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Subject: OpenVz on 64 bit Fedora 10

Posted by [isoips](#) on Fri, 20 Mar 2009 07:35:16 GMT

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I would like to try OpenVZ. I have a Fedora 10 distro (x86-64), with Xen installed. So I would install OpenVZ, leaving Xen and Fedora 10 original kernel.

I think it is possible to create a new entry on menu.lst which I can select to boot openvz or other operating system.

Is it possible?

My current kernel is 2.6.27.5-117-fc10-x86\_64.

Thank you

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Subject: Re: OpenVz on 64 bit Fedora 10

Posted by [schjeall](#) on Fri, 20 Mar 2009 09:10:06 GMT

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Hello

Maybe I'm getting this wrong, but I think Fedora 10 only works as a guest under XEN. For Fedora 10 you need to also install xenner.

Read [http://docs.fedoraproject.org/release-notes/f10/en\\_US/What\\_Do\\_System\\_Administrators\\_Care\\_About.html#sn-Virtualization](http://docs.fedoraproject.org/release-notes/f10/en_US/What_Do_System_Administrators_Care_About.html#sn-Virtualization)

Quote:8.3.1. Unified kernel image

The kernel-xen package has been obsoleted by the integration of paravirtualization operations in the upstream kernel. The kernel package in Fedora 10 supports booting as a guest domU, but will not function as a dom0 until such support is provided upstream. The most recent Fedora release with dom0 support is Fedora 8.

Bootting a Xen domU guest within a Fedora 10 host requires the KVM based xenner. Xenner runs the guest kernel and a small Xen emulator together as a KVM guest.

You can read more about xenner here <http://kraxel.fedorapeople.org/xenner/>

Short status for xenner

Quote:CPU emulation works quite well now. Boots all three x86 variants (32bit non-pae, 32bit pae and 64bit) of xen paravirtualized kernels. UP runs fine, SMP is unstable.

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Subject: Re: OpenVz on 64 bit Fedora 10

Posted by [isoips](#) on Fri, 20 Mar 2009 10:48:40 GMT

Thank you, I thought Fedora 10 was able to run as a Dom0.  
So I downgrade Fedora 10 to Fedora 8.

I spend a lot of time to customized it

Is it possible to install OpenVz and Xen and normal kernel in the same partition? (3 different boot entries)

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Subject: Re: OpenVz on 64 bit Fedora 10  
Posted by [schjeall](#) on Mon, 23 Mar 2009 07:47:26 GMT  
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Hello

Yes, this should be possible to install 3 boot kernels on the same partition, FC8, FC8-XEN and OpenVZ.

From OpenVZ Users Guide:

Quote:Next, you shall install the kernel RPM of your choice on your Hardware Node by issuing the following command:

```
# rpm -ihv vzkernel-name*.rpm
```

Note: You should not use the rpm -U command (where -U stands for "upgrade"); otherwise, all the kernels currently installed on the Node will be removed.

Just don't use the -U option!

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