

<https://www.rc.virginia.edu/userinfo/rivanna/login/>

Click here

Open OnDemand users do not need a VPN to access Rivanna.

## Web-based Access

Open OnDemand is a graphical user interface that allows access to Rivanna via a web browser. The Open OnDemand access point is [rivanna-portal.hpc.virginia.edu](http://rivanna-portal.hpc.virginia.edu). Within the Open OnDemand environment users have access to a file explorer; interactive applications like JupyterLab, RStudio Server & FastX Web; a command line interface; and a job composer and job monitor to submit jobs to the Rivanna cluster. Detailed instructions can be found on our [Open OnDemand documentation](#) page.



Launch Open OnDemand

Learn more about Open OnDemand

## Secure Shell Access (SSH)

Login here

# NetBadge

Your first authentication step when logging in to UVA systems

## Option 1:

Log in with your **Digital Certificate**.

A digital ID card that resides on your computer. [Get one now!](#)

Log In

## Option 2:

Log in with your **UVA computing ID password**.

UVA computing ID

wb8by

Password

.....

[Forgot your password or computing ID?](#)


Log In

You are attempting to sign in to a service run by the University of Virginia, for authorized use only. All use of this system is subject to the procedures detailed in the [UVA Information Policy Library](#). By using the University's systems, you acknowledge and consent to these terms.

[About NetBadge](#)


© 2023 by the Rector and Visitors of the [University of Virginia](#)

## Select JupyterLab

UVA OpenOnDemand Files ▾ Jobs ▾ Clusters ▾ 

2023-11-01 10:07:11 Project OnDemand, Globus, and d jobs with data on Project should be copied to Scratch Deployment of new hardware system and will be running

GPFS) are now accessible on all nodes, Open ad-only until further notice. Users who need to run nt location for the time being. Oldscratch data tch has been postponed to November 30. RC engineers are currently configuring the new

 UNIVERSITY of VIRGINIA

OnDemand provides an i

Message of the D

2023-08-15 Scratch Director October 17, 2023. Please bac not accessed in 90 days are removed. /scratch is intended as temporary storage for active work. It is not backed up and needs to be purged periodically in order to maintain a stable HPC environment. RC offers several low-cost storage options to researchers; see [here](#).

Computing

for all of your HPC resources.

/gpfs/gpfs0/scratch will be **permanently removed on** purge policy will be implemented for /scratch - files

Servers

- Code Server
- JupyterLab**
- PySpark
- RStudio Server

Desktops

- Desktop


GUIs


- MATHEMATICA
- MATLAB
- QGIS

Require UVA network

- FastX Web
- My Rivanna Status

Fill this out, using 'pde\_deep\_learning' as below

 PySpark

 RStudio Server

• [Learn More - Rivanna Queuing Policies](#)

Number of hours

72

Number of cores

6

Memory Request in GB ( maximum 384G )

12

Work Directory

HOME

Allocation (Research or Class MyGroup) - lowercase-only

pde\_deep\_learning

• [MyGroup](#)

Optional: GPU type for GPU partition

NVIDIA A100

Optional: Number of GPUs ( 1 ~ 4)

1

Show Additional Options

No

## Click Launch:

Work Directory

HOME

Allocation (Research or Class MyGroup) - lowercase-only

pde\_deep\_learning

- [MyGroup](#)

Optional: GPU type for GPU partition

NVIDIA A100

Optional: Number of GPUs ( 1 ~ 4)

1

Show Additional Options

No

☒ I would like to receive an email when the session starts

Launch

\* The JupyterLab session data for this session can be accessed under the [data root directory](#).