
Subject: Re: [PATCH 0/9] namespaces: Introduction
Posted by [John Kelly](#) on Fri, 19 May 2006 19:45:43 GMT
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On Fri, 19 May 2006 11:28:08 -0700, "Hua Zhong" <hzhong@gmail.com>
wrote:

- > how many virtualization technologies Linux should support?
- > Particularly, does it need to support both OS-level virtualization

If users want it. I do.

- > It seems at least the VM approach is much less risky. It might be helpful
- > if someone could explain why we need both.

A better question is, why can't we have both?

I don't have unlimited memory and disk. I need to conserve my
resources as much as possible.

The one-kernel approach saves memory, leaving more for applications.
That's important to me. I don't need to run multiple kernels, and I
don't want to. I only want multiple secure operating environments.

The one-kernel approach also makes it easy to have all VPS in one disk
partition, without the performance penalty of file backed I/O.

If the VM approach is truly less risky, seems to me the Xen/VMware
developers should be able to succeed independently, despite changes
made for in-kernel virtualization.

I'm glad someone asked a question I could answer. :-)
