Subject: Problem with new os template (pld)
Posted by lukasz on Sun, 29 Jun 2008 13:22:09 GMT
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Hello,

I am trying to make os template for polish linux distribution
(www.pld-linux.org).

Here it is:

http://www.chrustek.net/pld-ac-image.tar.gz

Here is the /etc/vz/dists/pld-ac.conf:

ADD_IP=pld-add_ip.sh (http://www.chrustek.net/pld-add_ip.sh)
DEL_IP=pld-del_ip.sh (http://www.chrustek.net/pld-del_ip.sh)
SET_HOSTNAME=pld-set_hostname.sh (http://www.chrustek.net/pld-set_hostname.sh)
SET_DNS=set_dns.sh
SET_USERPASS=set_userpass.sh
SET_UGID_QUOTA=set_ugid_quota.sh
POST_CREATE=postcreate.sh

First three files I have changed. I started playing around with openvz
4 days ago, so this changes may not be accurate (and they seem to be
so, because vzctl set 111 --ipadd 192.168.1.40 dosn't work).

111.conf looks like this:

ONBOOT="no"
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"
DISKSPACE="1048576:1153024"
DISKINODES="200000:220000"
QUOTATIME="0"
CPUUNITS="1000"

VE_ROOT="/vz/root/$VEID"
VE_PRIVATE="/vz/private/$VEID"
OSTEMPLATE="pld-ac-i686-image"
ORIGIN_SAMPLE="vps.basic"
IP_ADDRESS="192.168.1.40"
```

The system seems to work well (I can do vzctl exec 111 ps a x and
others commands), but I have two problems:

1. I can't assign ip address to it: vzctl set 111 --ipadd 192.168.1.40
   doesn't show any errors. vzlist shows this ip address, but:

```
   [root@pld-machine /vz/private/111]# vzctl exec 111 ip a l
   1: lo: <LOOPBACK> mtu 16436 qdisc noop
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
   2: venet0: <BROADCAST,POINTOPOINT,NOARP> mtu 1500 qdisc noop
    link/void
   3: sit0: <NOARP> mtu 1480 qdisc noop
    link/sit 0.0.0.0 brd 0.0.0.0
```

2. I can't enter into the VE:
   vzctl enter 111
   [hangs here... nothing happen]

end of strace of this command looks like this:

```
open("/etc/passwd", O_RDONLY|0x80000 /* O_??? */) = 12
fcntl64(12, F_GETFD)                    = 0x1 (flags FD_CLOEXEC)
fstat64(12, {st_mode=S_IFREG|0644, st_size=856, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0xb7fe2000
read(12, "root:x:0:0:root:/root:/bin/zsh\nb"..., 4096) = 856
close(12)                               = 0
munmap(0xb7fe2000, 4096)                = 0
socket(PF_FILE, SOCK_STREAM, 0)         = 12
fcntl64(12, F_SETFL, O_RDWR|O_NONBLOCK) = 0
connect(12, {sa_family=AF_FILE, path="/var/run/nscd/socket"}, 110) = -1 ENOENT (No such file
```

```
or directory)
close(12)                               = 0
socket(PF_FILE, SOCK_STREAM, 0)         = 12
fcntl64(12, F_SETFL, O_RDWR|O_NONBLOCK) = 0
connect(12, {sa_family=AF_FILE, path="/var/run/nscd/socket"}, 110) = -1 ENOENT (No such file
or directory)
close(12)                               = 0
open("/etc/group", O_RDONLY|0x80000 /* O_??? */) = 12
fstat64(12, {st_mode=S_IFREG|0644, st_size=608, ...}) = 0
mmap2(NULL, 4096, PROT_READ|PROT_WRITE, MAP_PRIVATE|MAP_ANONYMOUS, -1, 0) =
0xb7fe2000
read(12, "root::0:root\nbin::1:root,bin,dae"..., 4096) = 608
close(12)                               = 0
munmap(0xb7fe2000, 4096)                = 0
rt_sigaction(SIGCHLD, {0x8049c70, [], SA_RESTORER|SA_NOCLDSTOP, 0xb7ea34d8}, NULL,
8) = 0
rt_sigaction(SIGPIPE, {SIG_IGN}, NULL, 8) = 0
rt_sigaction(SIGWINCH, {0x8049c7f, [], SA_RESTORER, 0xb7ea34d8}, NULL, 8) = 0
clone(child_stack=0, flags=CLONE_CHILD_CLEARTID|CLONE_CHILD_SETTID|SIGCHLD,
child_tidptr=0xb7e77708) = 8946
close(3)                                = 0
close(7)                                = 0
close(9)                                = 0
close(10)                               = 0
read(8,
```

Can You try to use template which I made and say what is wrong ? In return I can make (try to make) three templates for pld-ac, pld-th, pld-ti. I need right now some indications, clues to solve this problems.

Kernel:

