
Subject: Re: openvz and SuSE

Posted by [Daniel Bauer](#) on Thu, 02 Feb 2006 16:27:16 GMT

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From: "Kir Kolyshkin" <kir@openvz.org>

> 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)

ok, that sounds good, I'll have a try with SuSE.

I've started now with installing fedora-core 4 and updated the kernel as mentioned, some prebuild VPS are still running. But how can I access now some physical harddisks? I need to mount /dev/sdd1 (my data partition). How to enable the second eth interface?

> 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-enterprise-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.

so you update this kernel with actual patches and the OpenVZ Users could install the new one everytime it's released?

Daniel
