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Subject: Re: Re: lvm and openvz

Posted by [David Brown](#) on Thu, 29 Mar 2012 09:09:59 GMT

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On 29/03/2012 11:04, Kir Kolyshkin wrote:

> On 03/28/2012 11:49 AM, David Brown wrote:

>>

>> I /really/ wish the openvz developers would move beyond kernel

>> 2.6.32 - kernel 2.6.33 introduced snapshot merging to LVM which

>> would play wonderfully with this setup.

>

> I'm not sure why people think that RHEL6 kernel is pure 2.6.32. It is

> definitely not!

>

> For snapshot merging, I am not an expert here but googling for 'rhel6

> lvm snapshot merging' gave me this:

>

> [http://www.linuxtopia.org/online\\_books/rhel6/rhel\\_6\\_lvm\\_admin/rhel\\_6\\_lvm\\_snapshot\\_merge.html](http://www.linuxtopia.org/online_books/rhel6/rhel_6_lvm_admin/rhel_6_lvm_snapshot_merge.html)

>

>

>

> and this:

>

> <https://access.redhat.com/knowledge/solutions/58510>

>

> Both articles suggest RHEL6 kernel supports LVM snapshot merging, and

> so should OpenVZ RHEL6-based kernel.

>

> PS If you are using non-rhel6 openvz kernel, it's definitely time to

> switch, and lots of reasons to do that besides LVM snapshot merging.

> Notable things are vswap, ploop, stability...

>

> Kir.

I am using a non-rhel6 openvz kernel because I don't use RHEL - I use Debian on my servers. Are you suggesting that I should specifically use the RHEL6 openvz kernel even though I use Debian? That's something I haven't thought of trying, but if it is the recommendation of the OpenVZ developers, then I will give it a shot.

More generally, I would hope that one day OpenVZ will change over to following the current kernel (or perhaps the current long-term support kernels) - there has been a lot of development since 2.6.32, not all of which gets backported by Red Hat. I'd expect that a lot of OpenVZ code can be merged with or replaced by the container support in later kernels. I also think that if OpenVZ doesn't catch up, then people will migrate to other solutions such as Linux VServer or LXC (I know I

considered it for the last server I configured).

Of course, I fully appreciate that something like that takes a lot of effort, and that means time, money, people to do the work, testing, etc., etc. But one can still hope!

David

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