Subject: Fair amount of IO usage?
Posted by tmikaeld on Mon, 21 Jan 2013 12:49:56 GMT
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Hello,

I couldn't find any answer to this question.

How can i fairly split IO resources between 4 VZ containers on one server?

Subject: Re: Fair amount of IO usage?
Posted by amissus on Tue, 22 Jan 2013 19:10:10 GMT
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What about ioprio?

openvz.org/I/O_priorities_for_containers

Subject: Re: Fair amount of IO usage?
Posted by mustardman on Thu, 24 Jan 2013 17:16:12 GMT
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amissus wrote on Tue, 22 January 2013 14:10What about ioprio?

openvz.org/I/O_priorities_for_containers

Which I think is already set to evenly split priorities by default.

This seems to work on CentOS 6 based OpenVZ but does not work very well if at all on CentOS 5. On CentOS 5 I had one customer hogging lots of I/O and when I reduced their I/O priority from the default of 4 to 3 it seemed to negatively affect the entire server load and would kill their I/O.

After I upgraded the server to CE6 their I/O was much more controlled at the default of 4 and didn't seem to affect other customers as much.

Subject: Re: Fair amount of IO usage?
Posted by tmikaeld on Fri, 25 Jan 2013 07:31:07 GMT
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Thanks for the replies.

Yes, i have read several threads about CentoOS users having problems with IO scheduler and overconsumption of IO.
But there also seem to be differences between each VZ kernel, some work terrible and some work

great.

I guess i'd have to handle it on the road..

Subject: Re: Fair amount of IO usage?
Posted by mustardman on Fri, 25 Jan 2013 18:55:24 GMT
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tmikaeld wrote on Fri, 25 January 2013 02:31Thanks for the replies.

Yes, i have read several threads about CentoOS users having problems with IO scheduler and overconsumption of IO.
But there also seem to be differences between each VZ kernel, some work terrible and some work great.

I guess i'd have to handle it on the road..

My advice is to upgrade to CE6. Our servers have been solid as a rock since we upgraded. it seems to handle things like memory and I/O sharing better, no more issues with Java due to the new memory management, and you can do things like PPTP VPN.

We also had issues with the network interface dying on CE5 OpenVZ every few weeks requiring a reboot and that went away when we updated to CE6.

Subject: Re: Fair amount of IO usage?
Posted by tmikaeld on Sat, 26 Jan 2013 09:42:42 GMT
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mustardman wrote on Fri, 25 January 2013 13:55tmikaeld wrote on Fri, 25 January 2013 02:31Thanks for the replies.

Yes, i have read several threads about CentoOS users having problems with IO scheduler and overconsumption of IO.
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We also had issues with the network interface dying on CE5 OpenVZ every few weeks requiring a

reboot and that went away when we updated to CE6.

Thank you for the advice, i'm sure more people use CE5 still.

But we are using Debian 6 at the moment, don't know if there is problems with this over there - at least i don't think so, haven't found any.

I mostly wanted to make sure that IO was divided equally, and it seem to be.