```
uname -a
Linux pld-machine 2.6.24vs #3 SMP Sat Jun 28 21:11:20 UTC 2008 i686
Intel(R)_Xeon(R)_CPU_____________E5310__@_1.60GHz PLD Linux
```

mounts:

```
cat /proc/mounts
/dev/root / ext3 rw,data=ordered 0 0
/proc /proc proc rw 0 0
sysfs /sys sysfs rw 0 0
usbfs /proc/bus/usb usbfs rw 0 0
/dev/sda1 /boot ext3 rw,user_xattr,acl,data=ordered 0 0
/dev/sda3 /obrazy ext3 rw,data=ordered 0 0
```

/dev/sda5 /obrazy2 ext3 rw,data=ordered 0 0
/dev/sda6 /vservers ext3 rw,data=ordered 0 0
/dev/sda7 /vz ext3 rw,data=ordered 0 0
none /dev/pts devpts rw 0 0
/vz/private/111 /vz/root/111 simfs rw 0 0
/proc /vz/root/111/proc proc rw 0 0
sysfs /vz/root/111/sys sysfs rw 0 0
none /vz/root/111/dev/pts devpts rw 0 0

--
Regards,
brushek

Subject: Re: Problem with new os template (pld)
Posted by kir on Mon, 30 Jun 2008 21:05:32 GMT
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I can't really help with --ipadd failure since it's *your* script
(pld-add_ip.sh) which should perform it. Try to debug it.

As for the container entering problem, see
http://wiki.openvz.org/Container_enter_failed. Check that those device
files exist and correct. Check that you can enter other (non-PLD)
containers fine.

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> DISKSPACE="1048576:1153024"
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> QUOTATIME="0"
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>
> VE_ROOT="/vz/root/$VEID"
> VE_PRIVATE="/vz/private/$VEID"
> OSTEMPLATE="pld-ac-i686-image"
> ORIGIN_SAMPLE="vps.basic"
> IP_ADDRESS="192.168.1.40"
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> mounts:
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> /dev/sda1 /boot ext3 rw,user_xattr,acl,data=ordered 0 0
> /dev/sda3 /obrazy ext3 rw,data=ordered 0 0
> /dev/sda5 /obrazy2 ext3 rw,data=ordered 0 0
> /dev/sda6 /vservers ext3 rw,data=ordered 0 0
> /dev/sda7 /vz ext3 rw,data=ordered 0 0
> none /dev/pts devpts rw 0 0
> /vz/private/111 /vz/root/111 simfs rw 0 0
> /proc /vz/root/111/proc proc rw 0 0
> sysfs /vz/root/111/sys sysfs rw 0 0
> none /vz/root/111/dev/pts devpts rw 0 0
>
>
>
>

Subject: Re[2]: Problem with new os template (pld)
Posted by lukasz on Tue, 01 Jul 2008 06:53:16 GMT
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Witam,

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> (pld-add_ip.sh) which should perform it. Try to debug it.

OK.

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> http://wiki.openvz.org/Container_enter_failed. Check that those device
> files exist and correct. Check that you can enter other (non-PLD)
> containers fine.

I know this document very well... I read almost all wiki page.
Existing of this device files are enough to entering the container ?
Can anybody explain what is necessary to enter the container ?

non-PLD containers works OK, there is no problem in entering end
leaving the container.

--
Pozdrawiam,