Connecting to the cluster via VNC

You can connect to the `mighty` cluster from any of the Windows machines in the student computing labs and the library using Virtual Network Computing (VNC). The steps are as follows:

1. Log in to a Windows PC as usual.

2. Look in the Start menu and see if `PuTTY` is installed - this is an `ssh` client for Windows. If it is not installed on your system, you can get it from `http://www.putty.org`. Follow the "Download PuTTY" link and save `putty.exe` onto your `H:` drive.

3. Start `PuTTY`, enter `mighty` as the server and connect. A "dumb terminal" window to the cluster will be brought up. Just login to `mighty` with your username and password.

4. In the `mighty` terminal window, type the following command to start the VNC server on `mighty`:

   `vncserver`

   You will then be asked to set a password for this VNC session. This can be anything—it does not have to be the same as your login password. Take a note of the VNC instance name that will be displayed to you—it will be something like `mighty:1`.

5. On your Windows machine, look in the Start menu for RealVNC and start VNCViewer. This is the VNC client that will connect to the VNC server instance on `mighty`

6. In the VNC client, enter the name of the server instance from step 4 above, e.g. `mighty:1`. Then enter the VNC password you set in step 4.

You will then be presented with a Desktop window into `mighty`. You can also use this procedure to access the lab Linux workstations, just replace `mighty` with the name of the workstation (e.g. `it046614`).