

Re: ssh X11forwarding won't work, please help

Source: <http://linux.derkeiler.com/Newsgroups/comp.os.linux.x/2004-08/0033.html>

From: Nils Gorges (noctamid_at_gmx.de)

Date: 08/02/04

Date: Mon, 02 Aug 2004 22:54:49 +0200

Dances With Crows wrote:

> *On Mon, 02 Aug 2004 19:04:34 GMT, Wayne Throop staggered into the Black*

> *Sun and said:*

>

>>> *Nils Gorges <noctamid@gmx.de>*

>>>

>>>> *But anyways, you mean you are setting DISPLAY to machine1:0 and*

>>>> *launching an X app on machine3, right? And "nothing happens"? The*

>>>> *X app doesn't say something like "can't open display" "not*

>>>> *authorized" or somesuch? Are there any error indications at all?*

>>>

>>> *yes exactly, no error messages, nowhere.*

>

>

> *Seems a little strange. But read on...*

>

>

>> *Then it's probably not an access or networking problem. The bad news*

>> *is, that's strange enough that I can't think of anything to suggest.*

>>

>>> *But now ssh -X sets the DISPLAY variable. There are now firewall*

>>> *rules and the X Server at machine1 is listening for TCP connections.*

>>> *But this isn't even necessary if you use ssh -X or am I wrong?*

>>

>> *Right, ssh -X will bypass both firewalls and even connect to X servers*

>> *that are only listening for local processes with no tcp connections.*

>> *It does this by the ssh server process operating as a local X process*

>> *on the same machine as the X clients, and the ssh client process operating*

>> *as a local X process on the same machine as the X server, and both*

>> *the X server and the X client being unaware that any traffic is going*

>> *to a remote location.*

>

>

> *FWIW, I had similar problems on Gentoo machines running recent sshd and*

> *X releases. Like so:*

> *machine1:~\$ ssh -X machine2*

> *machine2:~\$ xeyes &*

comp.os.linux.x: Re: ssh X11forwarding won't work, please help

> *(cannot open display localhost:10.0)*
>
> *...however,*
> *machine1:~\$ ssh -Y machine2*
> *machine2:~\$ xeyes &*
> *(works)*
>
> *The -Y option to ssh allows "trusted X11 forwarding", which apparently*
> *does something -X doesn't. I don't really have time to research*
> *specifics right now, maybe later on tonight, but maybe this'll help you*
> *out.*
>

Thank you very much for your suggestions to both of you.

This is really a very strange problem. The `-Y` option is a good idea but at machine1 impossible, because the `openssh-clients` version is too old.

But now i started a brandnew Knoppix at another machine and here is the same problem, doesn't matter if i do `ssh -X` or `ssh -Y` the shell freezes after starting an X process. So i'm sure this problem is coming from the SuSE 9.1 machine3, maybe from the `openssh` version `openssh-3.8p1-33` or some SuSE specific issue, i really don't know....

Nils