

## Tunnelling VNC over SSH, Windows XP SP2 to Mac OSX 10.4.9

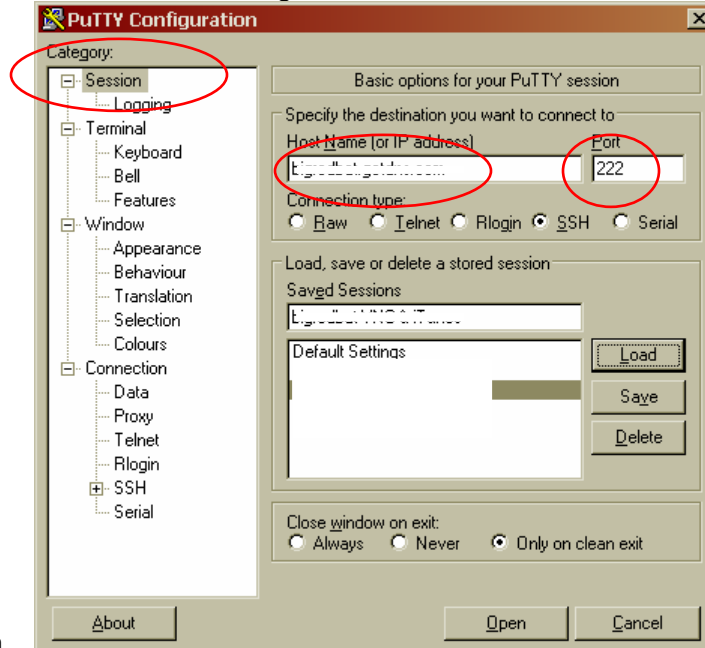
Software required:

Mac: Vine Server

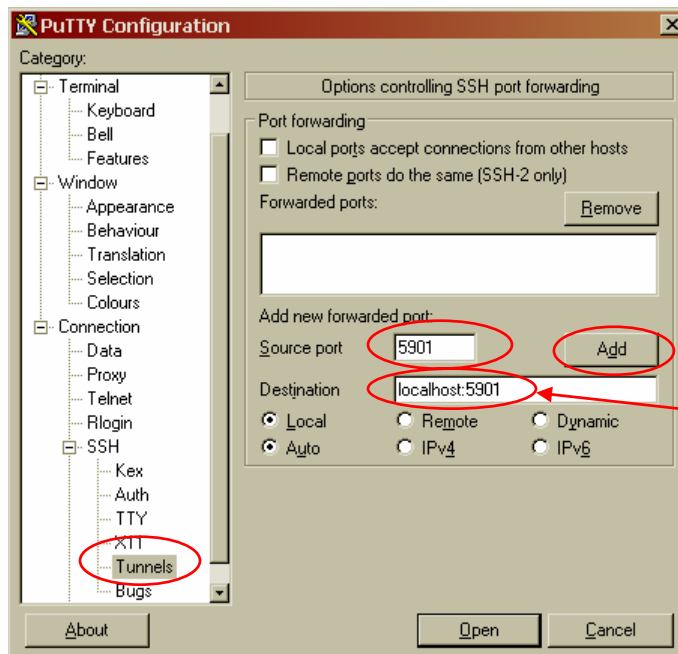
PC: PuTTY and RealVNC Viewer

(all shareware and should be available at [versiontracker.com](http://versiontracker.com))

1. Install (and launch) Vine Server on Mac (according to [Penn](#) instructions)
2. Disable all ports except 222 on Mac (in System Preferences->Sharing)
3. Establish SSH tunnel using PuTTY

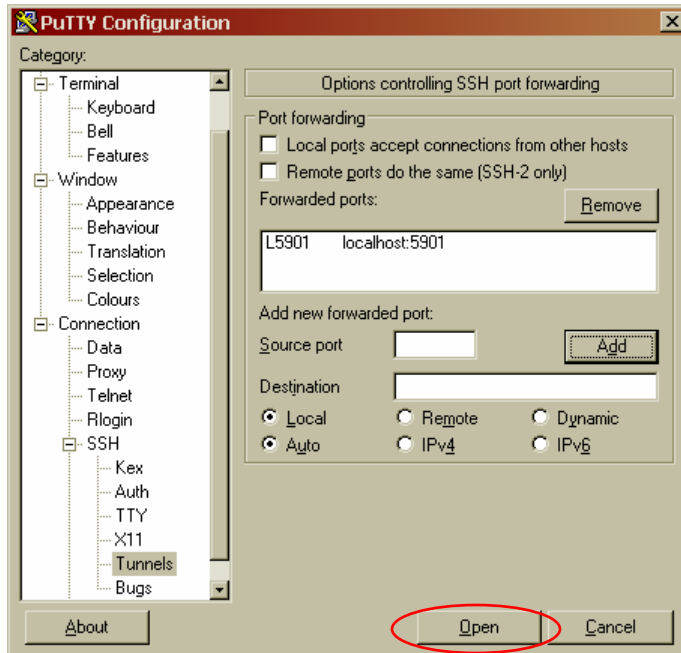


a.



b.

Syntax is crucial



c.

4. (Install and) Launch RealVNC Viewer on PC
  - a. Connect to localhost:1
  - b. Enter password if you set one in the Vine Server
5. Rejoice!

Notes/Errors encountered:

1. Using Apple Remote Desktop as the VNC server *will not work*. ARD reports a non-existent RFB protocol 3.889, causing the VNC viewer to try to use 3.8, which doesn't work. I couldn't get it to work by forcing my VNC viewer to use Protocol 3.3, either
2. The port forwarding destination *must* be expressed as "localhost:5901" (that exact syntax, minus the quotes). Using *domain.name.com:5901* or *ip.ad.ddr.ess:5901* gives a "Forwarded connection refused by server: Connect failed [Operation timed out]" error. See <http://realvnc.com/pipermail/vnc-list/2002-February/028399.html> for an explanation.
3. It's more secure if you set up port 222 for SSH (non-standard port)
4. If you forget to launch Vine Server, you can type "open -a Vine\ Server" (no quotes) at the command line in the PuTTY window once you're connected and it will launch it