

Using Putty To Connect To the Math Server

1. Download Putty from <http://mirror.sg.depaul.edu/pub/putty/latest/x86/putty.exe>

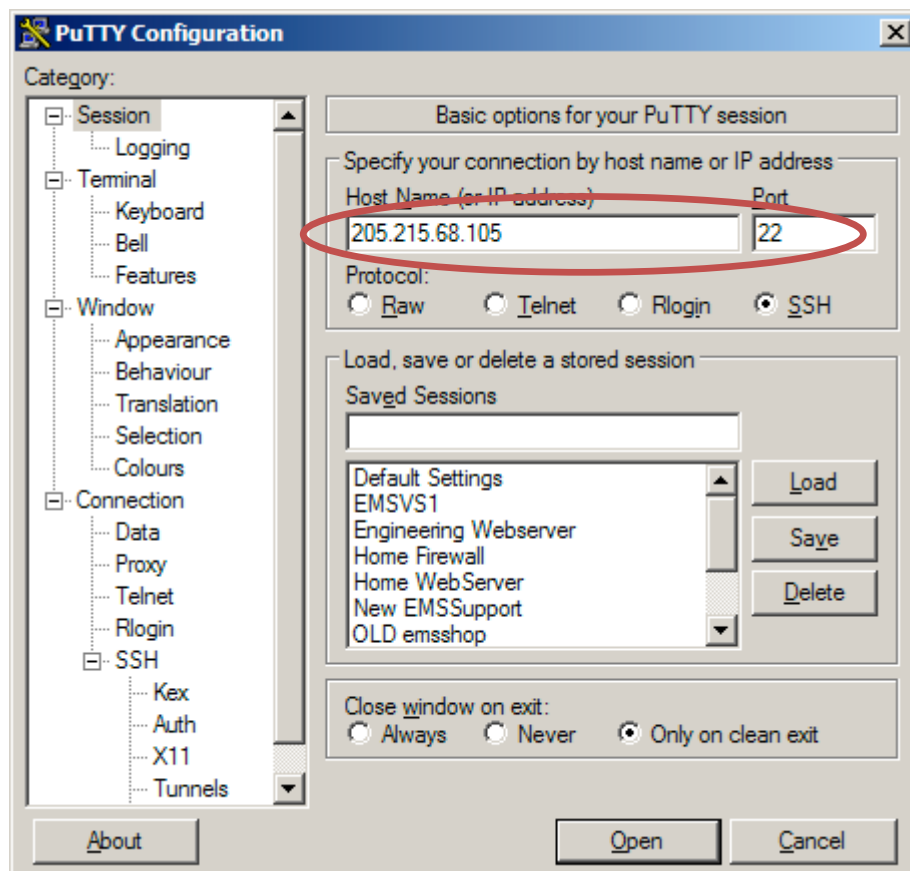
Note: This is a direct link to the Putty download. It is always pointing at the latest version.

Putty.exe is a standalone executable. There is no need to install Putty. Simply place it in the folder you would like to keep it in and double click to run.

