

VPN Connection for Cadence Lab

ECE6133: Physical Design Automation of VLSI Systems

Georgia Institute of Technology

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Last Updated: 2/12/2022

1 - Sign Cadence License

You need to sign the Cadence license at <https://eulas.ece.gatech.edu/Cadence/> to use the Cadence software suite. Select *Lim, Sung Kyu* as ECE faculty advisor. It might take some time to get accepted.

2 - Setting up the VPN

You need to download a VPN client. Download *GlobalProtect VPN* at <https://vpn.gatech.edu/global-protect/login.esp>. You will need to log in with your GT account /password with dual factor.



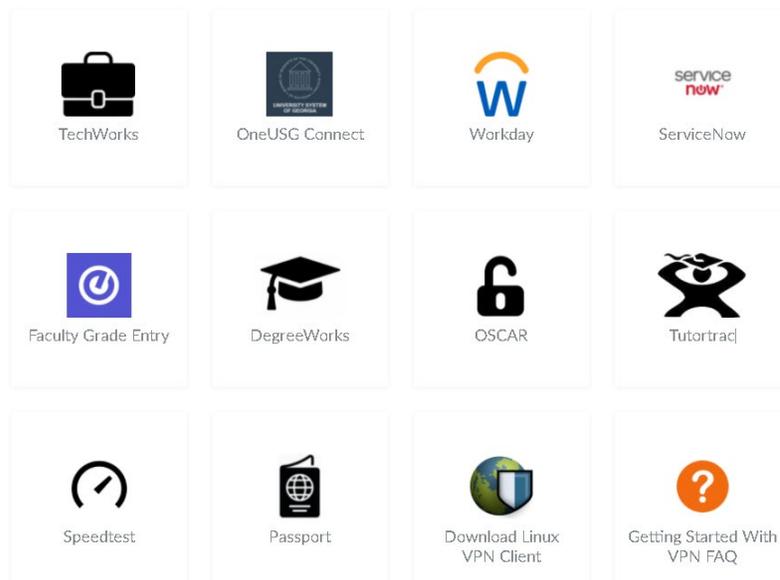
VPN Service

Username

Password

LOG IN

On the page, click on the Download Windows/macOS VPN Client link at the right of the top bar.



Full information on how to install the software is available at:

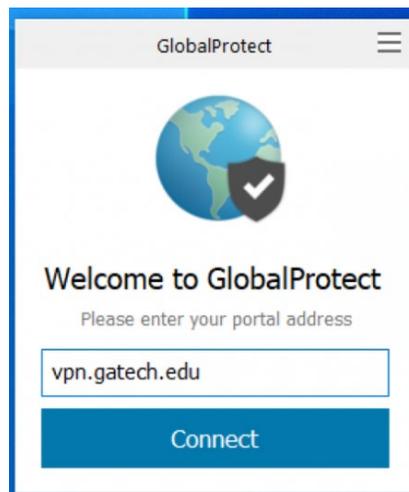
https://gatech.service-now.com/home?id=kb_article_view&sysparm_article=KB0026837

3- Terminal

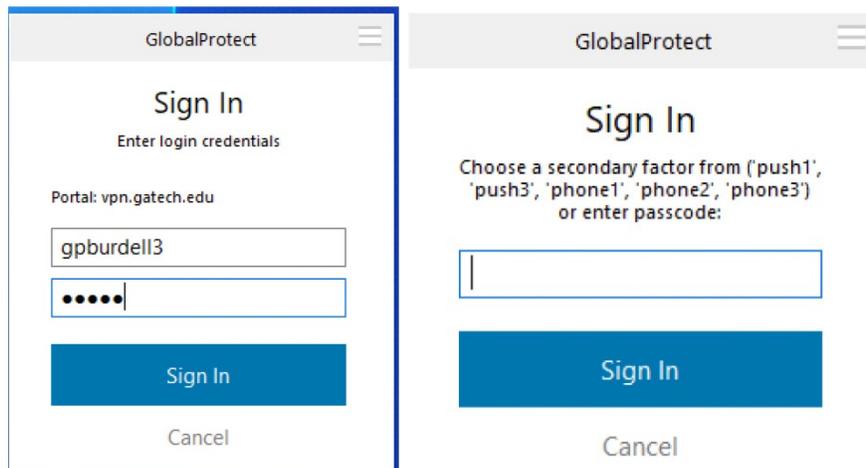
You will need a terminal such as *MobaXterm*, *FastX* (Windows) or *iTerm2* (macOS) to connect in ssh to the lab servers. You can download *MobaXterm* at <https://mobaxterm.mobatek.net/> and *FastX* at <https://software.oit.gatech.edu/>. I recommend using *MobaXterm* over *FastX* if possible.

4- Connect to the servers

1) Launch *GlobalProtect* and enter **vpn.gatech.edu** as the server's name and click *Connect*:



Then enter your GT id and password, press *Sign In*, and verify the dual factor.



- Full information for Windows users:

https://gatech.service-now.com/home?id=kb_article_view&sysparm_article=KB0026742

- For macOS users:

https://gatech.service-now.com/home?id=kb_article_view&sysparm_article=KB0026743

2) Launch your terminal and connect in ssh to the academic Linux machine called *ece-linlabsrv01*:

```
ssh -XY your_gt_username@ ece-linlabsrv01.ece.gatech.edu
```

```
[anton.DESKTOP-M059G00] > ssh aagnesina3@ece-linlabsrv01.ece.gatech.edu
*****
This computer system is the property of the Georgia Institute of Technology.
Any user of this system must comply with all Institute and Board of Regents
policies, including the Acceptable Use Policy, Cyber Security Policy and
Data Privacy Policy (http://b.gatech.edu/it-policies). Users should have no
expectation of privacy, as any and all files on this system may be
intercepted, monitored, recorded, copied, inspected, and/or disclosed to
authorized personnel in order to meet Institute obligations.

By using this system, I acknowledge and consent to these terms.
*****
aagnesina3@ece-linlabsrv01.ece.gatech.edu's password: █
```

Enter your GT password to authenticate connection.