

SSH Tunnel Connection Failures

Source: <http://www.derkeiler.com/Newsgroups/comp.security.ssh/2005-01/0260.html>

robert_at_sadev.co.za

Date: 01/24/05

Date: 24 Jan 2005 05:51:19 -0800

I'm setting up an SSH tunnel which initially works, but shortly (< 20s) after the connection is established I start getting error messages appearing and then the tunnel is no longer active.

The setup is as follows:

```
[ Machine A ] ----- [ SSH Server ] ----- [ Mail Server ]
10.0.0.3 10.0.0.5 & 192.168.85.1
192.168.85.12
```

Tunnel is between Machine A and the SSH Server, for the purpose of SMTP traffic (TCP port 25) to the mail server.

Machine A and the SSH Server can ping each other and the Mail Server and the SSH server can ping each other (obviously Machine A can't ping the Mail server because of the different network addresses).

If I use this command on Machine A:
ssh -x -g -C -L 30001:192.168.85.1:25 10.0.0.5
It gives this error message
channel 2: open failed: connect failed: Connection refused

If I use this command on Machine A:
ssh -x -g -C -N -T -L 30001:192.168.85.1:25 10.0.0.5
It gives this error message
channel 1: open failed: connect failed: Connection refused

One further detail is that I am passing a lot of SMTP connections through the tunnel (> 3 connections per second).

I'm thinking this is due to some limiting option in SSH, but I can not find anything.

Any advice would be great :)