2. Double click to run putty and enter the following information.

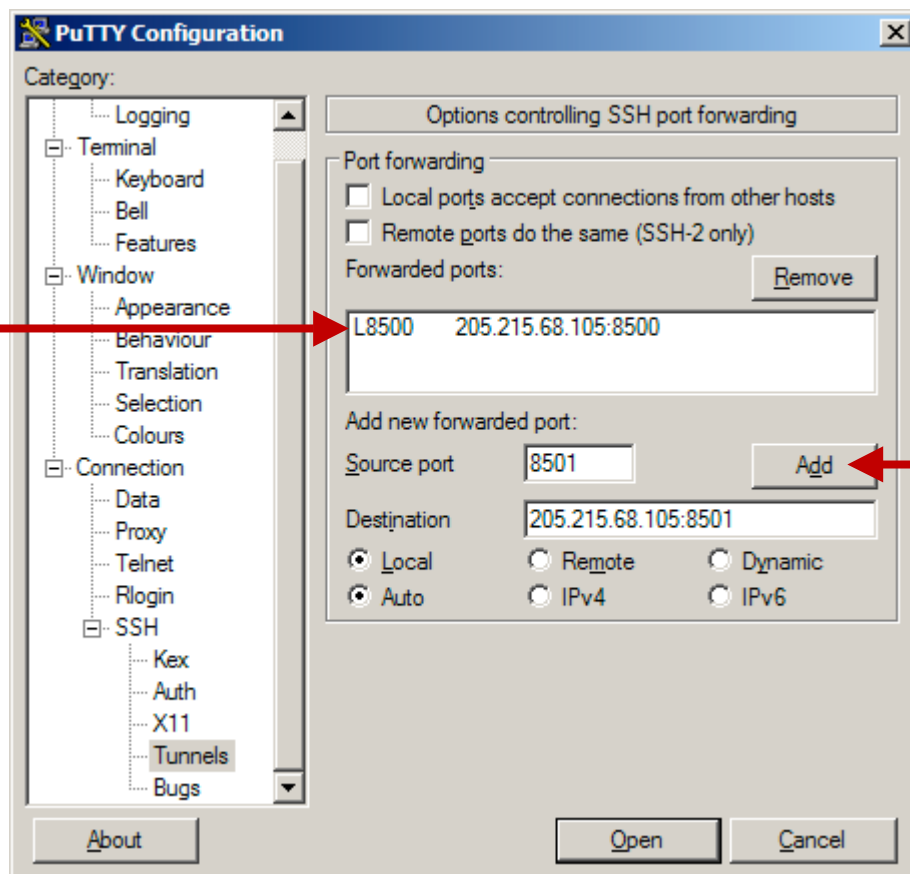
For 'hostname', enter: 205.215.68.105

Leave 'port' at 22.



- Next, click on the 'Tunnels' category in the left column.

Here we will be adding ssh tunnels to allow you to view information sent on other ports from the server to your computer.

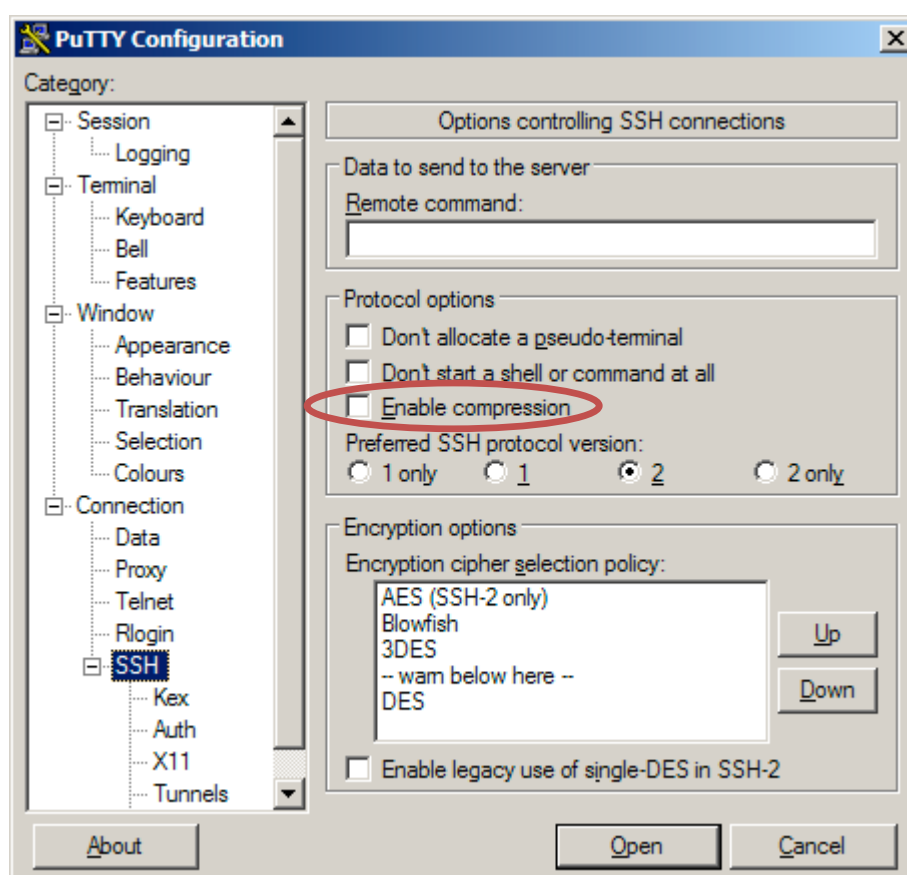


This example shows a forwarded port already added that will forward local port 8500 traffic to the servers 8500 port.

