

# Open OnDemand on Minerva

Minerva Scientific Computing Environment

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

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March 20 2025



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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.ica hn.mssm.edu/minervalab/open-ondemand/>

<https://ondemand.hpc.mssm.edu>

## Prerequisite:

- **Minerva account:**

<https://labs.ica hn.mssm.edu/minervalab/request-an-account/>

- **Connect to Minerva via SSH:**

<https://labs.ica hn.mssm.edu/minervalab/documentation/logging-in/>

- **Complete Ondemand Profile form**

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

# Demo

# Acknowledgements

- ▶ Supported by the Clinical and Translational Science Awards (CTSA) grant UL1TR004419 from the National Center for Advancing Translational Sciences, National Institutes of Health.

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## Last but not Least

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

[hpchelp@hpc.mssm.edu](mailto:hpchelp@hpc.mssm.edu)