Subject: Can I run debian as vz with ubuntu host
Posted by satimis on Tue, 21 Apr 2009 07:54:36 GMT
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Hi folks,

host - Ubuntu 8.04-i386
guest - Ubuntu 8.04-i386 minimal

I tried to install Debian 5.0 without success. Steps performed as follows;

$ cd /var/lib/vz/template/cache/

$ sudo vzctl create 105 --ostemplate debian-5.0-i386-minimal --config vps.basic
Creating VE private area (debian-5.0-i386-minimal)
Performing postcreate actions
VE private area was created

$ sudo vzctl set 104 --hostname vz4.satimis.com --save
Warning: distribution not specified default used /etc/vz/dists/default
Saved parameters for VE 104

$ cat /et/vz/dists/default
ADD_IP=redhat-add_ip.sh
DEL_IP=redhat-del_ip.sh
SET_HOSTNAME=redhat-set_hostname.sh
SET_DNS=set_dns.sh
SET_USERPASS=set_userpass.sh
SET_UGID_QUOTA=set_ugid_quota.sh
POST_CREATE=postcreate.sh

Please advise how to fix the problem. Whether it is NOT allowed running OS other than similar to the host? TIA

Edit:

Something strange happened here.

After googling a while without remedy solving my problem. I exited Ubuntu 8.04 and turned off the PC.

About half hour later I switched on the PC re-starting OpenVZ and performed following steps.

```
$ sudo vzctl destroy 104
$ sudo rm /etc/vz/conf/104.conf.destroyed
$ cd /var/lib/vz/template/cache/

$ sudo vzctl create 104 --ostemplate debian-5.0-i386-minimal --config vps.basic
Creating VE private area (debian-5.0-i386-minimal)
Performing postcreate actions
VE private area was created



$ sudo vzctl set 104 --hostname vzd4.satimis.com --save
Saved parameters for VE 104



$ sudo vzctl set 104 --ipadd 192.168.0.104 --save
Saved parameters for VE 104



$ sudo vzctl set 104 --nameserver 202.14.67.4 --nameserver 202.14.67.14 --save
Saved parameters for VE 104



$ sudo vzctl start 104
Starting VE ...
VE is mounted
Adding IP address(es): 192.168.0.104
Setting CPU units: 1000
Configure meminfo: 65536
Set hostname: vzd4.satimis.com
File resolv.conf was modified
VE start in progress...



$ sudo vzlist -a
      VEID      NPROC STATUS  IP_ADDR HOSTNAME
       101          3 running 192.168.0.101   vz1.satimis.com
       103          3 running 192.168.0.103   vz3.satimis.com
       104          6 running 192.168.0.104   vzd4.satimis.com
       105          6 running -               -
```

(remark: I'm going to remove 105)

To my surprise, this time it works. Referring to the notes taken down previously the only

difference made in creating 104 is the hostname;

Old 104 vz.satimis.com
New 104 vzd4.satimis.com

I can't resolve WHY it would make the difference?

Actually I have tried several hours to solve the problem in running "apt-get update/upgrade" and "aptidute update/safe-upgrade" on 102 without result always having mistake. 102 was running Ubuntu 8.04. Therefore I install debian 5.0 instead

B.R.
satimis

Subject: Re: Can I run debian as vz with ubuntu host
Posted by maratrus on Tue, 21 Apr 2009 09:53:30 GMT
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Hi,

Quote:
Whether it is NOT allowed running OS other than similar to the host? TIA

Of course, you can run VE based on OS which differs from host OS.

Could you please show VEs configuration file and global configuration file (vz.conf)?

Is this a typo?
Quote:
$ sudo vzctl create 105 --ostemplate debian-5.0-i386-minimal --config vps.basic
$ sudo vzctl set 104 --hostname vz4.satimis.com --save

Subject: Re: Can I run debian as vz with ubuntu host
Posted by satimis on Tue, 21 Apr 2009 13:56:14 GMT
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maratrus wrote on Tue, 21 April 2009 17:53Hi,
Of course, you can run VE based on OS which differs from host OS.

