Subject: Seeking comment on setup
Posted by satimis on Wed, 22 Sep 2010 10:39:51 GMT
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Hi folks,

I haven't run OpenVZ for sometimes and am prepared to comeback.

1)
OpenVZ supports kernel sharing running on its own kernel. Previously it didn't support full virtualization, unable to run Windows on it. Is there any change on this arrangement?

2)
OpenVZ supports virtualizer on virtualizer which I found on searching but never testing it, i.e another virtualizer can run on the guest of OpenVZ

Now I'm prepared making following test OR setup

a)
host - Debian 600 desktop (squeeze, testing), 64 bit

b)
guests - all 64 bit Linux including desktop

c)
install Oracle VirtualBox on a guest.

d)
install Windows on VirtualBox and Linux OS which needs playing sound

e)
Would there be any sound problem on OpenVZ?

f)
Can serial port be attached to guest for connecting external modem?

Please advise. TIA

B.R.
satimis

Subject: Re: Seeking comment on setup
Posted by TheStig on Wed, 22 Sep 2010 14:24:13 GMT

as i'm currently waiting for my kernel to finish compiling, i'll try to answer a few... even if u could probably find out most of it by googling a bit

Quote:1)
OpenVZ supports kernel sharing running on its own kernel. Previously it didn't support full virtualization, unable to run Windows on it. Is there any change on this arrangement?
openvz itself will never be able to run windows! but u can use a kernel that also has KVM- (like proxmox ve) or XEN-support enabled and run win this kind of virtualization.

Quote:2)
OpenVZ supports virtualizer on virtualizer which I found on searching but never testing it, i.e another virtualizer can run on the guest of OpenVZ
afaik it is possible to start a eg. vmware-server in a virtualized-openvz container.

Subject: Re: Seeking comment on setup
Posted by satimis on Wed, 22 Sep 2010 15:27:06 GMT

TheStig wrote on Wed, 22 September 2010 22:24as i'm currently waiting for my kernel to finish compiling, i'll try to answer a few... even if u could probably find out most of it by googling a bit

Hi,

Thanks for your advice.

Quote:
Quote:1)
OpenVZ supports kernel sharing running on its own kernel. Previously it didn't support full virtualization, unable to run Windows on it. Is there any change on this arrangement?
openvz itself will never be able to run windows! but u can use a kernel that also has KVM- (like proxmox ve) or XEN-support enabled and run win this kind of virtualization.

Could you pls explain in more detail? If NOT running OpenVZ kernel can the Linux guest share kernel? Thanks

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OpenVZ supports virtualizer on virtualizer which I found on searching but never testing it, i.e another virtualizer can run on the guest of OpenVZ
afaik it is possible to start a eg. vmware-server in a virtualized-openvz container.

Thanks. If VMWare can run on a virtualized-OpenVZ container I trust Oracle VirtualBox also can run on it.

B.R.
satimis

Subject: Re: Seeking comment on setup
Posted by TheStig on Wed, 22 Sep 2010 15:53:35 GMT
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Quote:

Could you pls explain in more detail? If NOT running OpenVZ kernel can the Linux guest share kernel? Thanks

i'm not sure if i know what you mean by that?! if there is no openvz-enabled kernel running, how should there be a guest system?
openvz works by only running one kernel (hence the operating system) that is extended so it can run linux-distributions in a container - but that container uses the same underlying linux kernel as the hardware node does - and as windows needs it's own kernel (as does solaris/bsd for that matter) it can't be compatible with openvz.

however, it is possible to also extend your kernel with KVM or XEN(probably virtualbox as well, see: http://forum.openvz.org/index.php?t=msg&goto=34609&) and run windows (or solaris/BSD etc.) with that kind of virtualization technology.

i have no idea, if virtualbox runs in a VPS. i would guess that it won't. anyway, i don't see an advantage of running windows inside a openvz-guest.

Subject: Re: Seeking comment on setup
Posted by satimis on Wed, 22 Sep 2010 16:29:42 GMT
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TheStig wrote on Wed, 22 September 2010 23:53Quote:

Could you pls explain in more detail? If NOT running OpenVZ kernel can the Linux guest share kernel? Thanks

i'm not sure if i know what you mean by that?! if there is no openvz-enabled kernel running, how should there be a guest system?
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run linux-distributions in a container - but that container uses the same underlying linux kernel as the hardware node does - and as windows needs it's own kernel (as does solaris/bsd for that matter) it can't be compatible with openvz.

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Thanks for your advice and URL.

On message #32916 of that URL it mentions
To answer your question, Virtual Box will run openvz

which is important to me. I can run the other way round, installing OpenVZ on VM and install Linux OS on its guests which don't require sound.

Quote:
i have no idea, if virtualbox runs in a VPS. i would guess that it won't. anyway, i don't see an advantage of running windows inside a openvz-guest.
I won't run Windows on OpenVZ unless it supports full virtualization.

B.R.
satimis