

Re: vnc over ssh

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Greetings Nick,

I think that perhaps you have misunderstood the tunnelling feature of SSH (or I am misunderstanding your question). The 'local' tunnelling parameters are:

-L<Local listening port>:<Remote Address>:<Remote Port>

Both the <Remote Address> and <Remote Port> are in the remote machine's context, so 'localhost' is really 127.0.0.1 on remoteAddress.org. The same goes for <Remote Port>.

So the following line would set up the tunnel to VNC the remote machine

```
?ssh remoteAddress.org -l XXXX -L5900:localhost:5900
```

(You seem to be missing the '-L' prefix to the tunnel parameter)

There is no need to set up a secondary tunnel on the localhost as it is already done. My final suggestion will be a two batch files like this

```
1. vnc.sh
#/bin/sh
sleep 30
vncviewer localhost:5900
```

```
2. start_ssh.sh
#/bin/sh
sh vnc.sh &
ssh XXXX@remoteAddress.org -L5900:localhost:5900
```

When you call start_ssh.sh you have 30 seconds to login successfully and then vnc viewer is started. Not that pretty, but it works

Mike

Nick Williams wrote:

```
> greetings! i have set up a vnc server on a windows 2000 and a windows
> xp box and would like to connect to them over the internet. i have
> decided to connect over ssh. i have cygwin and openssh running on the
```

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> vncServer machines.
>
> i run cygwin by clicking on a shortcut. the shortcut also calls
> vnc.bat. vnc.bat successfully runs in cygwin.
>
> i want to use this ability to set up my ssh connections so all i have
> to do is click on the cygwin shortcut and then the vncviewer shortcut.
>
> when i run cygwin without the vnc.bat i connect fine and vnc works
> using these commands...
> ?ssh remoteAddress.org -l XXXX 5900:localhost:22
> Enter password for XXXX:? YYYY
> XXXX@remoteAddress.org:? ssh localhost -l XXXX 22:localhost:5900
> Enter password for XXXX:? YYYY
>
> as i said... after doing this all i do is start the vncviewer and all
> is good.
>
> is there a one line command i can use to set up the port forwarding on
> both the viewing machine and the serving machine at the same time? i
> cant use this 2 command proccess in the bat file because the second
> line is not run until the first ssh command disconnects..
> ssh remoteAddress -l XXXX -L 5900:localhost:22 ...???
>
> thanx!!
> Nick Williams