

# Outside Access to the Sun Network

- 1.) If you do not have an ssh client, you will need to download one. The PuTTY client is probably the best free Windows telnet/ssh client. The executable can be obtained from: <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

The client comes as an executable, so it is ready to run. First, open Putty by clicking on the PuTTY icon. Fill in the appropriate fields with the following values:

- In the hostname field type: *ironside.itk.ilstu.edu*
- Click the ssh radio button
- In the Saved Sessions field type: *ironside*
- Click the *save* button, in order to save the session for later use
- You can open the connection by choosing *ironside* in the list, clicking *load*, followed by clicking *open*. An easier method is to just double-click the *ironside* entry in the list.

- 2.) For Unix/Linux users, an ssh client generally comes with every distribution. If you do not know where ssh is, try:

*whereis ssh*

If you are running ssh-client via Linux, the aforementioned connection information should suffice.

- 3.) You have now established a connection with the ssh server, what next????

- You will be prompted for a login and password. Supply the login and password given in class.
- You are now logged into ironside. We do not want you doing work on ironside, so you must login to another workstation. A list of stations that should be available are listed in the message of the day. Other stations other than those may not always be available.
- After choosing a host, type in:  
*ssh <name\_of\_host>*
- Congratulations, you are now logged into a host on the Sun network.

NOTE: sadok should only be used when submitting files. Please DO NOT COMPILE OR RUN YOUR PROGRAMS ON sadok OR ironside.

- 4) You will also need a secure ftp client if you wish to upload files. PSFTP is also available from the above web site. It is a command line utility that has similar commands as FTP.

Note: The SUN workstations have been updated over Christmas break and new security keys were generated in the process. If you have been using putty in the past you may get a message similar to the one below the first time you connect. Click on Yes to accept the new key.

