Subject: Re: Troubleshooting VE start failure
Posted by kir on Sat, 16 Aug 2008 04:44:01 GMT
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There are a lot of approaches...

First of all, check dmesg | tail for any erorrs. Then run vzctl start with --verbose.

Check VE config (/etc/vz/conf/$VEID.conf) -- there should be a usual set of parameters. From what I see you do not have OSTEMPLATE parameter specified -- not a problem since vzctl falls to default which happen to be RedHat/Fedora and this is what you're actually running but for the sake of completeness set it to fedora-8 or smth.

If that won't help, issue vzctl mount $VEID and cd to /vz/root/$VEID. There you can see the VE filesystem. It should look like a normal Linux/UNIX filesystem, i.e. stuff like /bin /lib /sbin /usr /proc etc.

Now you can chroot into it and run some checks:
chroot /vz/root/$VEID
check all RPM packages, there should be a number of warnings but not too much
rpm -Va
(if rpm won't start that something really bad happened to your VE)
check /dev, there should be some basic stuff
ls -l /dev
check logs, they might give you a clue what happened
less /var/log/messages
check /sbin/init
ls -l /sbin/init
ldd /sbin/init # see that all libraries are resolved
check /etc/inittab
less /etc/inittab