
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:

>

> > stj-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 sugestions?

>

--

Vitaliy Gusev