Recommended Secure Personal Computer Clients

[Windows] [Macintosh]

These are some *suggested* clients for making secure connections from your personal computer to the Code 916 Unix cluster.

Windows

TTSSH is a free SSH client for Windows. It is implemented as an extension DLL for TeraTerm, which is a superb, free terminal emulator and telnet client for Windows.

Installation Directions:
1) Download and install **TeraTerm 2.3** at http://hp.vector.co.jp/authors/VA002416/ttermp23.zip

2) Download the **TTSSH** software package from ftp://ftp.monash.edu.au/pub/pc/ttssh/ttssh151.zip
Unzip it into the directory where TeraTerm is installed (typically that's C:\Program Files\TTERMPRO). This will create files LIBEAY32.DLL, TTXSSH.DLL and TTSSH.EXE. Run **TTSSH.EXE** for the secure client.

SCP is a free secure, remote-copy client (like the 'rcp' unix command), which can be used instead of ftp in many circumstances. This Windows client is only available as a DOS window command line utility.

Installation Directions:
Download the SCP program files archive here. For more info about the files see here.

2) Unzip the four files (scp.exe, ssh.exe, gmp.dll, glib.dll) into a directory in your command path. (To see your command path, type set at an MS-DOS Prompt.)

3) The following command needs to be set, either each time you open the MS-DOS Prompt to run an scp session, or put in your autoexec.bat: set HOME=C:\homedir

Here C:\homedir is some directory on your system that you consider home on your machine. It can generally be any directory on your PC to which you can write.

Now that you've set your HOME dir (reboot if you set it in autoexec.bat or open an MS-DOS Prompt and run the set HOME command), you should be set to run scp.

When you run scp for the first time on your PC, a .ssh directory (and some accompanying files) will be created in what you set as your HOME directory. This .ssh directory and it's files will be used for subsequent uses of scp. But you must make sure you set the HOME dir before you run scp.

As and example of use: If I'm copying a file called junk.pro from my PC to my homespace on hyperion in a directory called stuff, I type scp junk.pro myname@hyperion:stuff/, after which I'm prompted for a password.

Macintosh

For the Macintosh, there is a freeware solution and a commercial solution. The freeware version has possible license restrictions, so you should be careful in deciding whether you can use it or not.

The freeware version can be found at:

http://www.lysator.liu.se/~jonasw/freeware/niftyssh/

The commercial version (F-Secure SSH) can be found at:
http://www.datafellows.com/download-purchase/

They also have Windows and Unix versions. We do not currently have PGP installed, so RSA security will not work. You can use the Scp function to perform 'ftp-like' file transfers.