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### Before First Logging

PLEASE NOTE: Before you can access OnDemand, you MUST connect to the Minerva HPC using ssh. Full details are available in the "EMHSR – Minerva HPC Users Guide". Briefly the process is:

1. Connect to the VPN Tunnel, if off-campus
2. Logging in to Minerva via SSH

In your terminal program (xTerm, MobaXterm, puTTY) you will SSH (Secure Shell) into the Minerva platform.

```
ssh -Y mssm_login_id@minerva.hpc.mssm.edu
```

For example, assuming your userid is **lastnf03**

```
ssh -Y lastnf03@minerva.hpc.mssm.edu
```

3. Enter your Password

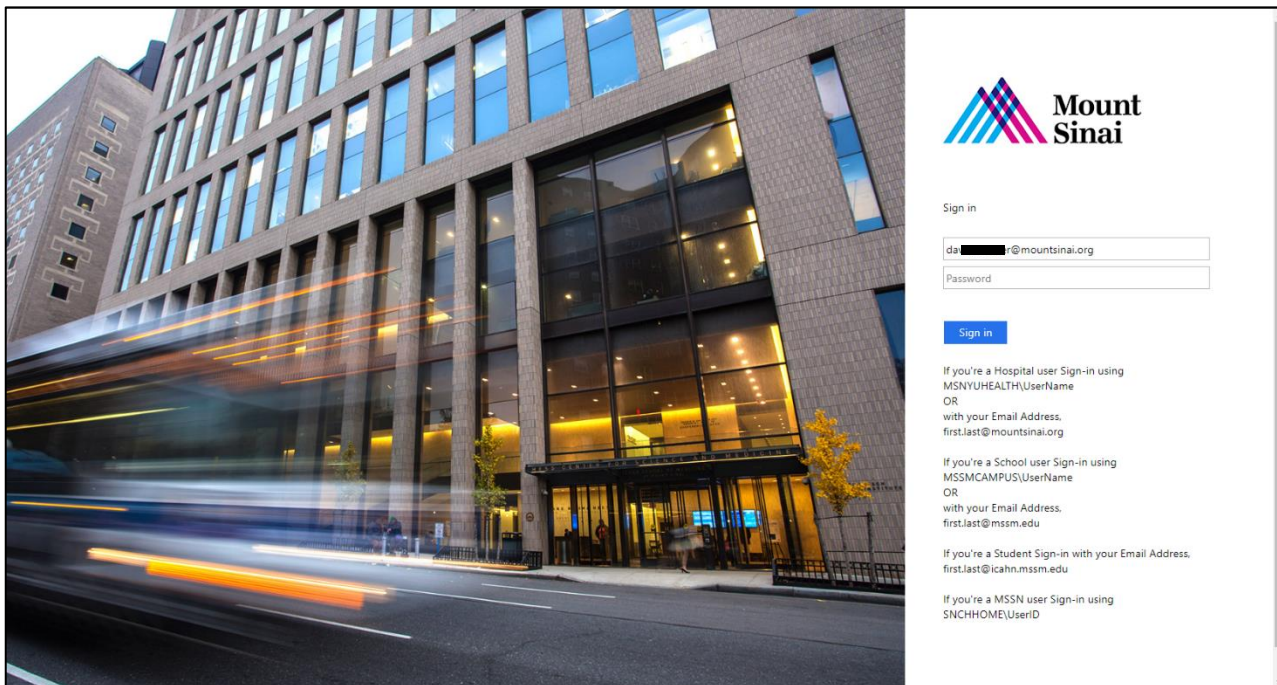
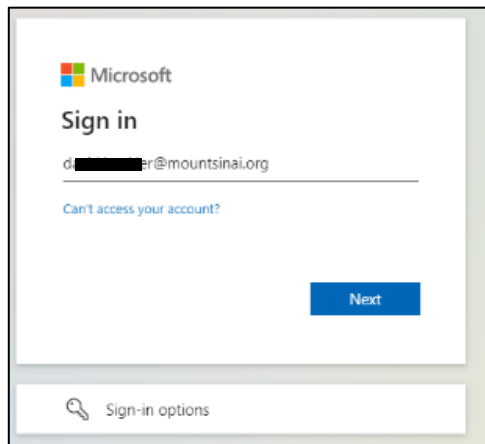
Password: {your\_MSSM\_password}{your6digit-VIP-Access-VPN-key}

For example, assuming your MSSM password is **PassWord** and you VIP Access VPN Key (from the App on your phone) is **123456** you would enter:

