

Remote LAB Access
UNB, Fredericton
Faculty of Computer Science

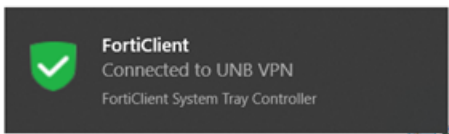
1. Help page: You can remotely access FCS Lab machines via VNC. Please refer to FCS help page

<https://www.cs.unb.ca/help/remote-lab-gui-access.shtml>

2. VPN: Using a VPN client connect to the UNB VPN. Use your UNB username and password (the one you use to login to Outlook).

Please refer to FCS help page about VPN access <https://www.cs.unb.ca/help/vpn/>

Once you are connected to UNB VPN, you can go to the next step.



3. SSH: SSH to a FCS lab machine with FCS login and password (the one you use to login to a FCS lab computer).

You can use the SSH Client Putty, as recommended by FCS Help.

Run ***ps -a |grep vnc*** command to see if someone is already running VNC. If so, logout and pick another lab machine if you see another VNC session.

(reminder: In order to access the labs you must first be connected to UNB's VPN service.)

4. VNC Session: Once you have ssh'd to a lab machine you will need to start a VNC Session.

Run ***fcs-vncserver -start*** command on the lab machine.

This should return a new desktop session for you to use in the form of

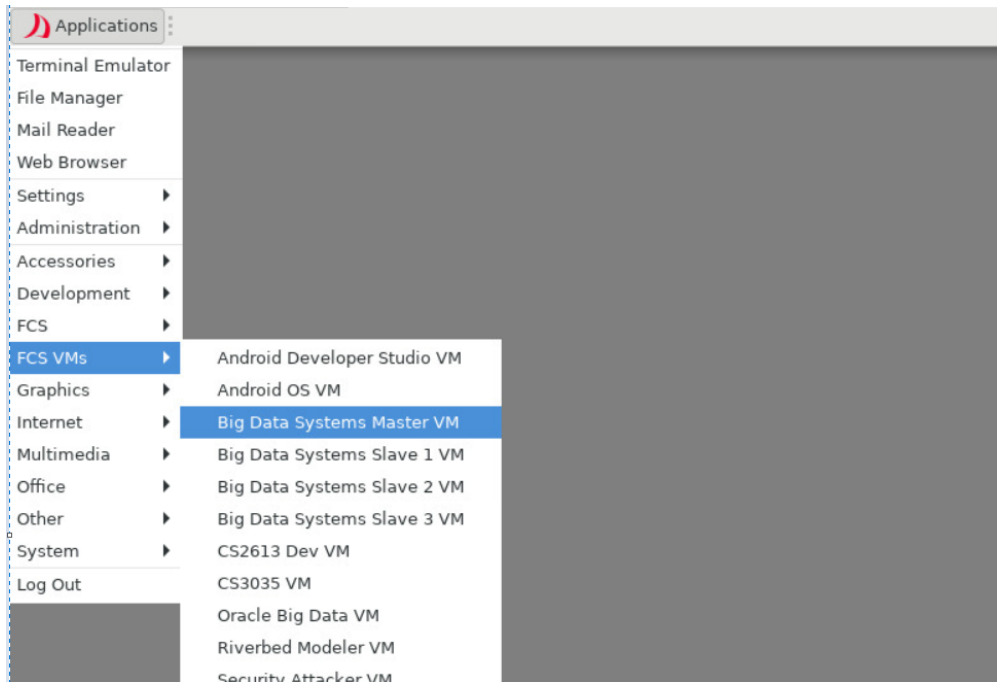
<lab-computer-name>:<vdn number>

Example: gc112m09.cs.unb.ca:1

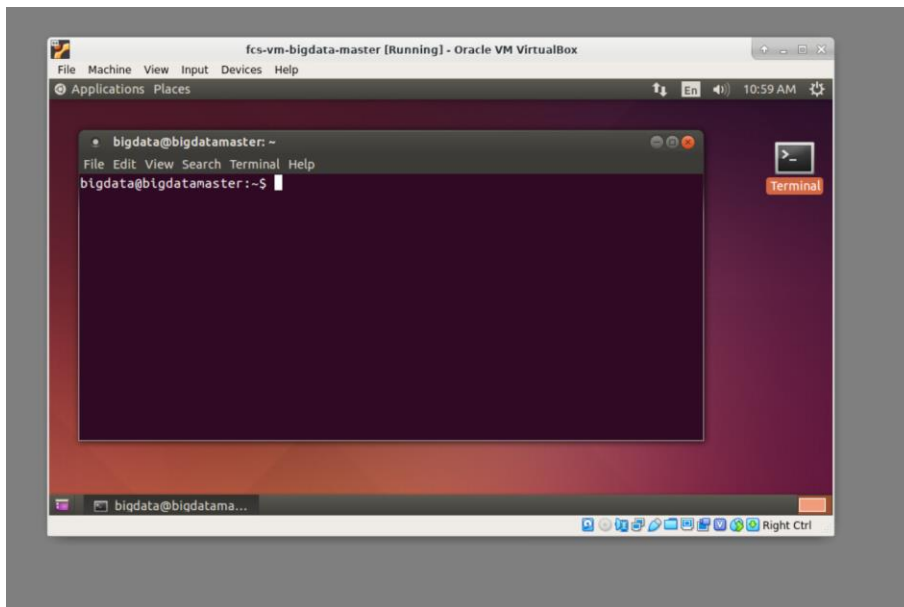
5. VNC client:

Once you have started your VNC Session use your local TigerVNC client to connect. Enter your new desktop session information (e.g.. gc112m09.cs.unb.ca:1) as the VNC server. You should then be prompted for your FCS username and password. You should now have a remote GUI desktop session on the given lab machine.

Then from the Applications menu launch the Big Data Systems Master VM.



When the VM is started login using userid/password: bigdata/welcome1



6. Logout: When your work is done, **please be sure to logout.** Closing the VNC client without logging out does not stop your VNC session.

7. FCS userid/password: If you want to reset your FCS password, it can be set via: <https://www.cs.unb.ca/pwreset>