Subject: Re: openvz and SuSE
Posted by kir on Wed, 01 Feb 2006 17:00:28 GMT
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Daniel Bauer wrote:

> From: "Kir Kolyshkin" <kir@openvz.org>
>
>> Daniel Bauer wrote:
>>
>>>> Which suse version do you have?
>>>
>>>
>>> 9.3 or 10.0, I prefer 9.3, the VPS should be SuSE 9.3
>>
>>
>> OK. I remember that somebody created some SuSE templates, search in
>> forum.openvz.org.
>
>
> I've found this message:
> http://forum.openvz.org/index.php?t=msg&th=190&start =0&
>
> and his site
> http://web150.dd01.profihoster.net/
>
> but there is only a template for SuSE 9.3 64bit server-image for
> openVZ (155 MB)

Ask the author about x86 (i386) template as well :) if he will have
enough requests he may consider doing it :)

>> If you are brave enough you can try doing it all yourself. This is
>> not very complicated -- basically you need to create a chrooted
>> environment with all the needed stuff installed. All the needed stuff
>> are libraries, startup scripts and init, some programs (like ssh)
>> etc. Then you run this in a VPS.
>
>
> I think this is the best way, maybe I could use my existing real
> machines or do I have to include something for VPS in the
> configurations / patches / modification?

Well, as a minimum you should
(1) modify /etc/fstab so it will not try mounting your real hard disk
partition(s)
(2) remove getty from /etc/inittab
(3) some suse versions requires to comment out one line in /sbin/rc

(will tell you later which one)

Everything else is optimizations. This can include:

(4) quit using tmpfs for /dev
(5) moving from udev to static /dev
(6) remove extra entries from /dev to save disk space and inodes
(7) remove kernel, grub, kernel module tools - those are not needed (in order for RPM to be happy, you might add a short dummy rpm which virtually 'Provides:' all this stuff)
(8) modify initscripts to boot faster
(9) ...and so on.
But those are just optimizations -- they are not strictly required.

> I found this kernel for my machine:
> http://download.openvz.org/kernel/022stab064.1/ovzkernel-ent
erprise-2.6.8-022stab064.1.i686.rpm
>
>
> What about security fixes with this kernel?

We have included a lot of security fixes in our kernel (all that are known to date) -- just read change logs.