Subject: Anyone make a working Gentoo Template?
Posted by devnu11 on Wed, 21 Dec 2005 17:47:00 GMT
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I'm wondering if anyone has made a working Gentoo 2005 or 2005.1 template. I have been working on Gentoo for quite a few days now and have gotten nowhere. If I vzctl start 123 the start up appears normal as if I was using lets say Centos but the VPS does not start. There is nothing in the log file that I can find as an error on the host system. This particular template doesn't have system log installed as of yet. How do I find out why the VPS is not starting? If anyone has a working template please tell me any information that might be pertinent.

EDIT: I have two gentoo templates I am working on. I just checked the other template and there is an error!! it is as follows:

2005-12-21T12:05:01-0600 venetclean : VPS 101 : VPS died, clear ips: 72.23$

Where do I go from here?

Subject: Re: Anyone make a working Gentoo Template?
Posted by wimalopaan on Thu, 05 Jan 2006 10:55:15 GMT
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Did you try this:

http://dev.croup.de/proj/gentoo-vps/wiki/OpenvzHowto

with the mentioned stage3-tarball?

-
Wilhelm

Subject: Re: Anyone make a working Gentoo Template?
Posted by devnu11 on Thu, 05 Jan 2006 11:50:40 GMT
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I have tried the vserver template and a Xen template and a UML template and starting from scratch with stages and portage. I can not seem to get networking up and running. I have spent more hours than I wish to admit trying to get a template up and running, I'm open to any information which might assist me in getting this template finalized. The other problem is that env-update has to be done each time I enter the VPS. It doesn't seem to save.

Subject: Re: Anyone make a working Gentoo Template?
Posted by wimalopaan on Thu, 05 Jan 2006 13:28:46 GMT

Hi,

the gentoo-network scripts net.lo seems to be broken. Instead of linking net.venet0 to net.lo I use the attached script (change appropriate). Then my networking is fine.

BTW, how do I bind-mount something into the VPS, e.g. /usr/portage of the host to the VPS

-
wilhelm

File Attachments
1) net.venet0, downloaded 709 times

Subject: Re: Anyone make a working Gentoo Template?
Posted by devnu11 on Thu, 05 Jan 2006 17:53:22 GMT

You Sir are a gentleman and a scholar
This is the closest I have gotten so far. I can ping outside IP addresses but emerge for incoming traffic doesn't seem to function. my ifconfig is as follows:

localhost / # /sbin/ifconfig -a
Warning: cannot open /proc/net/dev (No such file or directory). Limited output.
Warning: cannot open /proc/net/dev (No such file or directory). Limited output.
venet0 Link encap:UNSPEC HWaddr 07-40-00-6A-12-40-80-70-00-00-00-00-00-00-00-00
inet addr:127.0.0.1 P-t-P:127.0.0.1 Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

Warning: cannot open /proc/net/dev (No such file or directory). Limited output.
venet0:0 Link encap:UNSPEC HWaddr 00-00-FF-FF-FF-FF-00-00-00-00-00-00-00-00-00-00
inet addr:72.232.xxx.xxx P-t-P:72.232.xxx.xxx Bcast:0.0.0.0 Mask:255.255.255.255
UP BROADCAST POINTOPOINT RUNNING NOARP MTU:1500 Metric:1

Any Idea how to solve the cannot open /proc/net/dev error??

Thanks so much for your assistance so far.

EDIT As a side note I can ping the guest IP from the outside world

EDIT In my haste I neglected to make or copy a resolv.conf to /etc After doing that I can reach the outside world. I would still like to fix the error though.

Subject: Re: Anyone make a working Gentoo Template?
Posted by wimalopaan on Thu, 05 Jan 2006 18:17:07 GMT
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Just mount /proc inside the VPS:

mount -t proc none /proc

Subject: Re: Anyone make a working Gentoo Template?
Posted by devnu11 on Fri, 06 Jan 2006 17:50:42 GMT
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Thanks wimalopaan, that solved that problem Now for the next one!

My Gentoo Template seems to be working fine except for if I type "reboot" The vps shuts down fine but never comes back up. I tried manually running the reboot cron job and it still did not start. I created a CentOS guest and rebooted that vps and it did come back up so It's not a problem with the cron job. There must be something which has to be added to the gentoo template or the gentoo scripts in /etc/sysconfig/vz-scripts/dists/scripts

Anyone have any suggestions?

Subject: Re: Anyone make a working Gentoo Template?
Posted by phpfreak on Sat, 07 Jan 2006 02:36:32 GMT
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I gave that a shot, but when I try to enter the VE, It kicks out this error:

[root@vz-test template]# vzctl enter 1001
Unable to open pty: No such file or directory
enter failed

Seen that yet?

Subject: Re: Anyone make a working Gentoo Template?
Posted by devnu11 on Sat, 07 Jan 2006 02:42:01 GMT
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Create the pty or any such device by the following:

cd /vz/root/111/dev; /vz/root/111/sbin/MAKEDEV pty

For some reason swsoft told me to try and create it that way instead of through /vz/private/111.

Good Luck

Subject: Re: Anyone make a working Gentoo Template?
Posted by phpfreak on Sat, 07 Jan 2006 02:47:11 GMT
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That makes sense, but I'm not sure about running it on the host machine, shouldn't we try this through vzctl exec?

Subject: Re: Anyone make a working Gentoo Template?
Posted by phpfreak on Sat, 07 Jan 2006 02:53:48 GMT
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That worked. Here's what I ran:

vzctl exec 1001 "cd /dev; /sbin/MAKEDEV pty"

[root@vz-test root]# vzctl exec 1001 "cd /dev; /sbin/MAKEDEV pty"
/sbin/MAKEDEV: warning: can't read /proc/devices
/sbin/MAKEDEV: warning: can't read /proc/devices
[root@vz-test root]# vz enter 1001
entered into VPS 1001
localhost / #
localhost / #
localhost / #

Thanks Now on to figuring out this networking issue!

Subject: Re: Anyone make a working Gentoo Template?
Posted by devnu11 on Sat, 07 Jan 2006 03:00:39 GMT
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Look up in this post, wimalopaan, attached an attachment which worked very well. Just replace the 192... IP with your vps IP. Then do "rc-update add net.venet0 default" to have the script start at boot

Good Luck!

Subject: Re: Anyone make a working Gentoo Template?
Posted by phpfreak on Sat, 07 Jan 2006 03:18:30 GMT
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Cool, I got the networking to work

Thanks,