Open OnDemand on Minerva

Minerva Scientific Computing Environment

https://labs.icahn.mssm.edu/minervalab

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Outlines

- **What is Open OnDemand?**

- **How to access Open OnDemand on Minerva**

- **Walkthrough (demo)**

    - Logging into Open OnDemand

    - File explorer

    - Shell Access

    - Submit and monitor jobs

    - Interactive applications: Jupyter Notebook/Lab, RStudio, etc.

What is Open OnDemand?

Open OnDemand is an NSF-funded open-source HPC portal developed by Ohio Supercomputing Center. The goal of Open OnDemand is to provide an easy way for system administrators to provide web access to their HPC resources, including, but not limited to:

- Plugin-free web experience

- Easy file management

- Command-line shell access

- Job management and monitoring across different batch servers and resource managers

- Graphical desktop environments and desktop applications

https://openondemand.org/

Open OnDemand on Minerva

https://labs.icahn.mssm.edu/minervalab/open-ondemand/

https://ondemand.hpc.mssm.edu

Demo: OnDemand Authentication

Prerequisite:

- **Minerva account:**

  https://labs.icahn.mssm.edu/minervalab/request-an-account/

- **Connect to Minerva via SSH:**

  https://labs.icahn.mssm.edu/minervalab/documentation/logging-in/

- **Complete Ondemand Profile form**

  https://forms.hpc.mssm.edu/index.php

  Demo: OnDemand Profile Completion

Demo

Scheduled Maintenance

▸ Scheduled Maintenance on Open Ondemand Server: Thursday, 10/09 from 9:00AM - 12:00PM

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CTSA Clinical & Translational ® Science Awards

Last but not Least

Got a problem? Need a program installed? Send an email to:

hpchelp@hpc.mssm.edu