

# Expanse User Portal

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*October 29, 2020*

**EXPANSE**  
COMPUTING WITHOUT BOUNDARIES

NSF Award 1928224

# Expanse User Portal – Gateway to Expanse Resource

Expanse Portal    Files▼    Jobs▼    Clusters▼    Interactive Apps▼     My Interactive Sessions     Help▼     Logged in as sivagnan     Log Out

**SDSC**  
The Expanse portal provides an integrated, and easy to use interface to access Expanse HPC resource.  
With the portal, researchers can manage files (create, edit, move, upload, and download), view job templates for various applications, submit and monitor jobs, run interactive applications, and connect via SSH. The portal has no end-user installation requirements other than access to a modern up-to-date web browser

powered by  


- Web portal to access Expanse resource
- Integrated job and file management platform
- Built using NSF-funded Open OnDemand

# Expanse Portal Features

- ***File management*** for files on Expanse Home, Lustre file systems
- ***File editor*** - Edit and save files without the need to launch a shell session.
- ***Job submission and monitoring interface*** – Create, submit job scripts and monitor jobs.  
Example job templates provided
- ***Interactive access*** for Matlab, RStudio jobs
- ***Command-line shell access***

*No end-user installation requirement to use the Portal*

# Using Expanse Portal

- Valid Expanse allocation and XSEDE based credentials needed for access
- Policy (scheduler, allocation, usage etc) and guidelines set on Expanse resource is applicable while using Portal.
- <https://portal.expanse.sdsc.edu>
- <https://portal.comet.sdsc.edu> (prototype for Comet)

# Demo