
Subject: Re: Re: lvm and openvz

Posted by [John Knight](#) on Thu, 29 Mar 2012 21:44:24 GMT

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That makes perfect sense. Running debian containers on the el6 kernel on a centos node before has shown me that there are no fundamental issues with the debian toolchain or command line binaries running on the el6-kernel-compiled-on-el6, but it makes sense that there would be a lot more possibilities of bugs compiling it on debian directly.

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On 3/29/2012 5:36 PM, Kir Kolyshkin wrote:

> On 03/29/2012 01:32 PM, John Knight wrote:

>> With regard to David Brown, I haven't been a Debian user for nearly 5
>> years but I do recall other people compiling the openvz el6 branch in
>> Debian without much trouble.

> While theoretically it's probably the best and most natural way,

> practically I do not recommend doing it (at least unless you will also

> use toolchain/gcc from RHEL6). Kernel is big and complex, as well as

> gcc, and the improper combination of two could lead to bad results.

> This is not paranoia, I have seen a number of times when kernel code

> was miscompiled because of older/newer gcc version used, with a weird

> runtime effects.

>

> This is why we recommend taking binary rpm and using alien on it.

> While not a good thing from purist point of view*, practical result is

> the very same (ie bit by bit) kernel and modules, tried and trusted,

> tested and working.

>

> * being a purist, I do not like it. But I also know that this way it

> works, and compiler and toolchain indeed make a difference.