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Subject: Re: VServer vs OpenVZ

Posted by [Kir Kolyshkin](#) on Tue, 06 Dec 2005 14:17:18 GMT

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My view of subject is definitely biased towards OpenVZ, but still: there are areas where OpenVZ is definitely more developed than VServer. Let me concentrate on three of these.

First is stability. By sticking to old (currently 2.6.8) kernel and backporting all the bug fixes, security fixes and hardware driver updates, we make OpenVZ kernel very stable. We do a lot of kernel testing in house, including stress testing.

Second is resource management. There are a lot of resources that can be abused from inside VServer guest or OpenVZ VPS, leading to at least DoS; some of those resources are not under control of traditional UNIX means such as ulimit. In OpenVZ we have User Beancounters (UBC for short), which accounts and limits about 20 of such resources (including IPC objects, various kernel buffers etc).

Third is virtualized network stack. AFAIK VServer's ngnet is not yet ready for prime time yet, while OpenVZ's venet is here. Without fully virtualized network stack people are experiencing problems like this one:

<http://www.paul.sladen.org/vserver/archives/200511/0165.html>

<http://www.paul.sladen.org/vserver/archives/200511/0189.html>

Regards,

Kir, OpenVZ project leader

Eugen Leitl wrote:

>Before I try OpenVZ I would like to hear comments of people  
>who've ran both VServer and OpenVZ, preferably on the same  
>hardware, on how both compare.

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>Factors of interest are stability, Debian support,  
>hardware utilization, documentation and community support,  
>security.

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>My planned usage is VServers in a hosting setting.

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