

Instructions to get onto SCC using VNC.

Step1: Login to SCC

```
`ssh <username>@scc1.bu.edu`
```

Step2: Set a password for your VNC (You only have to do this one time). Please remember this password as we will need this to activate the remote desktop.

```
[pallekc@scc1 ~]$ vncpasswd
```

Step3: Once you are done with setting up the password, start the vnc server. Once you run the below command, it will start a VNC and prompt some information about the port number on which the vnc server was started. (You only have to do this one time)

```
[pallekc@scc1 ~]$ vncstart
```

If you are doing this a second time, it will say that you are already running the vnc-server on port YYYY.

Please note the information which says,

To start tunneling, on your local machine execute:
`ssh <username>@scc1.bu.edu -L XXXX:localhost:YYYY`

Step4: Now we need to tunnel our machine to the server where the VNC was started using port forwarding. To do that, please exit from SCC.

```
[pallekc@scc1 ~]$ exit
```

Step5: You should now be on your local computer. Pick a 4 digit number greater than 1023 and replace XXXX with it and run the below command that you noted after running `vncstart` command. If it throws an error `bind: Cannot assign the requested address` please pick another number.

```
`ssh <username>@scc1.bu.edu -L XXXX:localhost:YYYY`
```

Step6: Download and install VNC Viewer application called Real VNC from the link below.

<https://www.realvnc.com/en/connect/download/viewer/>

Step7: Open VNC Viewer, the installed application on your computer and in the search space you see right on top of the application, enter the following command and click `enter`.

``localhost:XXXX``

Step8: It will ask for a password, please enter the password that you set in step2 and you will be on a virtual desktop. Right click and select `open terminal` to start working on the terminal on SCC.

You can use all modules and applications available on SCC.