Let's Backtrack a bit!

Did you guys register for a CISE account?

• If not, do so soon! http://register.cise.ufl.edu/

Why do we need an account?

- All homework projects are expected to work on the CISE Linux machines!
- So, if your program doesn't run, "But it works on my laptop/computer" will not be an acceptable excuse!



For Remote Access first you have to set up the the VPN.





https://it.clas.ufl.edu/kb/category/vpn/

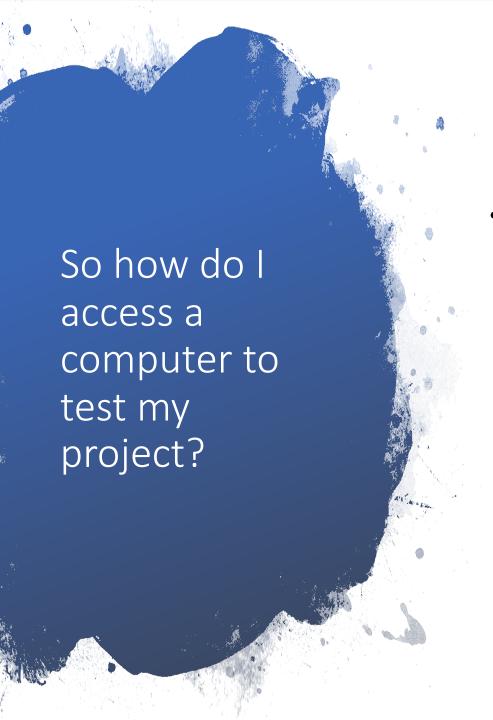


https://warrington.ufl.edu/informationtechnology-support-programs/wpcontent/uploads/sites/81/2018/03/TAC InstallingCiscoVPN.pdf



All the instructions are provided in the above links.





- Multiple ways! (Once you have registered for an account)
 - 1. You can always go to one of the CISE computer labs and login to your account there:
 - https://www.cise.ufl.edu/ help/access
 - 2. You can do remote access to one of the servers.

Connecting to a remote Terminal

Windows

Putty is your best option

Mac OS

- From a terminal you can always do SSH. To do so:
 - Open a Terminal
 - Type: ssh<yourusername>@thunder.cise.ufl.edu
 - For example: rdutt@thunder.cise.ufl.edu

Uploading files to my account

Windows

WinSCP is your best option

Mac OS

- Any SFTP client will do
- Options:
 - Cyberduck
 - FileZilla

I'm in a remote Terminal... now what?

• So you should see something to the effect of:

storm:25%

thunder:22%

- The first word (thunder/storm) tells you which server
 - thunder.cise.ufl.edu and storm.cise.ufl.edu are both available to you
- The number (22/25) is a "command number" and is pretty irrelevant
- What should I do next?

Relevant commands

 A list of useful commands is here: http://www.computerhope.com/unix.htm

Command	Function
man <command/>	Provide manual for the command < command>
cd <directory></directory>	Change current directory/folder to <directory></directory>
Is	List contents of current directory
pwd	Print working directory
mkdir <name></name>	Make a new directory with the name < name >
cp <a> 	Copy file <a> to location
rm <file></file>	Remove/Delete the file with name <file></file>
mv <a> 	Move/Rename file <a> to location/name
nano	Open a file editor named nano(also known as pico)
nano <file></file>	Open <file> with nano</file>
cat <file></file>	Outputs the contents of file to the terminal