Subject: Asterisk G.729 codec...
Posted by ugob on Tue, 12 Jun 2007 13:27:02 GMT

Hi,

I tried to install a G729 codec from Digium on my asterisk server that runs in a VE. It doesn't work because it needs a mac address to attach to.

Here is a suggestion from Digium:

  I have asked around, and we have a possible solution that may work. I believe the g729 codec only requires a nic with the name eth0. Can you possibly try to take a virtual ethernet device on your openvz machine and alias it to eth0?

Is that possible?

Subject: Re: Asterisk G.729 codec...
Posted by curx on Tue, 12 Jun 2007 15:49:51 GMT

Hi,

you can use a veth(ernet) device in your *-VE.

A veth(ernet) devices has a MAC address.

Add a veth(ernet) to VE:

vzctl set <VEID> --netif_add eth0[,<mac>,<host_ifname>,<host_mac] [--save]

See more at:
http://wiki.openvz.org/Differences_between_venet_and_veth
http://wiki.openvz.org/Virtual_Ethernet_device
man-pages of vzctl

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Tue, 12 Jun 2007 16:35:55 GMT

Will it replace my venet?

Subject: Re: Asterisk G.729 codec...

Posted by curx on Wed, 13 Jun 2007 09:33:27 GMT

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Hi Ugo,

> Will it replace my venet?

No, venet and (enabled) vethernet devices are both available in VE, but only the venet network config is setup.

You must enter the network settings for a veth-dev manually.

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Wed, 13 Jun 2007 11:21:02 GMT

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Ok

In the links you posted, we're told to do a

ifconfig eth0 0 on the VE

and

ifconfig veth101.0 0 on the HW node.

How do I configure it so that it does the equivalent at the startup of this VE?

Regards,

Ugo

Subject: Re: Asterisk G.729 codec...
Posted by Vasily Tarasov on Thu, 14 Jun 2007 10:04:51 GMT

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Read this http://wiki.openvz.org/Veth#Making_a_veth-device_persistent

HTH,
Vasily.

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Thu, 14 Jun 2007 19:51:44 GMT
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Do I have to disable my venet inferface in the VE and only use veth?

Subject: Re: Asterisk G.729 codec...
Posted by Vasily Tarasov on Fri, 15 Jun 2007 06:21:16 GMT
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Just do not assign any IP addresses using "vzctl set <veid> --ipadd <ip address>" to the VE in question. In this way, you _will_ still have venet0 device inside VE, but it _will_ _not_ operate.

HTH,
Vasily.

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Wed, 12 Sep 2007 12:09:26 GMT
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Would it be possible to do the opposite? Use the venet as is and have a veth that is doing nothing but providing a MAC address to meet the licensing requirement for the codec?

Honestly, I find it terribly hard to configure a veth, and I can't spend much time trying to fiddle with that, it is a telephony server...

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Fri, 05 Oct 2007 16:39:08 GMT
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Could anyone help me out? I've tried my best and I'd really like to be able to use the codecs in a VE.

Thanks,

Ugo

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Tue, 16 Oct 2007 12:59:52 GMT
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Looks like all I needed to get a dummy veth device is

vzctl set $VEID --netif_add eth0 --save

Using this, I have a veth0 device with a MAC address, but it it not used and only shows with the '-a' option of ifconfig.

This way, I can keep my venet and its simplicity, and still have a MAC address to register my codec.

I'll try to register my G.729 Codec now.

Thanks,

Ugo

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Tue, 16 Oct 2007 13:08:54 GMT
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Success! Thanks to finist and digium for their help and patience!

Regards,

Ugo

Subject: Re: Asterisk G.729 codec...
Posted by bobot23 on Tue, 23 Oct 2012 23:30:55 GMT
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Hi,

I did the same thing but I am getting the error below.. I am new in OpenVZ.. any help would be appreciated.

Bad CT ID --netif_add

Regards

Alvin

Subject: Re: Asterisk G.729 codec...
Posted by ugob on Wed, 24 Oct 2012 17:40:35 GMT
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What is the exact command line that you used? Don't forget that you must substitute $VEID for the ID of the container you want to configure.