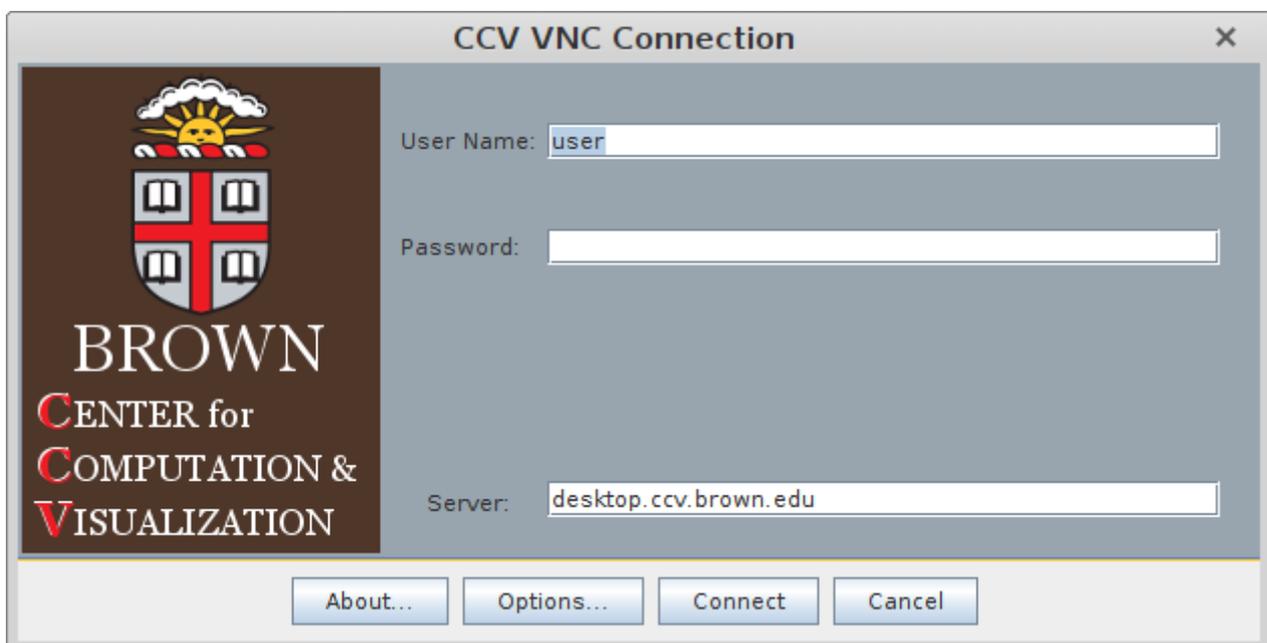# Oscar: Login via VNC

Installing the VNC Client

The client is available for download via the CCV website. The client is a standard Java .jar file, so once you download it, you can click to launch. You will need a Java JRE installed to run the client, which can be downloaded from the Oracle website.
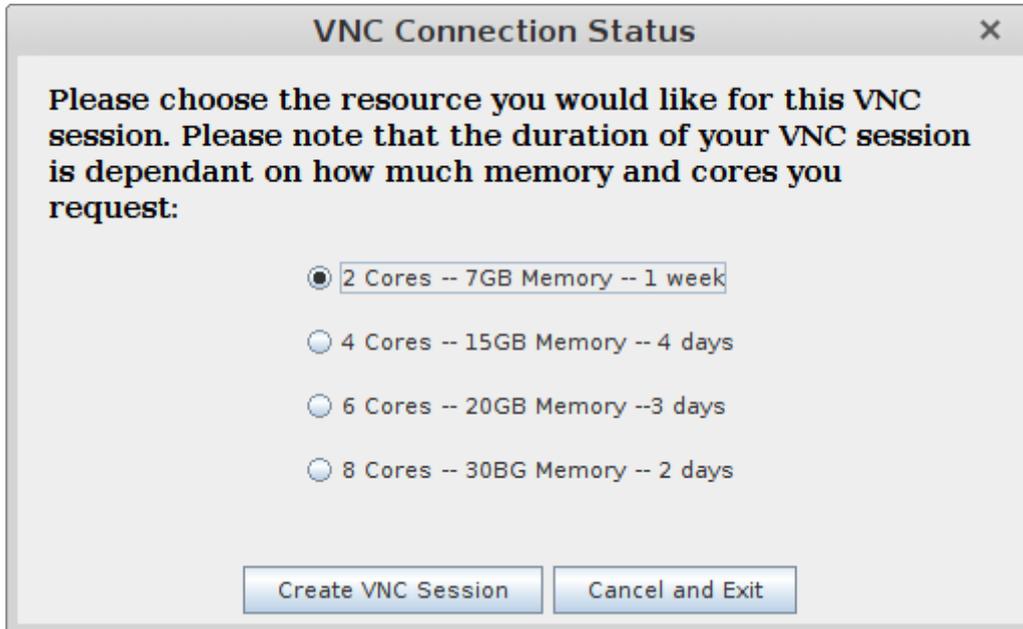
Launching the Client

