

## Port forwarding and PC listening question

**Source:** [http://www.derkeiler.com/Mailing-Lists/securityfocus/Secure\\_Shell/2004-01/0032.html](http://www.derkeiler.com/Mailing-Lists/securityfocus/Secure_Shell/2004-01/0032.html)

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People:

I hope someone can give me a boost.

I am trying to use OpenSSH in cygwin environment to access unix machines from a windows 2000 PC, and to use port forwarding to obtain a license for operation of software using flexlm license server on the remote unix machine.

I have done this just fine in the past with TTERMPRO with ttssh, using the command

DefaultForwarding=X;Lwin\_port:host:host\_port where win\_port is the port on my windows machine, and host is the remote unix box, where the license is served on host\_port. I have an environment variable on my PC machine "dual" which aims the licence environment variable for flexlm at win\_port@dual

Now, I have to convert to use SSH version 2 to access through the firewalls at NASA, and have to change to something with SSH v2.

I installed cygwin with OpenSSH, and have successfully connected to the remote unix machine, using the ssh command:

ssh -l username -X -v -v -v -Lwin\_port:host:host\_port host, where win\_port is the port number on my PC, etc.

ssh verbose mode tells me

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"debug1: Connections to local port xxxx forwarded to remote address host:host_port"
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"debug1: Local forwarding listening on 127.0.0.1 port win_port"
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[where I replaced actual port numbers, host name, etc. in above text with win\_port, host, etc. for security reasons]

When I try to start the software needing to find the flexlm license at win\_port it does not find it.

I suspect the cygwin or OpenSSH has to explicitly connect the 127.0.0.1 localhost to the PC network somehow, but I don't know how to do it.

Suggestions?

Roy