

Re: X11 forwarding in OpenSSH question

Source: <http://www.derkeiler.com/Newsgroups/comp.security.ssh/2003-11/0148.html>

From: NetNews (narbuzov_at_att.com)

Date: 11/17/03

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I don't need to set DISPLAY variable to hostA:0.0. This way X11 traffic will never go through SSH connection.

If you have X11 forwarding enabled DISPLAY should be set to localhost:11.0 or something like that. It depends which port SSH will open for X11 redirection. Check `netstat -an | grep for 60`

```
tcp 0 0 127.0.0.1:6010 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:6011 0.0.0.0:* LISTEN
tcp 0 0 127.0.0.1:6012 0.0.0.0:* LISTEN
```

"Mike" <mikeumo@onebox.com> wrote in message
news:5B_tb.1187\$AT2.991@newssvr22.news.prodigy.com...

> Hello,

>

> I wonder if someone could help me with this problem.

>

> I have two Linux boxes on LAN (both Mandrake 9.1 on i586, static IP), say

> BoxA and BoxB. BoxA runs X server and BoxB runs sshd

> (openssh-3.6.1p2-mdk1.2.91). I use ssh client (openssh-3.6.1p2-mdk1.2.91)

> from BoxA to login as a user to BoxB where I run X Windows programs (say,

> konqueror) which I want to display on BoxA. As is, situation results in

> (case 1):

>

> libGL error: failed to open DRM: Operation not permitted

> libGL error: reverting to (slow) indirect rendering

> kbuildsycoca running...

> libGL error: failed to open DRM: Operation not permitted

> libGL error: reverting to (slow) indirect rendering

> mcopy warning: user defined signal handler found for SIG_PIPE, overriding

> ... # and many more as I navigate in the opened browser

>

> and konqueror does start, but, as it says, in a slow mode.

>

>

> if I set the DISPLAY variable (in /etc/profile like DISPLAY=BoxA:0.0;

> export DISPLAY) on BoxB to point to BoxA's display then I get (case 2):

>

> Xlib: connection to "192.168.1.3:0.0" refused by server

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- > *Xlib: No protocol specified*
- > *konqueror: cannot connect to X server 192.168.1.3:0.0 # i.e. BoxA display*
- >
- > *now if I use xhost on BoxA to add BoxB to BoxA's access control list*
(xhost
- > *+BoxB) then I get only (case 3):*
- >
- > *kbuildsycoca running...*
- > *mcp warning: user defined signal handler found for SIG_PIPE, overriding*
- >
- > *so, there seem to be fewer problems now. Now the question:*
- >
- > *why ssh/sshd do not resolve connections in the first case automatically?*
- >
- > *I have X11 forwarding enabled in both ssh-client and sshd. It looks to me*
- > *that md5sum cookies do not work in the first ssh case. I also tried to*
- > *extract/merge .XAuthority from BoxA to BoxB with no changes in output.*
- >
- > *Can someone help me to understand the process of ssh forwarding and X*
server
- > *authentication. The man and HOW-TO pages on this matter are confusing.*
- >
- > *Thank you in advance,*
- > *Mikhail.*
- >
- >
- >