1. Launch the CCV VNC client. On the IGEL Thin Client desktop, do this by double clicking on the **Oscar VNC** icon.
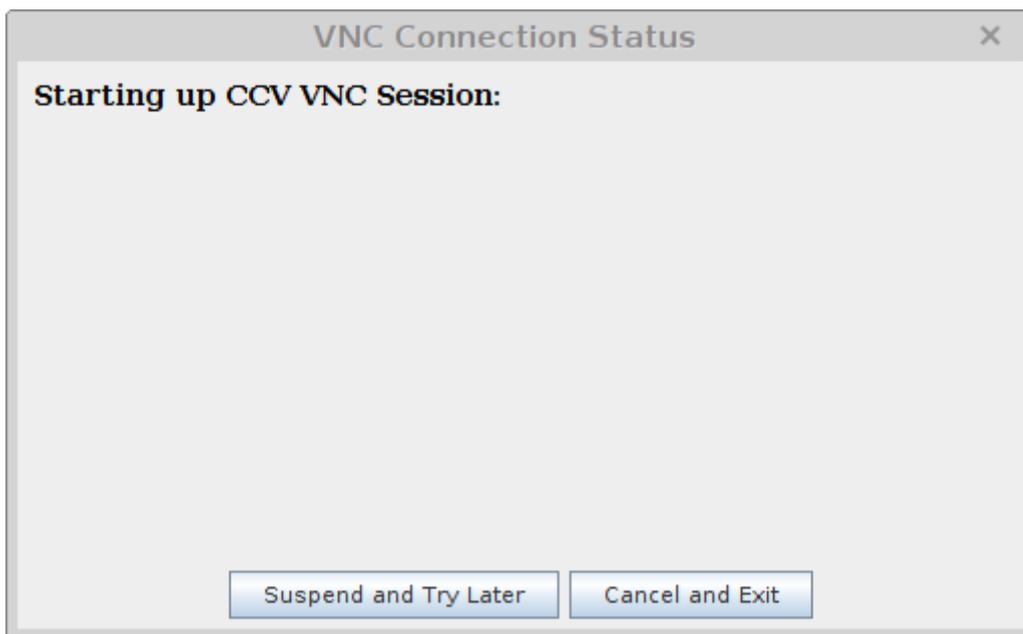

