
Subject: Re: first stable release of OpenVZ kernel virtualization solution

Posted by [dev](#) on Tue, 06 Dec 2005 14:16:33 GMT

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Ingo Molnar wrote:

> * Andrey Savochkin <saw@sawoct.com> wrote:

>>OVZ certainly has room for improvements with respect to swap. What I
>>want to point out is that swapout management is a complex task. When a
>>low-priority VPS exceeds its limits, it is not always beneficial for
>>others to make it swap out: swapout wastes disk bandwidth, and to some
>>extent CPU power. 'Dirty data threshold' could have helped, but it
>>reduces the overall performance of the system, especially if the
>>number of VPSs is small. Imagine only one VPS running: artificial
>>'dirty data threshold' would certainly be counter-productive.

>

> but what you have right now is an in essence swapless system, correct?

> Do you support swapping at all in OVZ instances?

Yes, swap is supported and processes are swapped in/out as in usual
kernel. The only difference in comparison with std kernel is that UBC
limits the amount of swappable memory VPS can have.

Kirill
