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Subject: Re: linux vserver to openvz migration  
Posted by [ertan](#) on Wed, 25 Aug 2010 13:22:53 GMT  
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Hi,

i have "migrated" a Debian-Linux-Vserver under

2.6.18-4-vserver-amd64

vhost1:/etc/vservers# vserver-info

Versions:

Kernel: 2.6.18-4-vserver-amd64  
VS-API: 0x00020002  
util-vserver: 0.30.212; Dec 9 2006, 20:37:54

Features:

CC: gcc, gcc (GCC) 4.1.2 20061115 (prerelease) (Debian 4.1.1-20)  
CXX: g++, g++ (GCC) 4.1.2 20061115 (prerelease) (Debian 4.1.1-20)  
CPPFLAGS: "  
CFLAGS: '-Wall -g -O2 -std=c99 -Wall -pedantic -W -funit-at-a-time'  
CXXFLAGS: '-g -O2 -ansi -Wall -pedantic -W -fmessage-length=0 -funit-at-a-time'  
build/host: x86\_64-pc-linux-gnu/x86\_64-pc-linux-gnu  
Use dietlibc: yes  
Build C++ programs: yes  
Build C99 programs: yes  
Available APIs: compat,v11,fscompat,v13,net,v21,oldproc,olduts  
ext2fs Source: e2fsprogs  
syscall(2) invocation: alternative  
vserver(2) syscall#: 236/glibc

Paths:

prefix: /usr  
sysconf-Directory: /etc  
cfg-Directory: /etc/vservers  
initrd-Directory: \$(sysconfdir)/init.d  
pkgstate-Directory: /var/run/vservers  
vserver-Rootdir: /var/lib[QUOTE][[/QUOTE]/vservers

The only think what i do is to copy the /var/lib/vservers/VSERVERNAME Directory to the openvz Server under /vz/private/103 with rsync.

Then i set the hostname and ip:

```
vzctl set 103 --onboot yes --save  
vzctl set 103 --ipadd 192.168.0.145 --save  
vzctl set 103 --hostname test103.my.org --save
```

```
echo "OSTEMPLATE=\"debian\"" >> 103.conf
```

The openvz has the Kernel:  
2.6.18-194.8.1.el5.028stab070.2  
and the OS is CentOS5.5

The Container 103 (Debian) Starts

Then i have done  
update-rc.d networking defaults  
because the network config is not correct.

The network doesnt works. The ip from the config file is not visible and there are no mac  
adresses.

Quote:  
ifconfig -a

```
lo      Link encap:Local Loopback  
        LOOPBACK MTU:16436 Metric:1  
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:0  
        RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

```
venet0  Link encap:UNSPEC HWaddr 00-00-00-00-00-00-00-00-00-00-00-00-00-00-00-00  
        BROADCAST POINTOPOINT NOARP MTU:1500 Metric:1  
        RX packets:0 errors:0 dropped:0 overruns:0 frame:0  
        TX packets:0 errors:0 dropped:0 overruns:0 carrier:0  
        collisions:0 txqueuelen:0  
        RX bytes:0 (0.0 b) TX bytes:0 (0.0 b)
```

Where i can edit the settings for the network. Normaly the config file for the Linux Vserver is in  
/etc/vservers/VSERVERNAME/interfaces/0

there are three Files with the information dev ip prefix.  
This files i have not copied to the /vz/private/ directory.

A manual setting with ifconfig venet0 192.168.0.145 works but the mac address is still not present  
and i can not add a route and gateway.

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