Password: **PassWord123456**

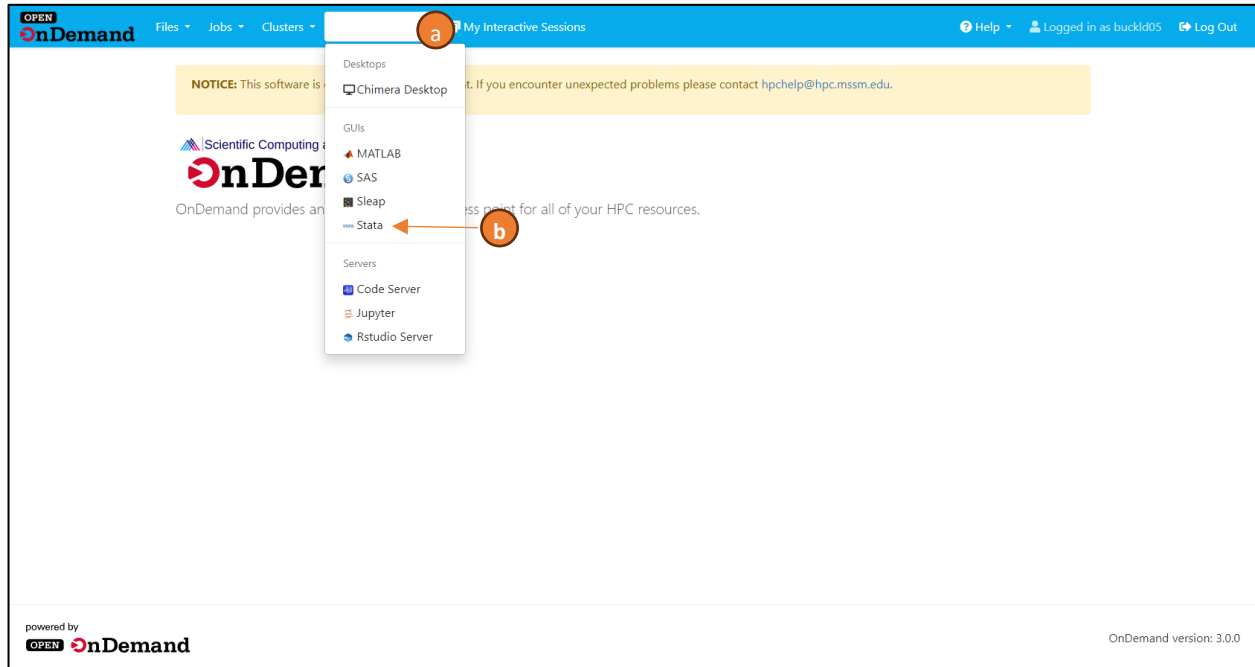
### Logging into Minerva using OnDemand

1. Connect to [ondemand.hpc.mssm.edu](https://ondemand.hpc.mssm.edu)
2. Enter your Mount Sinai log in credentials
3. Enter MFA/VIP Access Code (if required)



## Running STATA on Minerva using OnDemand

1. From the Home Screen
  - a. Select *Interactive Apps*
  - b. Click on *Stata*



2. Accept the default options, or specify session parameters based on your work.
  - a. Queue – **OnDemand**
  - b. Specific Node – **First available**
  - c. Account – **emhsr** (alternative account names for your user can be found using the *mybalance* command on the command line)
  - d. Stata Version – **17 – Standard** (17 – Multithread is available to advanced users)
  - e. Number of hours – **1** (extend based on your planned work timeline)
  - f. Number of cores – **1** (unless specifically utilizing multiple cores)
  - g. Memory request (in GB) – **30** (adjust based on data size – more memory will take longer to launch the session)

3. Click **Launch**

A screenshot of the 'Stata' session configuration page. The left sidebar shows 'Interactive Apps' with 'Stata' selected. The main content area has the following fields: 'Queue' set to 'OnDemand', 'Specific node' set to 'First available', 'Account' set to 'emhsr\_medicare', 'Stata Version' set to '17 - Standard', 'Number of hours' set to '1', 'Number of cores' set to '1', and 'Memory request (in GB)' set to '30'. There is a checkbox for 'I would like to receive an email when the session starts' which is unchecked. A blue 'Launch' button is at the bottom. A footnote at the bottom states: '\* The Stata session data for this session can be accessed under the data root directory.'

- When the session status changed to “Running”, click “Launch Stata”

Stata (103525443) 1 node | 1 core | Running

Host: >\_lc02g21.chimera.hpc.mssm.edu Delete

Created at: 2023-10-17 13:57:06 EDT

Time Used: less than 1 minute

Session ID: 6fcd95bb-fad4-43e7-8bce-d357df2ec015

Compression 0 (low) to 9 (high)

