

SSH trickery using -R

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To: For users of Fedora Core releases <fedora-list@redhat.com>

Hello, all -

Reading through ssh's man page, I found the -L and -R switches. I've used -L before, but not -R. -R looks... very interesting.

So what I'd like to be able to establish is a connection to a machine which is behind a NAT and, well, a whole bunch of network goodies, which makes it not possible to connect directly to this machine from the "outside".

>From what I understand by reading the man page, is that I can make an ssh connection to a remote machine, using the -R switch, which opens a port on the remote machine, which is then redirected to the local machine, on a port of my choosing.

So naturally, I'd like to do something like this - from the client:

```
ssh -l username -R 22:localhost:10002 remotehost
```

I am able to log in to remotehost. I've even used root as the username just for kicks, but I am then presented with the following error regardless:

```
Warning: remote port forwarding failed for listen on port 22
```

What I can make of this is, I believe, a conflict with sshd. I would want the connection to be made TO the local port 22.

Am I understanding the manpage wrong? Is my syntax wrong? What's the deal?

Thanks!

-dant

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