
Subject: Xen hypervisor vs OpenVZ

Posted by [ckkashyap](#) on Tue, 05 Apr 2011 14:29:45 GMT

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Hi,

I am trying to do benchmarking of performance in Xen VM and OpenVZ VM.

I went over the paper -

<http://www.hpl.hp.com/techreports/2007/HPL-2007-59R1.pdf>

What we are looking for from the "virtualization" solution is server consolidation and we do not intend to run multiple kernels - so OpenVZ seems like a good choice.

Are there more recent papers on such as the paper from HP?

Regards,
Kashyap

Subject: Re: Xen hypervisor vs OpenVZ

Posted by [Tim Small](#) on Tue, 05 Apr 2011 15:08:30 GMT

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On 05/04/11 15:29, C K Kashyap wrote:

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I don't know, but I would consider the real competition to be between OpenVZ and libvirt/KVM - I don't think Xen is going anywhere in the long term.

KVM supports the use of kernel-same-page-merging (KSM), which OpenVZ doesn't (yet?). For some applications KSM can be a big win...

We currently use/support both OpenVZ and kvm.

Tim.

--

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Subject: Re: Xen hypervisor vs OpenVZ
Posted by [ckkashyap](#) on Tue, 05 Apr 2011 16:40:33 GMT
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> We currently use/support both OpenVZ and kvm.
>
> Tim.
>
>
> Thanks Tim ... from a pure performance standpoint, I'd imagine that any
kind of emulation/virtualization would have an overhead which is more than
openvz . So, if the usecase does not involve running different kernels, then
openvz style partitioning of system resources would yield more performance.
I am looking for more evidence supporting that :)

Regards,
Kashyap

Subject: Re: Xen hypervisor vs OpenVZ
Posted by [Paparaciz](#) on Tue, 05 Apr 2011 16:54:02 GMT
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On Tue, Apr 5, 2011 at 17:29, C K Kashyap <ckkashyap@gmail.com> wrote:
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<http://wiki.openvz.org/Performance>