2. When the login screen opens, enter your CCV username and password and click **Connect**.
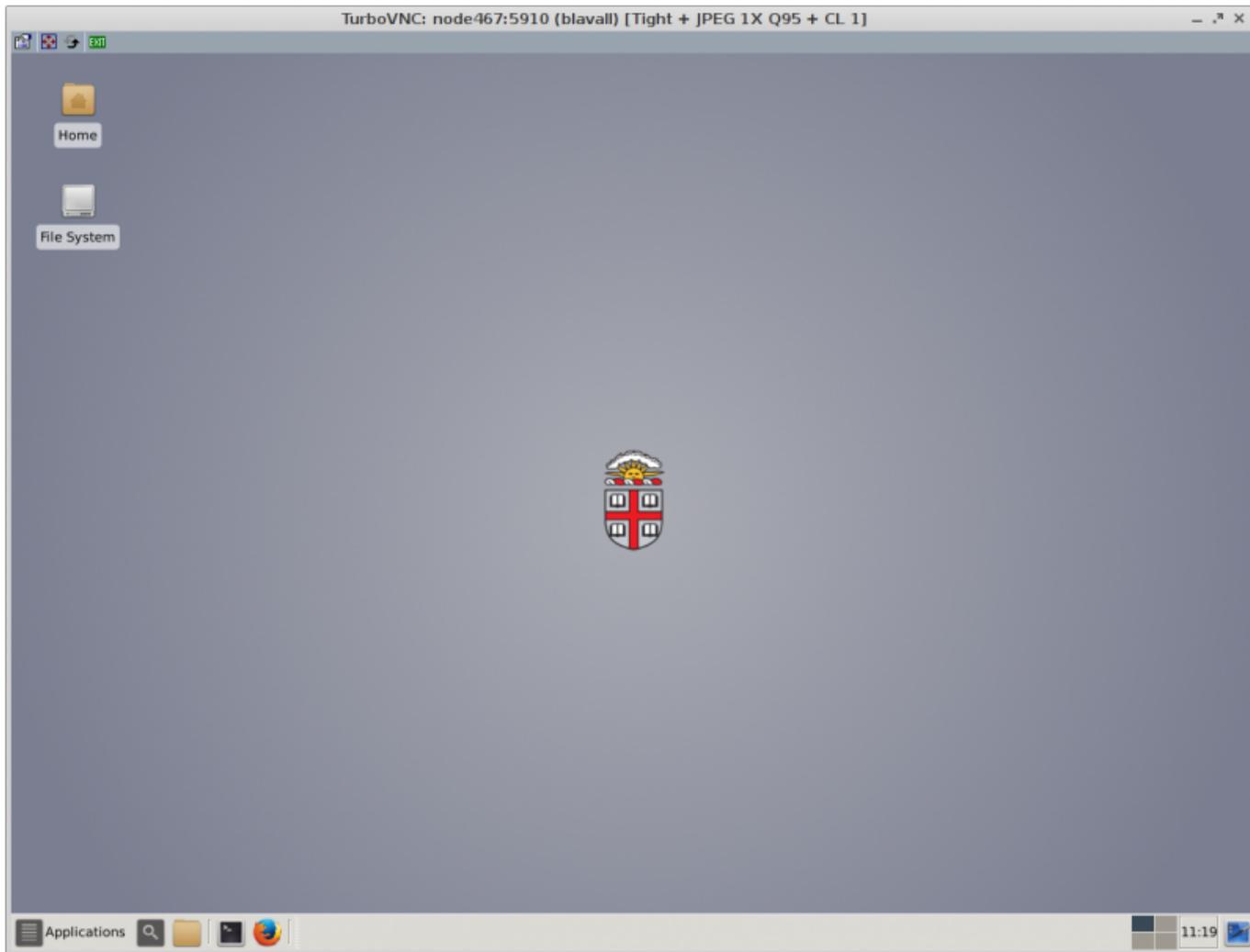

3. A second popup window will then open asking you to select parameters for your VNC session. Select the best option for the work you plan to do. Choosing more cores and RAM will give you more computational resources but reduce the maximum session time. Once you have selected the option you prefer, click **Create VNC Session**.

VNC Connection Status ✕

Please choose the resource you would like for this VNC session. Please note that the duration of your VNC session is dependant on how much memory and cores you request:

◉ 2 Cores -- 7GB Memory -- 1 week

◯ 4 Cores -- 15GB Memory -- 4 days

◯ 6 Cores -- 20GB Memory --3 days

◯ 8 Cores -- 30BG Memory -- 2 days

[Create VNC Session] [Cancel and Exit]

4. The cluster will submit your VNC session into the queue. You'll see a window similar to the screenshot below. It usually only takes a minute or two for the queue to process and the desktop to launch.

VNC Connection Status ✕

Starting up CCV VNC Session:

[Suspend and Try Later] [Cancel and Exit]

5. Once the session has been created, the VNC desktop will launch (as seen below). You can then utilize the session just like a normal desktop.
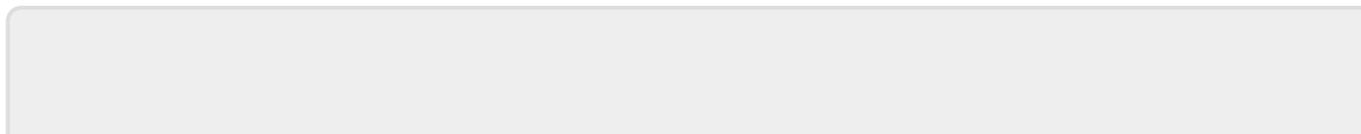
6. When finished with your VNC session, click the green EXIT button on the top left. You will have the option to either suspend your VNC session or kill it completely. If you plan to reconnect and resume work in a short period of time, use the disconnect option to suspend your session. If not, you can kill the session.

If you choose to suspend your session, please keep in mind that it will only persist as long as the original session length.

Oscar High-Performance Computing (HPC)	
Basic Use	Intro to Oscar • Available Software
Logging In	VNC Login • SSH Login
Software-Specific	MATLAB • Mathematica • Sage

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