 IP6 staff.cesnet.cz > 2001:718:1:e::23:3005: ICMP6, echo request, seq 928,  
length 64  
>  
> I was suspecting route problems but routes does look ok. VE:  
>  
> > root@ipv6-pokus:/# route -6

```

> > Kernel IPv6 routing table
> > Destination          Next Hop          Flags Metric Ref Use Iface
> > ::1/128              ::                U   0    1      1 lo
> > ::1/128              ::                U   0    0      1 lo
> > 2001:718:1:e::23:3005/128     ::                U   0    13     1 lo
> > 2001:718:1:101:20b:dbff:fe93:5c38/128 2001:718:1:101:20b:dbff:fe93:5c38  UC  0
101    0 venet0
> > fe80::/64             ::                U   256   0      0 venet0
> > ff00::/8              ::                U   256   0      0 venet0
> > ::/0                  ::                U   256   0      0 venet0
>
> HW node:
>
> > staj-dev:/proc/sys/net/ipv6/conf/venet0# route -6
> > Kernel IPv6 routing table
> > Destination          Next Hop          Flags Metric Ref Use Iface
> > ::1/128              ::                U   0    8      1 lo
> > 2001:718:1:e::23:3004/128     ::                U   0    926     1 lo
> > 2001:718:1:e::23:3005/128     ::                U  1024   0      0 venet0
> > 2001:718:1:e:213:72ff:fe1b:b97/128  ::                U   0    0      1 lo
> > 2001:718:1:e::/64            ::                U   256   302     0 eth0
> > fe80::1/128              ::                U   0    0      1 lo
> > fe80::213:72ff:fe1b:b97/128  ::                U   0    58      1 lo
> > fe80::/64                ::                U   256   0      0 eth0
> > fe80::/64                ::                U   256   0      0 venet0
> > ff02::1/128              ff02::1           UC  0    327     0 eth0
> > ff00::/8                 ::                U   256   0      0 eth0
> > ff00::/8                 ::                U   256   0      0 venet0
> > ::/0                     fe80::215:faff:fe87:3100 UGDA 1024  483     0 eth0
>
> Please, does anyone have any suggestions?
>

-- 
Vitaliy Gusev

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