**Georgia Tech Virtual Machines and VPN**                                                                      **Fall 2020**

1. For security reasons most Georgia Tech computing resources will require two-factor authentication. This page will give you setup directions: https://www.twofactor.oit.gatech.edu

2. To enable Internet access from a laptop during class or from a location on campus, configure your computer to connect to eduroam, the Georgia Tech secure, high-speed, wireless network. This web page will give you detailed information for how to connect different devices: https://lawn.gatech.edu/eduroam

3. As a backup (or if your device will not connect or remember its configuration with eduroam) configure your device to connect to GTother. This page gives details: https://lawn.gatech.edu/gtother

4. To connect to campus virtual machines from off-campus or on-campus, use a Web browser (Chrome or Firefox preferred) to connect to: https://mycloud.gatech.edu and log in with your GT user name and password.

5. The first time you log in and connect you will be prompted to download and install the Citrix Receiver or Citrix Workspace. Or you can select the "light" version that gives you access within a browser window. If you cannot use the Receiver or Workspace, you can select the "light" version from the main Citrix window by clicking on the gear icon at the very upper right of the window, then "Account Settings," then "Change Citrix Receiver" to the light version.

6. From the horizontal menu at the top of the page select "Desktops." Your computer will then show a page with different virtual computers. Log into a College of Design virtual machine. (If your browser downloads a file with an .ica extension, click on the ica file to open it and connect to the page showing the different virtual machines.) As a test, run ArcMap, RStudio and any other software that you are likely to use.

7. When finished, save all your work to your Desktop or M drive, right-click on the Window icon at bottom-left of the screen, click on "Shut down or sign out" and click on "Sign out." This will close your session. If you click on "Disconnect" your session will be saved for about 30 minutes so you can log back in and take up work where you left off, but it is best not to rely on your session being available when you log back in.

8. There will be additional virtual machines shown on the initial Citrix receiver screen. Log into each of them and check for the software you will be using. The Library machine will have Endnote and 7-Zip (which can uncompress almost any type of compressed file, including gz files).

9. The Georgia Tech VPN allows you to create an encrypted connection from anywhere off-campus to the campus network. It also assigns your computer an official Georgia Tech IP address so your computer appears to be a Georgia Tech computer. This is especially useful for searching the GT Library online databases. For security, an increasing number of GT services will be requiring you to use the VPN to utilize various campus services (but not mycloud, at least at present). Here are the instructions for installing and configuring your computer, smartphone, or tablet to use the GT VPN: https://faq.oit.gatech.edu/content/how-do-i-get-started-campus-vpn