XSEDE-Cal State LA Workshop Final Preparation Instructions

This document contains final preparation instructions for the Spring 2019 DIRECT-STEM/XSEDE workshops. Here is a quick outline of the remaining steps:

- Create XSEDE User Portal ID
- Register for 3 sessions on the XSEDE User Portal
- Set up two-factor authentication
- Install/find secure shell (ssh) client
- Set up Globus Connect Personal endpoint

Note: If you are receiving this e-mail, you should have already completed the first two steps in green. Please see our previous instruction sheet for details on these steps.

Setting Up Two-Factor Authentication

1. Download the Duo Mobile app to your smartphone from either the Google Play Store or the Apple App Store. It will be needed later in the instructions. After logging into the XSEDE User Portal, select [PROFILE]
2. In right corner, select [ENROLL IN DUO]
   a. Note that DUO 2 Factor authentication is required for access to the XSEDE Single Sign-on Hub. Select [ENROLL]
3. Verify your XSEDE User Portal password
   a. select [SUBMIT]
4. On PROTECT YOUR XSEDE ACCOUNT
   a. click [START SETUP]
5. CHOOSE THE DEVICE FOR 2 FACTOR AUTHENTICATION
   a. Mobile phone is recommended.
6. CONNECT DUO TO YOUR PHONE
   a. Add Phone number and select [CONTINUE]
7. VERIFYING PHONE NUMBER OWNERSHIP
   a. DUO will call your phone and provide a code <u>or</u> you can scan a QR code with your phone
   b. If you used the call option, enter your 6 digit code where requested
8. MY SETTINGS AND DEVICES
   a. Choose how you want to verify when logging into XSEDE and press [CONTINUE TO LOGIN]
9. Choose authentication method (push, text, call)
10. Open DUO app on mobile device. You will receive a new notification. Select notification and confirm.
11. On Webpage your DUO symbol should now be green.

Installing/finding secure shell (ssh) client

If you are running Windows, then you will need to install a ssh client. One simple client to install is PuTTY, which can be downloaded from:
https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html

(Installing PuTTY is relatively straightforward, but detailed installation instructions are available at: https://www.ssh.com/ssh/putty/windows/install)

If you are running macOS (or Linux), then you have a terminal already built into your system that will suffice for using secure shell to access XSEDE resources. For macOS users, Terminal can be found in the Utilities folder that is contained in your Applications folder.

Setting up Globus Connect Personal endpoint

You will need to download the Globus Connect Personal application and create an endpoint on your laptop in order to easily transfer files between your computer and the supercomputing cluster we'll be using at the Texas Advanced Computer Center (TACC), one of XSEDE's supercomputing sites.

If you are running Windows, detailed download and installation instructions can be found at:
https://docs.globus.org/how-to/globus-connect-personal-windows/

If you are running macOS, detailed download and installation instructions can be found at:
https://docs.globus.org/how-to/globus-connect-personal-mac/

When you are creating your Globus Connect Personal endpoint (the very first instruction when you click on the relevant download link above), **please select XSEDE as your organization**. You will be asked to sign in to your XSEDE Portal account and then you can proceed with the rest of the endpoint setup process.