Subject: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 14:45:13 GMT
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Hi everybody,
some days ago I installed Openvz on a Fedora Core 4 box.
Also, i installed Suse 9.3 and copied the whole image into the private-server-area on the server.
Yet, the server works, BUT:
ALL services (including network and ssh - who needs em don´t BOOT automatic. While watching Yast, all init-scripts should boot while starting the server. What´s wrong :-< ?
After doing a /etc/init.d/network start and a /etc/init.d/ssh start, server is reachable from outside well .
Also, the server hangs off if you do a vzctl stop vpsnumber.
Seems to be a big problem with the start/stop scripts. Any ideas?
If we could fix this problem up, i could test it and then would give anyone the sources so that everybody could install 9.3 Suse on its own.

Thanks,
Regards,
Ronny

Subject: Re: Suse 9.3 Image - Creating
Posted by kir on Mon, 16 Jan 2006 15:04:08 GMT
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(1) Stop can be easily fixed by commenting out this line in /etc/init.d/halt:
test -n "$REDIRECT" && exec 0<> $REDIRECT 1>&0 2>&0

I.e. you should put # as a first character of this line, or just remove it from /etc/init.d/halt.

(2) Can you check what /sbin/chkconfig --add sshd tells you?

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:07:19 GMT
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Hi Kir,

[root@localhost ~]# vzctl enter 110
entered into VPS 110
localhost:/ # /sbin/chkconfig --add sshd
insserv: Service boot.localfs has to be enabled for service sshd
insserv: exiting now!
/sbin/insserv failed, exit code 1
sshd 0:off 1:off 2:off 3:on 4:off 5:on 6:off

localhost:/ #

?

Thanks
Ronny

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:10:31 GMT
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I re-installed my image,

localhost:/ # /sbin/chkconfig --add sshd
sshd 0:off 1:off 2:off 3:on 4:off 5:on 6:off
localhost:/ #

all fine here, but still no ssh / network working after vps start :-<

Thanks
Ronny

Subject: Re: Suse 9.3 Image - Creating
Posted by kir on Mon, 16 Jan 2006 15:16:42 GMT
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Is /sbin/chkconfig --add network tells it's OK (enabled)?

If no, enable the boot stuff it needs, recursively

If yes, check what your /var/log/messages (the one inside a VPS) has to say about networking and sshd.

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:18:14 GMT
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Hi

localhost:/ # /sbin/chkconfig --add network
network 0:off 1:off 2:on 3:on 4:off 5:on 6:off
localhost:/ #

Is ok, too. I will check my logs now

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:21:41 GMT
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Strange

messages: Jan 16 17:24:19 localhost init: Switching to runlevel: 6
(only from reboot)

:-<

Only running things after reboot / start vps are:

```
localhost:/var/log # ps ax
  PID TTY      STAT   TIME COMMAND
    1 ?        Ss     0:00 init
 6811 ?        Ss     0:00 vzctl: pts/0
 7836 pts/0    Ss     0:00 bash --login -i
 7899 pts/0    R+     0:00 ps ax
```

:-< ?
Thanks
Ronny

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:22:56 GMT
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Seems all ok, but don´t work. Looks like Suse doesn´t get the "runlevel" ?

```
localhost:/var/log # /sbin/chkconfig
Makefile                off
SuSEfirewall2_init      off
SuSEfirewall2_setup     off
acpid                   off
alsasound                on
atd                     off
autoyast                off
boot.cleanup             on
boot.clock               on
boot.coldplug            on
boot.crypto              on
```

boot.device-mapper on
boot.evms off
boot.idedma on
boot.ipconfig on
boot.isapnp on
boot.klog on
boot.ldconfig on
boot.loadmodules on
boot.localfs on
boot.localnet on
boot.md on
boot.proc on
boot.restore_permissions on
boot.rootfsck on
boot.sched off
boot.scpm on
boot.scsidev off
boot.shm on
boot.swap on
boot.sysctl on
boot.udev on
cron on
dbus on
earlykbd on
earlysyslog on
fbset on
gpm off
hal on
hwscan on
irq_balancer on
joystick off
kbd on
mdadmd off
netstat off
network on
nfs on
nfsboot on
nscd on
openct off
pcscd off
portmap on
postfix on
powersaved on
random on
raw off
resmgr on
rpasswdd off
rpmconfigcheck off

```
slpd                    off
sshd                     on
syslog                   on
systat                  off
xdm                      on
localhost:/var/log #
```

Subject: Re: Suse 9.3 Image - Creating
Posted by kir on Mon, 16 Jan 2006 15:29:40 GMT
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You can also debug startup scripts by putting something like this to /sbin/rc:

exec 1>/tmp/init.out 2>&1

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:34:25 GMT
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Hi Kir,

under /sbin, there are only the following files starting with rc:

```
lrwxrwxrwx   1 root root      31 Jan 16 17:13 rcSuSEfirewall2 -> /etc/init.d/SuSEfirewall2_setup
lrwxrwxrwx   1 root root      25 Jan 16 17:13 rccoldplug -> /etc/init.d/boot.coldplug
lrwxrwxrwx   1 root root      17 Jan 16 17:13 rcfbset -> /etc/init.d/fbset
lrwxrwxrwx   1 root root      15 Jan 16 17:13 rckbd -> /etc/init.d/kbd
lrwxrwxrwx   1 root root      19 Jan 16 17:13 rcnetwork -> /etc/init.d/network
lrwxrwxrwx   1 root root      19 Jan 16 17:13 rcportmap -> /etc/init.d/portmap
lrwxr-xr-x   1 root root     19 Jan 16 17:18 rcpostfix -> /etc/init.d/postfix
lrwxrwxrwx   1 root root      18 Jan 16 17:13 rcsyslog -> /etc/init.d/syslog
lrwxrwxrwx   1 root root       4 Jan 16 17:13 reboot -> halt
```

?
Thanks
Ronny

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:36:19 GMT
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I found a rc script under /etc/rc.d/rc

And added as first line this exec 1>/tmp/init.out 2>&1
Let´s try

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:37:33 GMT
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stty: standard input: Inappropriate ioctl for device

This error seems to happen, after it, init stops the scripts (?) (one and only entry)

Maybe it depends on this piece of code of original Suse´s rc:

snip

set -- $(stty size < $REDIRECT)

snap

?

Subject: Re: Suse 9.3 Image - Creating
Posted by kir on Mon, 16 Jan 2006 15:42:09 GMT
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It should be rather harmless per se; still, try to comment it out and continue debugging

Subject: Re: Suse 9.3 Image - Creating
Posted by Ronny on Mon, 16 Jan 2006 15:49:01 GMT
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I found some postings with Google about people having the same problem.

http://list.linux-vserver.org/archive/vserver/msg01363.html

I did it this way, and now it SEEMS to work. I will test again (with hard - reboot and so on). If it works, and all works fine, i will publish my Suse-9.3-Image soon for the public so everyone can use it.

Thanks for your help, Kir
Regards,
Ronny