Hi maratrus,

Advice noted and thanks

Quote:
Could you please show VEs configuration file and global configuration file (vz.conf)?

```
# ls -l /etc/vz/conf/
total 28
-rw-r--r-- 1 root root  228 2008-04-21 22:19 0.conf
-rw-r--r-- 1 root root 1743 2009-04-03 14:32 101.conf
-rw-r--r-- 1 root root 1744 2009-04-21 17:47 102.conf
-rw-r--r-- 1 root root 1743 2009-04-19 18:29 103.conf
-rw-r--r-- 1 root root 1743 2009-04-21 17:09 104.conf
-rw-r--r-- 1 root root 1539 2008-04-21 22:19 ve-light.conf-sample
-rw-r--r-- 1 root root 1515 2008-04-21 22:19 ve-vps.basic.conf-sample
```

```
# ls -l /etc/vz/
total 20
drwxr-xr-x 2 root root 4096 2009-04-21 17:50 conf
drwxr-xr-x 2 root root 4096 2008-09-24 18:54 cron
drwxr-xr-x 3 root root 4096 2008-09-24 18:54 dists
drwxr-xr-x 2 root root 4096 2008-04-21 22:19 names
-rw-r--r-- 1 root root  988 2008-04-21 22:19 vz.conf
```

```
# ls -l /etc/vz/dists/
total 236
-rw-r--r-- 1 root root 1055 2008-04-21 22:19 altlinux-2.4.conf
-rw-r--r-- 1 root root 1080 2008-04-21 22:19 altlinux-3.0.conf
-rw-r--r-- 1 root root 1080 2008-04-21 22:19 altlinux-4.0.conf
-rw-r--r-- 1 root root 1080 2008-04-21 22:19 altlinux.conf
-rw-r--r-- 1 root root 1026 2008-04-21 22:19 arch-0.7.conf
-rw-r--r-- 1 root root 1026 2008-04-21 22:19 arch-0.8.conf
-rw-r--r-- 1 root root 1026 2008-04-21 22:19 arch.conf
-rw-r--r-- 1 root root  963 2008-04-21 22:19 centos-3.conf
-rw-r--r-- 1 root root  963 2008-04-21 22:19 centos-4.conf
-rw-r--r-- 1 root root  963 2008-04-21 22:19 centos.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 debian-3.0.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 debian-3.1.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 debian-4.0.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 debian.conf
```

```
-rw-r--r-- 1 root root  962 2008-04-21 22:19 default
-rw-r--r-- 1 root root 4457 2008-04-21 22:19 distribution.conf-template
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-7.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-8.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-1.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-2.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-3.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-4.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-5.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-6.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core-7.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 fedora-core.conf
-rw-r--r-- 1 root root 1054 2008-04-21 22:19 gentoo.conf
-rw-r--r-- 1 root root 1049 2008-04-21 22:19 mandrake.conf
-rw-r--r-- 1 root root 1040 2008-04-21 22:19 opensuse.conf
-rw-r--r-- 1 root root 1055 2008-04-21 22:19 owl.conf
-rw-r--r-- 1 root root 1055 2008-04-21 22:19 redhat-7.0.conf
-rw-r--r-- 1 root root 1055 2008-04-21 22:19 redhat-7.1.conf
-rw-r--r-- 1 root root 1055 2008-04-21 22:19 redhat-7.2.conf
-rw-r--r-- 1 root root 1055 2008-04-21 22:19 redhat-7.3.conf
-rw-r--r-- 1 root root 1061 2008-04-21 22:19 redhat-8.0.conf
-rw-r--r-- 1 root root 1061 2008-04-21 22:19 redhat-9.conf
-rw-r--r-- 1 root root 1061 2008-04-21 22:19 redhat.conf
-rw-r--r-- 1 root root 1106 2008-04-21 22:19 rhel-3.conf
-rw-r--r-- 1 root root 1106 2008-04-21 22:19 rhel-4.conf
drwxr-xr-x 2 root root 4096 2008-09-24 18:54 scripts
-rw-r--r-- 1 root root 1074 2008-04-21 22:19 slackware-10.0.conf
-rw-r--r-- 1 root root 1074 2008-04-21 22:19 slackware-10.1.conf
-rw-r--r-- 1 root root 1081 2008-04-21 22:19 slackware-9.0.conf
-rw-r--r-- 1 root root 1081 2008-04-21 22:19 slackware-9.1.conf
-rw-r--r-- 1 root root 1074 2008-04-21 22:19 slackware.conf
-rw-r--r-- 1 root root 1039 2008-04-21 22:19 sles-9.conf
-rw-r--r-- 1 root root 1039 2008-04-21 22:19 sles.conf
-rw-r--r-- 1 root root 1051 2008-04-21 22:19 suse-7.3.conf
-rw-r--r-- 1 root root 1051 2008-04-21 22:19 suse-8.0.conf
-rw-r--r-- 1 root root 1051 2008-04-21 22:19 suse-8.1.conf
-rw-r--r-- 1 root root 1051 2008-04-21 22:19 suse-8.2.conf
-rw-r--r-- 1 root root 1040 2008-04-21 22:19 suse-9.0.conf
-rw-r--r-- 1 root root 1040 2008-04-21 22:19 suse-9.1.conf
-rw-r--r-- 1 root root 1040 2008-04-21 22:19 suse-9.2.conf
-rw-r--r-- 1 root root 1040 2008-04-21 22:19 suse-9.3.conf
-rw-r--r-- 1 root root 1040 2008-04-21 22:19 suse.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 ubuntu-5.1.conf
-rw-r--r-- 1 root root 1047 2008-04-21 22:19 ubuntu.conf
```

```
# cat /etc/vz/vz.conf
```

```
## Global parameters
VIRTUOZZO=yes
LOCKDIR=/var/lib/vz/lock
DUMPDIR=/var/lib/vz/dump
VE0CPUUNITS=1000

## Logging parameters
LOGGING=yes
LOGFILE=/var/log/vzctl.log
LOG_LEVEL=0
VERBOSE=0

## Disk quota parameters
DISK_QUOTA=yes
VZFASTBOOT=no

# The name of the device whose ip address will be used as source ip for VE.
# By default automatically assigned.
#VE_ROUTE_SRC_DEV="eth0"

# Controls which interfaces to send ARP requests and modify APR tables on.
NEIGHBOUR_DEVS=detect

## Template parameters
TEMPLATE=/var/lib/vz/template

## Defaults for VEs
VE_ROOT=/var/lib/vz/root/$VEID
VE_PRIVATE=/var/lib/vz/private/$VEID
CONFIGFILE="vps.basic"
DEF_OSTEMPLATE="ubuntu"

## Load vzwdog module
VZWDOG="no"

## IPv4 iptables kernel modules
IPTABLES="ipt_REJECT ipt_tos ipt_limit ipt_multiport iptable_filter iptable_mang$

## Enable IPv6
IPV6="no"

## IPv6 ip6tables kernel modules
IP6TABLES="ip6_tables ip6table_filter ip6table_mangle ip6t_REJECT"
```

