

VNC Instructions for Windows

1. Get "putty" and "Real VNC Viewer"

2. Connect to cseX11.cse.csusb.edu through putty

hostname → cseX11.cse.csusb.edu

3. If it's first time using vnc server, then set vnc password with "vncpasswd"

\$ vncpasswd

Password:

Verify:

4. Start vncserver, and write down the vnc session number x from output.

\$ vncserver

New 'cseX11.cse.csusb.edu:x (username)' desktop is cseX11.cse.csusb.edu:x

5. Start another putty session, and configure ssh tunneling as below:

Hostname → **cseX11.cse.csusb.edu**

From category, go to Connection → SSH → Tunnels

Fill source port with 5900, destination with cseX11.cse.csusb.edu:X

- Note X from above destination is sum of 5900 + x
If your vnc session number x was 5 from step 4, then your X is 5905
If your vnc session number x was 33 from step 4, then your X is 5933

Click add after fill source port and destination

Click open and establish connection with your credential

6. Start vncviewer with "localhost"

Start Real VNC Viewer, and fill VNC server entry with localhost

Click connect, then continue

Type in vnc password you set when asked

You should be in vnc session at this point

7. Kill the vnc session after finished

Go back to putty window used at step 4

Close the vnc session by running command below (x is same vnc session number from step 4)

\$ vncserver -kill :x

Killing Xvnc process ID 00000

VNC Use Instructions for OSX

1. Get "Real VNC Viewer"

2. ssh to cseX11.cse.csusb.edu through terminal

```
$ ssh username@cseX11.cse.csusb.edu
```

Username is your coyote ID #

3. If it's first time using vnc server, then set vnc password with "vncpasswd"

```
$ vncpasswd
```

Password:

Verify:

4. Start vncserver, and write the vnc session number x from output.

```
$ vncserver
```

```
New 'cseX11.cse.csusb.edu:x (username)' desktop is cseX11.cse.csusb.edu:x
```

5. Start another terminal and type the following ssh command:

```
$ ssh -L 5900:localhost:X username@cseX11.cse.csusb.edu
```

- Note X from above ssh command is sum of 5900 + x
If your vnc session number x was 5 from step 4, then your X is 5905
If your vnc session number x was 33 from step 4, then your X is 5933
- Make sure to replace username with your coyote ID #

6. start vncviewer with "localhost"

Start Real VNC Viewer, and fill VNC server entry with localhost

Click connect, then continue

Type in vnc password you set when asked

You should be in vnc session at this point

7. Kill vnc session after finished

Go back to terminal window used at step 4

Close the vnc session by running command below (x is same vnc session number from step 4)

```
$ vncserver -kill :x
```

```
Killing Xvnc process ID 00000
```

VNC Instructions for GNU/Linux

1. Get "Real VNC Viewer" or install tigervnc

2. ssh to cseX11.cse.csusb.edu through terminal

```
$ ssh username@cseX11.cse.csusb.edu
```

Username is your coyote ID #

3. If it's first time using vnc server, then set vnc password with "vncpasswd"

```
$ vncpasswd  
Password:  
Verify:
```

4. Start vncserver, and remember the vnc session number x from output below.

```
$ vncserver  
New 'cseX11.cse.csusb.edu:x (username)' desktop is cseX11.cse.csusb.edu:x
```

5. Start another terminal and ssh tunnel to cseX11.cse.csusb.edu

```
$ ssh -L 5900:localhost:X username@cseX11.cse.csusb.edu
```

- Note X from above ssh command is sum of 5900 + x
If your vnc session number x was 5 from step 4, then your X is 5905
If your vnc session number x was 33 from step 4, then your X is 5933
- Make sure to replace username with your coyote ID #

6. start vncviewer with "localhost"

For Real VNC Viewer:

Launch VNC Viewer
Fill VNC server entry with localhost
Click connect

For tigervnc:

```
$ vncviewer localhost  
Type in vnc password you set when asked
```

7. Kill the vnc session after finished

Go back to terminal window used at step 4
Close the vnc session by running command below (x is same vnc session number from step 4)

```
$ vncserver -kill :x  
Killing Xvnc process ID 00000
```