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Subject: Why venet0 and venet0:0 ?

Posted by [hvdkamer](#) on Sat, 08 Jul 2006 10:09:09 GMT

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Is there a good explanation why in a Debian VE (may be other distro's too?) a venet0 and venet0:0 present? Or is it just that this is more easily created by the script if there are more than one IP-addresses needed?

I have created a simpler script which adds just a venet0 if there is need for one IP-address and a venet0:1 and so further if more than one is needed. It seems to work exactly the same, only the ifconfig output and /etc/network/interfaces in the VE just looks nicer and to mee also more logical.

I have attached the new debian-add\_ip.sh for who is interested...

### File Attachments

1) [debian-add\\_ip.sh](#), downloaded 1920 times

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Subject: Re: Why venet0 and venet0:0 ?

Posted by [vzjay](#) on Tue, 29 Jan 2008 16:49:17 GMT

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I don't mean to dig up an old thread, but did you ever figure this out? It appears that this only occurs on Debian based distros.

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Subject: Re: Why venet0 and venet0:0 ?

Posted by [hvdkamer](#) on Tue, 29 Jan 2008 17:31:03 GMT

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I've never further investigated why this is happening. On three different OpenVZ servers I now use my own adaptation and never run into a problem which could be attributed to this change. So I think it is safe to strip the venet0:0...

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Subject: Re: Why venet0 and venet0:0 ?

Posted by [maratrus](#) on Wed, 30 Jan 2008 13:24:58 GMT

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Hi,

I haven't been testing a lot of time but let's assume that we add two ip (with --ipadd parameter) to our VPS and then decide to remove the first ip (with --ipdel parameter). Does this operation process correctly?

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Subject: Re: Why venet0 and venet0:0 ?  
Posted by [kir](#) on Wed, 07 May 2008 06:32:13 GMT  
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There is a bug filed for this case: <http://bugzilla.openvz.org/883>

hvdkamer, can you please add yourself into Cc for this bug so we can move the discussion there?

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Subject: Re: Why venet0 and venet0:0 ?  
Posted by [SSJGotenks](#) on Thu, 11 Mar 2010 22:03:02 GMT  
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How can I apply this script to a centos machine? I checked the script and it modifies locations debian specific "debian-add\_ip.sh". I love your script!

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Subject: Re: Why venet0 and venet0:0 ?  
Posted by [hvdkamer](#) on Fri, 12 Mar 2010 09:34:21 GMT  
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You mus create a centos-add\_ip.sh script with code that creates the correct files in your centos template. I don't know anything about centos, so I can't help there. In the meanwhile I did something similar for Arch Linux which had also the strange and unnecessary venet0:0.

After creating the script, you change the centos.conf to use your new script. At the moment it points to a Red Hat script:

```
ADD_IP=redhat-add_ip.sh
```

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