Subject: *SOLVED* ssh connection problem in guest OS
Posted by gogisnim on Sun, 26 Aug 2007 13:36:22 GMT
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Hi, everyone ~

In guest OS, I can't connect ssh.

host ip - 1.1.1.200
guest ip - 1.1.2.200

host # vzctl create 2200 --ostemplate gentoo-2.6.18
host # vzctl set 2200 --save --onboot=yes --ipadd 1.1.2.200 --nameserver 1.1.1.200 --nameserver 168.126.63.1 --hostname guest --diskspace 700000:750000 --userpasswd test:1111
host # vzctl start 2200 && vzctl enter 2200

guest # ssh root@1.1.1.200
PRNG is not seeded
guest #

I read /dev/random create.

host # vzctl exec 2200 mknod /dev/random c 1 8

guest # ssh root@1.1.1.200
Host key verification failed.

I tried to connect into local sshd of guest.

guest # /etc/init.d/sshd start
 * Generating RSA-Hostkey...
PRNG is not seeded

This is my system info.

host # cat /etc/vz/conf/2200.conf
ONBOOT="yes"

AVNUMPROC="40:40"
NUMPROC="65:65"
NUMTCPSOCK="80:80"

```
NUMOTHERSOCK="80:80"
VMGUARPAGES="6144:2147483647"

KMEMSIZE="2752512:2936012"
TCPSNDBUF="319488:524288"
TCPRCVBUF="319488:524288"
OTHERSOCKBUF="132096:336896"
DGRAMRCVBUF="132096:132096"
OOMGUARPAGES="6144:2147483647"

LOCKEDPAGES="32:32"
SHMPAGES="8192:8192"
PRIVVMPAGES="49152:53575"
NUMFILE="2048:2048"
NUMFLOCK="100:110"
NUMPTY="16:16"
NUMSIGINFO="256:256"
DCACHESIZE="1048576:1097728"
PHYSPAGES="0:2147483647"
NUMIPTENT="128:128"

DISKSPACE="700000:750000"
DISKINODES="200000:220000"
QUOTATIME="0"

CPUUNITS="1000"
VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="gentoo-2.6.18"
ORIGIN_SAMPLE="vps.basic"
IP_ADDRESS="1.1.2.200"
HOSTNAME="guest"
NAMESERVER="1.1.2.200 168.126.63.1"


guest # df -h
Filesystem           Size  Used Avail Use% Mounted on
simfs                684M  452M  233M  67% /
tmpfs                220M   76K  220M   1% /dev
tmpfs                220M     0  220M   0% /dev/shm


guest # mount
simfs on / type simfs (rw)
proc on /proc type proc (rw,nosuid,nodev,noexec)
sysfs on /sys type sysfs (rw,nosuid,nodev,noexec)
tmpfs on /dev type tmpfs (rw,nosuid)
devpts on /dev/pts type devpts (rw,nosuid,noexec)
```

tmpfs on /dev/shm type tmpfs (rw,nosuid,nodev,noexec)

Thank you

Subject: Re: ssh connection problem in guest OS
Posted by kir on Sun, 26 Aug 2007 14:08:09 GMT
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That's bad that /dev is mounted using tmpfs. This is good for the host system and if you use udev, but for VE a much saner way would be to disable mounting /dev using tmpfs, disable udevd and then create all the devices you need in VE.

After that, install strace into a VE and run sshd under strace to see what the problem is.

Subject: Re: ssh connection problem in guest OS
Posted by gogisnim on Sun, 26 Aug 2007 21:59:05 GMT
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I solved it.

First of all, how to create gentoo base VE template was fatal !!

http://wiki.openvz.org/Gentoo_template_creation

I created the template except "Edit /etc/init.d/checkroot", "Edit /sbin/rc" and "Set up udev" in this url.

I deleted old template and created new template step by step.

Now, I can connect ssh into host.

```
guest # df -h
Filesystem            Size  Used Avail Use% Mounted on
simfs                 1.0G  410M  615M  41% /

guest # mount
simfs on / type simfs (rw)
proc on /proc type proc (rw,nosuid,nodev,noexec)
devpts on /dev/pts type devpts (rw,nosuid,noexec)

guest # ssh root@host
Password:
```

host #

To understand tmpfs is difficult until now, but I learn.

Thank you very much indeed.
I'm tired..
