

Re: Need help installing SSH tunnel

Source: <http://www.derkeiler.com/Newsgroups/comp.security.ssh/2003-07/0338.html>

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> *channel 3: open failed: connect failed: Connection refused*

This could be a problem with the firewall or /etc/hosts.allow on the server. Do both of these permit all connections from localhost? In my /etc/hosts.allow, I have

```
# localhost
ALL : 127.
ALL : xx.xx.xx.xx
```

where xx.xx.xx.xx is the external IP address (on eth0) of the server. This permits all connections from localhost there. Yes, I know the second condition seems strange, because tunneled connections should come over the loopback interface, on 127.0.0.1. I don't understand this either, but until I added it, I also got refused connections.

As a diagnostic, have you tried logging in to the server (say, sitting at its console) and running your ssh and telnet session there? You have to be able to make it work that way first. If you can, then you know the problem is elsewhere— maybe the firewall, or /etc/hosts.allow.

Try turning on debug options in all of your servers, then look in syslog, auth.log, daemon.log, etc. You'll probably find some clues there.

Good luck!
Andrew.

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