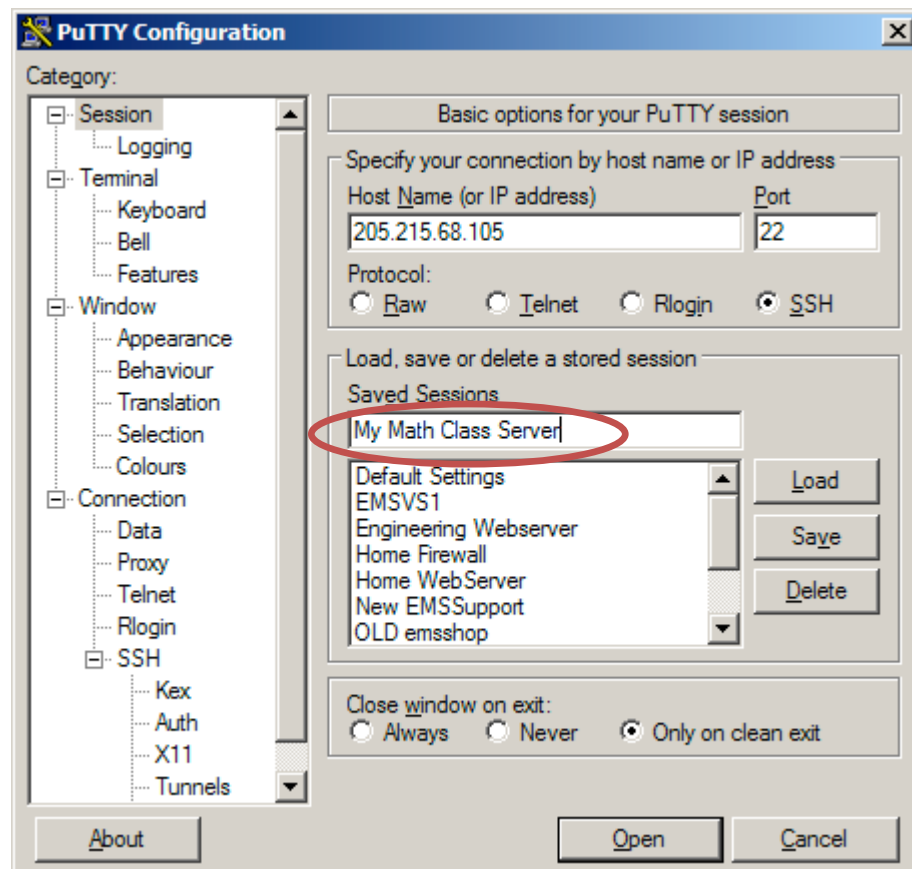
Adding more forwarded ports is as simple as entering the source port and destination ip:port. Information for forwarding local port 8501 to the servers 8501 port is already entered. Clicking the 'Add' button at this point will add 8501 to the list of forwarded ports.

4. Click on the 'SSH' category in the left column. Check the 'enable compression' checkbox.

Note: This is not necessary; however, it helps improve performance on slower network connections.



5. Click on the 'Session' category in the left column. Give this session a name and hit the 'Save' button. In the future, you can just double click on the name of your saved session to run it.



6. If you haven't already done so, click on the 'Open' button to start the ssh session. You will need to log in with the username and password given to you by your instructor.

At this point, you can use the ssh terminal to work on your programs. If you have a program running on the server that is utilizing a tunneled port, you can access it through the same port on your machine. For instance, if you have a web server running on the server using port 8500, you can view web pages from that server by simply pointing your web browser to 'http://localhost:8500'.