Subject: linux vserver to openvz migration
Posted by mookie on Thu, 29 Apr 2010 09:15:54 GMT
View Forum Message <> Reply to Message

Hello,

I try to migrate a linux vserver to openvz.

I use mainly this documentation   http://wiki.openvz.org/Migration_from_Linux-VServer_to_OpenVZ

If I want to start the vz:

vztest:/etc/vz/dists# vzctl --verbose start 1001
Starting VE ...
VE is mounted
Adding IP address(es): ***.***.***.***
Running VE script: /etc/vz/dists/scripts/debian-add_ip.sh
Setting CPU units: 1000
Configure meminfo: 65536
Set hostname: foo.example.com
Running VE script: /etc/vz/dists/scripts/debian-set_hostname.sh
Unable to start init, probably incorrect template
VE start failed
Stopping VE ...
VE was stopped
VE is unmounted

==> /var/log/vzctl.log <==
2010-04-29T10:52:59+0200 vzctl : VE 1001 : Starting VE ...
2010-04-29T10:52:59+0200 vzctl : VE 1001 : VE is mounted
2010-04-29T10:52:59+0200 vzctl : VE 1001 : Adding IP address(es): ***.***.***.***
2010-04-29T10:53:00+0200 vzctl : VE 1001 : Setting CPU units: 1000
2010-04-29T10:53:00+0200 vzctl : VE 1001 : Configure meminfo: 65536
2010-04-29T10:53:00+0200 vzctl : VE 1001 : Set hostname: foo.example.com
2010-04-29T10:53:00+0200 vzctl : VE 1001 : Unable to start init, probably incorrect template
2010-04-29T10:53:00+0200 vzctl : VE 1001 : VE start failed
2010-04-29T10:53:00+0200 vzctl : VE 1001 : Stopping VE ...
2010-04-29T10:53:01+0200 vzctl : VE 1001 : VE was stopped
2010-04-29T10:53:01+0200 vzctl : VE 1001 : VE is unmounted

==> /var/log/syslog <==
Apr 29 10:52:59 vztest kernel: [55335.382982] CT: 1001: started
Apr 29 10:53:01 vztest kernel: [55336.776344] CT: 1001: stopped

Is there any way to see more detailed error messages?

Or have anyone an idea why it can't start?

Subject: Re: linux vserver to openvz migration
Posted by maratrus on Fri, 30 Apr 2010 12:10:45 GMT

Hello,

firstly, please make sure that you have /vz/root/1001/sbin/init file and it is executable then check
that you are not going to execute x86_64 binary on i686 kernel.

Please, provide the VE's configuration file.

Subject: Re: linux vserver to openvz migration
Posted by ertan on Wed, 25 Aug 2010 13:22:53 GMT

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 copyed 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.

Subject: Re: linux vserver to openvz migration
Posted by ertan on Wed, 25 Aug 2010 13:53:50 GMT
View Forum Message <> Reply to Message

Hi,
i have created a "normal" openvz installation and there was a venet0:0 Interface with the IP.

On the migrated Linux-vserver are only venet0 and not venet0:X