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Subject: Re: Assign subnet to VM? Or increase routing table limits?

Posted by [lars.bailey](#) on Thu, 13 Jan 2011 08:32:28 GMT

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P.S

Replies here,are a rarity.

Its a shame actually.

Do not use VENET with IPv6,as there is a doc on the WIKI,that explains the issues with IPv6 and VENET.

My example from the link I gave you,uses virtual Ethernet.(VETH)

If you have never used virtual Ethernet,the VETH interface,is basically a VE's gateway.

Which means,a VE only requires a default route.

Using a firewall program like Shorewall,you can "zone" the VETH, and condition what parameters you allow the container,including traffic shaping.

I would also recommend that you download the subnetting tool I use.

ipv6gen.pl

Not only will it give you a proper subnetting schema,you will find out,just how many host IPv6 addresses exist,in a given prefix length.

To give an example of a /116;

FD22:A075:AFD0:E096:0000:0001:0000:1000/116

you would have IPv6 address range from;

FD22:A075:AFD0:E096:0000:0001:0000:1001/116

=>

FD22:A075:AFD0:E096:0000:0001:0000:1FFF/116

I think you will find you answer,in your subnetting schema.

Keep me posted.

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