
Subject: Problem with VE Debian Woody with vzctl version 3.0.23-1dso1~etch0
Posted by [ulver](#) on Fri, 21 Nov 2008 16:23:37 GMT

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Hello everyone !

I updated (security updates and upgrades) my Debian Etch (Hardware Node) and I noticed that there was a new version of vzctl : 3.0.23-1dso1~etch0 (i had 3.0.22-1dso1 before the update).

With that version, the network didn't work on my old VE Debian Woody (i know this is very old).

The problem seems to be in the new format of the /etc/network/interfaces inside the VPS :

```
auto venet0
iface venet0 inet manual
    up ifconfig venet0 0
    up route add -net 192.0.2.1 netmask 255.255.255.255 dev venet0
    up route add default gw 192.0.2.1
```

The Debian Woody doesn't support the "manual" method.

Before the update, venet 0 was configured with "static" method and with the 127.0.0.1 ip address, so it worked.

I found only two solutions to solve the problem :

- Edit the /etc/network/interfaces in the VE and replace the manual method with static, and add the IP 127.0.0.1 or something else (in fact, like the old format). It seems that the file is not deleted when the VE reboot, but it isn't a very smart solution.

- Bridge with veth

I just wanted to know if this problem was known ? And if there is a smarter solution to make the Debian woody work with venet ? (I saw that the file debian-3.0.conf in /etc/vz/dists calls the same script debian-add_ip.sh that debian-3.1 and debian-4.0.conf ; maybe we can have and call a specific script for Debian Woody like debian3.0-add_ip.sh ?)

Thank you ! (and sorry for my english which is very bad...)

Subject: Re: Problem with VE Debian Woody with vzctl version 3.0.23-1dso1~etch0
Posted by [kir](#) on Fri, 21 Nov 2008 16:40:41 GMT

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What was the previous vzctl version on your system?

I have checked git history for debian-add_ip.sh and the version in vzctl-3.0.23 does not differ much from what we had in vzctl-3.0.22. There were only two commits — one touching the comments and the other touching the way IPv6 addresses are handled.

Here it is: http://git.openvz.org/?p=vzctl;a=history;f=etc/dists/scripts/debian-add_ip.sh

Subject: Re: Problem with VE Debian Woody with vzctl version 3.0.23-1dso1~etch0
Posted by [ulver](#) on Fri, 21 Nov 2008 17:09:23 GMT

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Hello,

Here are the different version :

The new version :

```
xxxxx:~# vzctl --version  
vzctl version 3.0.23-1dso1~etch0
```

The old version :

```
yyyyy:~# vzctl --version  
vzctl version 3.0.22-1dso1
```

I use the following sources to use OpenVZ :

```
yyyyy:~# grep openvz /etc/apt/sources.list  
deb http://download.openvz.org/debian-systs etch openvz
```

I saw the changes in the script `"/etc/vz/dists/scripts/debian-add_ip.sh"`.

The old script, before the update :

```
auto ${VENET_DEV}  
iface ${VENET_DEV} inet static  
    address 127.0.0.1  
    netmask 255.255.255.255  
    broadcast 0.0.0.0  
    up route add -net ${FAKEGATEWAY} netmask 255.255.255.255
```

The new one, after the update :

```
auto ${VENET_DEV}  
iface ${VENET_DEV} inet manual  
    up ifconfig ${VENET_DEV} 0  
    up route add -net ${FAKEGATEWAY} netmask 255.255.255.255 dev ${VENET_DEV}  
    up route add default gw ${FAKEGATEWAY}" >> ${CFGFILE}
```

The difference is the method : static in the old script, and manual in the new one. "Manual" method is not supported in the Debian Woody.
