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Subject: can't run X applications in Ubuntu 12.04 guest

Posted by [chtlp](#) on Sat, 02 Feb 2013 05:22:28 GMT

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Hi, I am new to OpenVZ, and I have just installed Ubuntu 12.04 guest on a CentOS host machine. Everything works fine except that I can't run X applications over ssh in the guest machine.

I have installed xauth and turned on X11 forwarding, but strangely \$XAUTHORITY is not set and running xclock outputs:

Error: Can't open display:

ssh -vvvY outputs the following log (this is the part of it related to x11):

debug2: x11\_get\_proto: /usr/local/bin/xauth list unix:17.0 2>/dev/null

debug1: Requesting X11 forwarding with authentication spoofing.

debug2: channel 0: request x11-req confirm 0

debug2: client\_session2\_setup: id 0

debug2: channel 0: request pty-req confirm 1

debug2: channel 0: request shell confirm 1

debug2: fd 3 setting TCP\_NODELAY

debug2: callback done

debug2: channel 0: open confirm rwindow 0 rmax 32768

debug2: channel\_input\_status\_confirm: type 99 id 0

debug2: PTY allocation request accepted on channel 0

debug2: channel 0: rcvd adjust 2097152

debug2: channel\_input\_status\_confirm: type 99 id 0

debug2: shell request accepted on channel 0

Welcome to Ubuntu 12.04.2 LTS (GNU/Linux 2.6.32-308.8.2.el5.028stab101.1 x86\_64)

Does anyone has any clues how to solve this?

Best regards.

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Subject: Re: can't run X applications in Ubuntu 12.04 guest

Posted by [chtlp](#) on Sat, 02 Feb 2013 17:37:31 GMT

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About the problem, I checked that Ubuntu might not have a \$XAUTHORITY variable, and in this case xauth should generate a .XAuthority file under \$HOME folder, but for some reason my .XAuthority file is never generated.

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Subject: Re: can't run X applications in Ubuntu 12.04 guest

Posted by [vaverin](#) on Mon, 04 Feb 2013 14:35:23 GMT

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> Welcome to Ubuntu 12.04.2 LTS (GNU/Linux 2.6.32-308.8.2.el5.028stab101.1 x86\_64)

do you use RHEL5-based kernel?  
can you switch to RHEL6?

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Subject: Re: can't run X applications in Ubuntu 12.04 guest  
Posted by [chtlp](#) on Mon, 04 Feb 2013 14:48:11 GMT  
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Vaverin,

Yes, the server is running CentOS 5. Since it's a shared server, I am not sure If I can switch the kernel without causing any disruptions. Can you give some link on how to switch the kernel to RHEL6, or are you suggesting upgrading the system to CentOS 6? (I am still a newbie to Linux, so sorry if I am a little mistaken here.)

Best.

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Subject: Re: can't run X applications in Ubuntu 12.04 guest  
Posted by [vaverin](#) on Mon, 04 Feb 2013 15:39:53 GMT  
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you can install our RHEL6 based kernel and install it on CentOS5 node, it should work.

<http://download.openvz.org/kernel/branches/rhel6-2.6.32/042s> tab072.10

I've checked right now, xclock inside ubuntu 12.04 container works well on my test node with RHEL6-based kernel

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