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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

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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?

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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.

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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

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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 otemplate your VE is based on?  
It may occur that you need to change not redhat-add\_ip.sh script but debian-add\_ip.sh.

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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 14:27: What otemplate 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](http://download.openvz.org/template/precreated/centos-5-x86_64.tar.gz)

so redhat-add\_ip.sh should be okay. I think...

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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

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