Quote:

Is this a typo?
Quote:
$ sudo vzctl create 105 --ostemplate debian-5.0-i386-minimal --config vps.basic
$ sudo vzctl set 104 --hostname vz4.satimis.com --save

Sorry, it is a typing mistake. Should read "104"

B.R.
satimis

Subject: Re: Can I run debian as vz with ubuntu host
Posted by maratrus on Wed, 22 Apr 2009 06:23:30 GMT
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Hi,

- I don't understand whether you solved the problem?
- you didn't show VEs configuration file only global vz.conf.
- please pay attention to OSTEMPLATE variable in VEs configuration file.

Subject: Re: Can I run debian as vz with ubuntu host
Posted by satimis on Wed, 22 Apr 2009 11:16:30 GMT
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maratrus wrote on Wed, 22 April 2009 14:23Hi,

- I don't understand whether you solved the problem?
- you didn't show VEs configuration file only global vz.conf.
- please pay attention to OSTEMPLATE variable in VEs configuration file.

Hi maratrus,

I have 5 VZs running;

$ sudo vzlist -a
[sudo] password for satimis:

VEID	NPROC	STATUS	IP_ADDR	HOSTNAME
101	3	running	192.168.0.101	vz1.satimis.com
102	3	running	192.168.0.102	vz2.satimis.com
103	3	running	192.168.0.103	vz3.satimis.com
104	6	running	192.168.0.104	vzd4.satimis.com
105	12	running	192.168.0.105	vzd5.satimis.com

It seems that they are working w/o problem. However they are only base OS without further installation.

101 - Ubuntu 8.04 minimal (created on template)
102 - Ubuntu 8.04 minimal (created on template)
103 - Ubuntu 8.04 minimal (duplicated on 101)
104 - Debian 5.0 minimal (created on template)
105 - Debian 5.0 full version (created on template)
(all 32bit)

$ cat /etc/vz/conf/104.conf
- snip -

ONBOOT="yes"

# UBC parameters (in form of barrier:limit)
KMEMSIZE="11055923:11377049"
LOCKEDPAGES="256:256"
PRIVVMPAGES="65536:69632"
SHMPAGES="21504:21504"
NUMPROC="240:240"
PHYSPAGES="0:2147483647"
VMGUARPAGES="33792:2147483647"
OOMGUARPAGES="26112:2147483647"
NUMTCPSOCK="360:360"
NUMFLOCK="188:206"
NUMPTY="16:16"
NUMSIGINFO="256:256"
TCPSNDBUF="1720320:2703360"
TCPRCVBUF="1720320:2703360"
OTHERSOCKBUF="1126080:2097152"
DGRAMRCVBUF="262144:262144"
NUMOTHERSOCK="360:360"
DCACHESIZE="3409920:3624960"
NUMFILE="9312:9312"
AVNUMPROC="180:180"
NUMIPTENT="128:128"

# Disk quota parameters (in form of softlimit:hardlimit)
DISKSPACE="1048576:1153024"
DISKINODES="200000:220000"
QUOTATIME="0"

# CPU fair sheduler parameter
CPUUNITS="1000"

VE_ROOT="/var/lib/vz/root/$VEID"
VE_PRIVATE="/var/lib/vz/private/$VEID"
OSTEMPLATE="debian-5.0-i386-minimal"
ORIGIN_SAMPLE="vps.basic"
HOSTNAME="vzd4.satimis.com"
IP_ADDRESS="192.168.0.104"
NAMESERVER="202.14.67.4 202.14.67.14"

B.R.
satimis