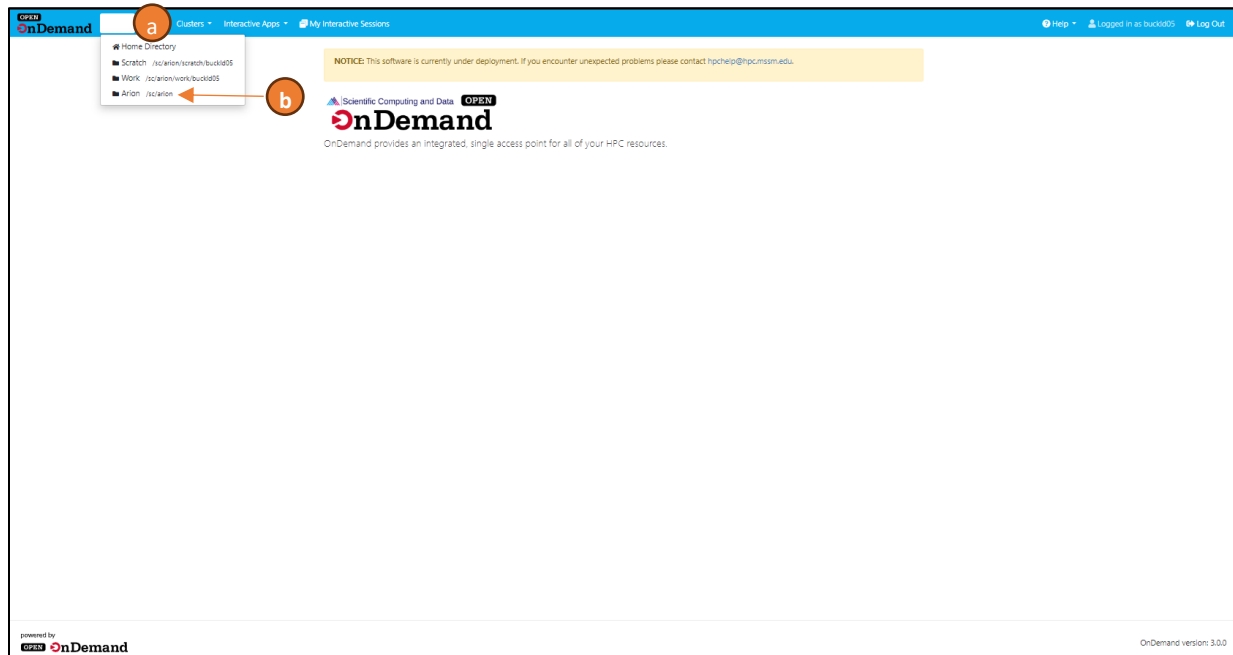
Image Quality 0 (low) to 9 (high)

Launch Stata View Only (Share-able Link)

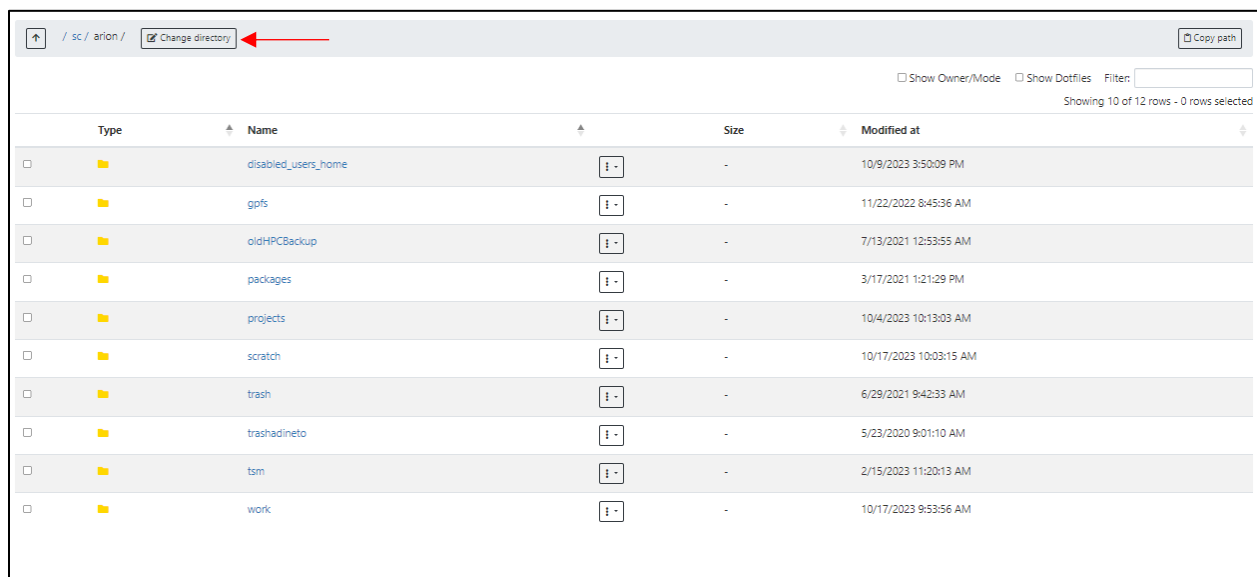
- Stata will be accessible through a VNC virtual desktop open in your web browser window.
- To be accessible in Stata, data must be uploaded to the Minerva (see next section)

## File Transfers using OnDemand

1. From the Home Screen
  - a. Select *Files*
  - b. Click on *Arion*



2. Navigate to your working directory
  - a. If you know the full path, click “Change Directory” and enter the full path



3. To Upload Files
  - a. Click “Upload”
  - b. Drag and Drop files into upload window or navigate to files on your local computer

4. To Download Files
  - a. Make sure you are allowed to download the data to your local computer
    - i. Most research data on Minerva contains PHI, PII or other protected information, make sure you are complying with all data use agreements, as well as Scientific Computing and Sinai Policies.
  - b. Select file from navigation window
  - c. Click the “Download” button