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Subject: Video Streaming and graphics  
Posted by [shuaib85](#) on Tue, 18 Dec 2007 06:23:11 GMT  
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Hi guys

I am wondering about the graphical support of openvz.

Is there a way that we can run a GUI of the instances. For instance I want to have a video streaming server on one of the instances. Is it doable?

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Subject: Re: Video Streaming and graphics  
Posted by [kir](#) on Tue, 18 Dec 2007 11:26:06 GMT  
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AFAIK video streaming server doesn't require any GUI -- a client do.

As for the GUI, you can run Xvnc inside a VE (and any X apps on top of it)

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Subject: Re: Video Streaming and graphics  
Posted by [shuaib85](#) on Tue, 18 Dec 2007 13:42:18 GMT  
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Thanks for the answer, but I googled AFAIK and I got the result As Far As I know. I did searched AFAIK video streaming but i did not get any website. Do you know the link or different name for it. Thanks a lot, I appreciate your cooperation

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Subject: Re: Video Streaming and graphics  
Posted by [kir](#) on Tue, 18 Dec 2007 13:59:12 GMT  
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What I meant is "As far as I know, video streaming server doesn't require any GUI".

I don't have any experience with video streaming servers, though, so I can't really help you here. Quick googling reveals <http://mpeg4ip.sourceforge.net/>

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Subject: Re: Video Streaming and graphics  
Posted by [shuaib85](#) on Tue, 18 Dec 2007 14:07:20 GMT  
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Oops Sorry sir. I misunderstood that. I am not used to abbreviation in English. Anyway thanks for the help.

In fact I am doing a performance study on openvz and linux vserver. I want to run some server that can create cpu load and network traffic. That's why I was asking for video streaming.

Do you know any study that has been conducted before?

Thanks

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Subject: Re: Video Streaming and graphics  
Posted by [kir](#) on Tue, 18 Dec 2007 14:54:30 GMT  
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There's a nice comparison of OpenVZ vs Xen done by HP labs, see  
<http://www.hpl.hp.com/techreports/2007/HPL-2007-59.html>

But I am not aware of any performance comparison between OpenVZ and Linux-VServer. To my mind, you will hardly find any difference in performance -- more interesting stuff to look at would be feature comparison, ease of use comparison, and some more subtle things like quality of isolation, or CPU scheduler behavior.

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Subject: Re: Video Streaming and graphics  
Posted by [adeeln](#) on Tue, 18 Dec 2007 17:28:01 GMT  
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A couple of things....

If you just want to do network testing, there's a packet generator feature in the kernel you can enable which should be able to do your basic load testing. That, or you can use netcat in a client/server setup and just send yourself a large file, or the output from /dev/zero to get the same result. These approaches are probably easier than setting up a streaming server/X/etc. If you are adamant about streaming video, look into the VLC project, as they have documentataion and console support for video streaming.

If you want to get GUI inside a VE, there are a few options, and a couple are covered in the wiki ('X inside VE' i believe is the title). Depending upon your setup, it might be easier to use Xvnc, or you can setup XDM with the XDMCP enabled inside the VE's, and just point an X server to the appropriate IP.

I've been writing a howto for the latter (XDMCP) but its taking a little while to finish, but I believe I may have written a quickie in the 'X inside VE' article, which should be helpful.

Adeel