Subject: How to change MTU for venet?
Posted by eclipser on Mon, 29 Jun 2009 14:17:52 GMT
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Hi,

I tried the http://openvz.org/pipermail/users/2008-December/002545.html way but it doesn't work, unfortunately.

I need venet inside VEs being set to use an MTU of 9000. I presume that therefore the hosts' venet MTU also has to be set to 9000?

Unfortunately, I don't get it right. For veth, I got it, but I'd like to have the higher security and less overhead that venet provides.

Thanks & best regards,

Timo

vzyum-2.4.0-11
ovzkernel-2.6.18-128.1.1.el5.028stab062.3
vzpkg-2.7.0-18
vzctl-lib-3.0.23-1
vzrpm43-python-4.3.3-7_nonptl.6
vzquota-3.0.12-1
vzrpm44-4.4.1-22.5
vzrpm44-python-4.4.1-22.5
vzctl-lib-3.0.23-1
vzctl-3.0.23-1

Subject: Re: How to change MTU for venet?
Posted by maratrus on Tue, 30 Jun 2009 10:01:01 GMT
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Hello,

could you please describe in more detail what you have done already, what has been changed and what was the actual result?

Subject: Re: How to change MTU for venet?
Posted by eclipser on Tue, 30 Jun 2009 10:30:19 GMT
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Hi,

I did set ``MTU=9000'' in

/etc/sysconfig/network-scripts/ifcfg-venet0

but it's being ignored at boot time. When I set it manually using ``ifconfig venet0 mtu 9000'' it is set to MTU: 9000 and works okay (AFAICS).

Inside the VE I configured /etc/sysconfig/network-scripts/ifup-eth 'the hard way' (just for testing):

```
--- ifup-eth_ORIG       2009-06-30 14:44:00.000000000 +0400
+++ ifup-eth    2009-06-30 13:23:31.000000000 +0400
@@ -155,9 +155,11 @@
     done
 fi

-if [ -n "${MTU}" ]; then
-   ip link set dev ${DEVICE} mtu ${MTU}
-fi
+# if [ -n "${MTU}" ]; then
+   # ip link set dev ${DEVICE} mtu ${MTU}
+# fi
+# 200906230 by tis
+ip link set dev ${DEVICE} mtu 9000

 if [ -n "${DYNCONFIG}" -a -x /sbin/dhclient ]; then
     # Remove any temporary references which were previously added to dhclient config
```

and it works -- when rebooting the VE, it comes up with venet0 set to MTU 9000.

Subject: Re: How to change MTU for venet?
Posted by maratrus on Tue, 30 Jun 2009 11:09:29 GMT
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The link mentined above recommends to change /etc/vz/dists/scripts/redhat-add_ip.sh

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Subject: Re: How to change MTU for venet?
Posted by eclipser on Tue, 30 Jun 2009 11:50:32 GMT
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Yes, but it doesn't work. Changing this file was the first thing I tried.

Best,

Timo

Subject: Re: How to change MTU for venet?
Posted by maratrus on Tue, 30 Jun 2009 12:27:05 GMT
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What ostemplate your VE is based on?
It may occur that you need to change not redhat-add_ip.sh script but debian-add_ip.sh.

Subject: Re: How to change MTU for venet?
Posted by eclipser on Tue, 30 Jun 2009 12:38:33 GMT
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maratrus wrote on Tue, 30 June 2009 14:27What ostemplate your VE is based on?
It may occur that you need to change not redhat-add_ip.sh script but debian-add_ip.sh.

Hi, template is

http://download.openvz.org/template/precreated/centos-5-x86_ 64.tar.gz

so redhat-add_ip.sh should be okay. I think...

Subject: Re: SOLVED How to change MTU for venet?
Posted by eclipser on Thu, 09 Jul 2009 08:41:08 GMT
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Hi,

I found that there was a typo in

/etc/sysconfig/network-scripts/ifcfg-venet0

that prevented the script from functioning correctly; this typo was caused during editing, so this thread can be ignored. Sorry for the noise.

Best,

Timo