

HPC Training Series - Course 22 "HPC Fundamentals, Slurm, Open OnDemand & XDMoD"

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Open OnDemand: the HPC Web Portal

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Open OnDemand is a web portal application that enables HPC access through any modern browser, eliminating the need for SSH clients or command-line interfaces. The presentation covers the platform's core capabilities: file management, interactive applications like Jupyter and RStudio directly on compute nodes, and a web-based shell. The feature demo showcases virtual desktops, VS Code, MATLAB, and customized user experiences for different user types. The Project Manager, a recent feature, enables researchers to create and organize research projects while building, submitting, and monitoring batch jobs through an intuitive interface.

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