OPEN OnDemand

Gateways23
App Development
& Integration
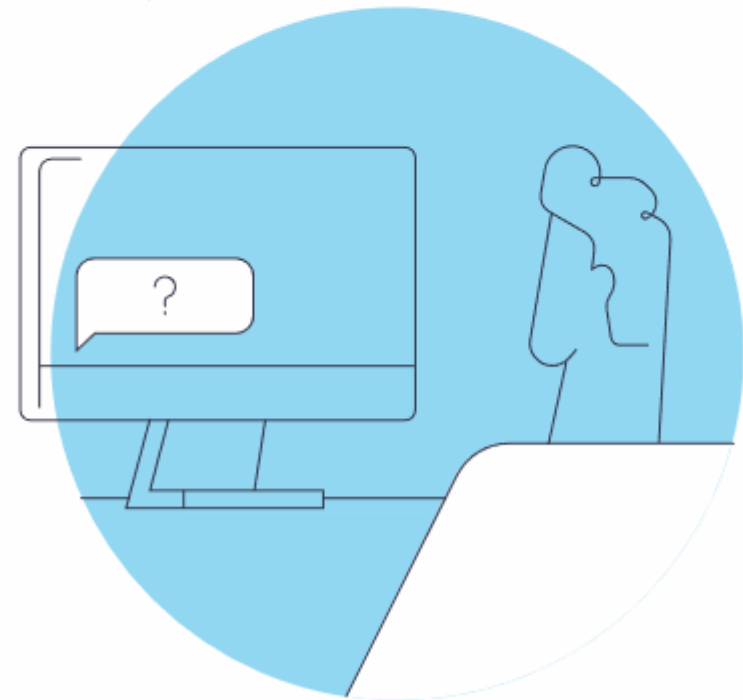
Ohio Supercomputer Center

University at Buffalo
Center for Computational Research

MGHPCC
MASSACHUSETTS GREEN HIGH PERFORMANCE COMPUTING CENTER

VIRGINIA TECH.

University of Colorado Boulder

openondemand.org/g23-tutorial
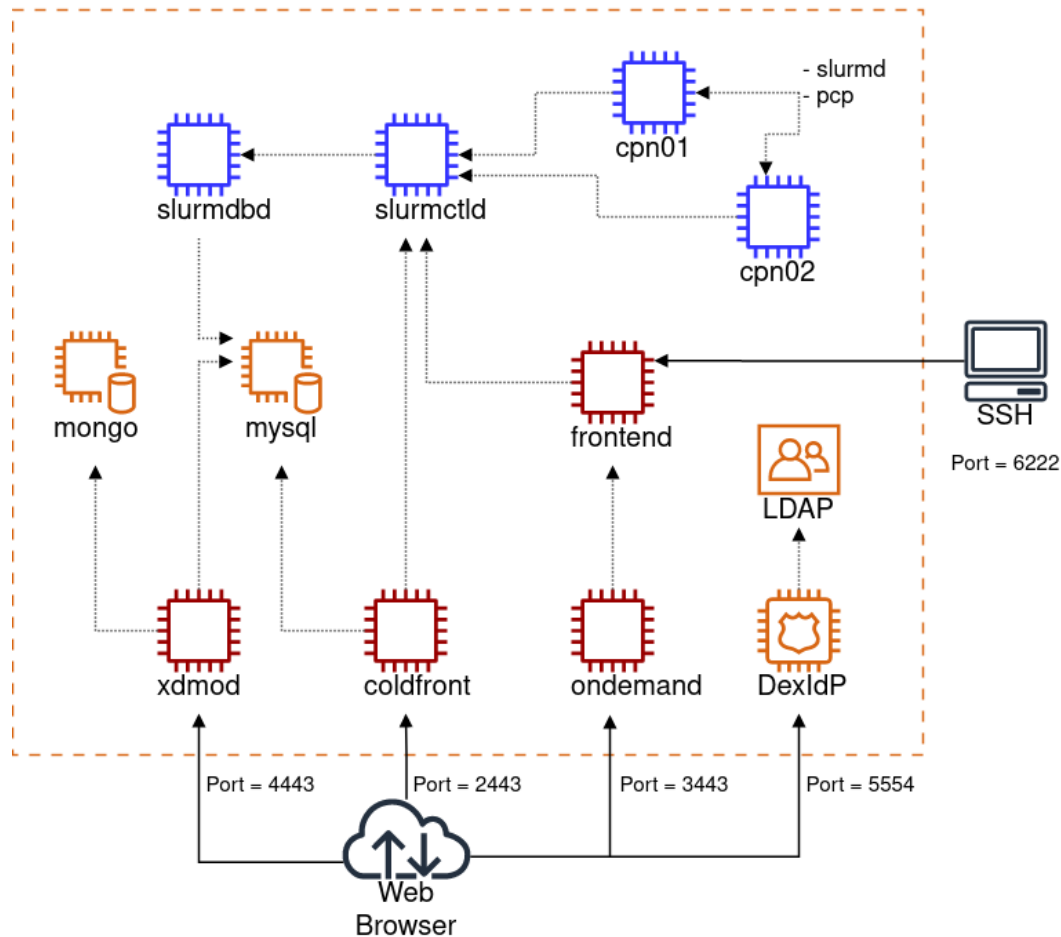
Tutorial Agenda

Logistics

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Tutorial Instructions

HPC Toolset Containers

WARNING!!! DO NOT run these containers on production systems. The tutorial container images are configured with hard coded, insecure passwords.

openondemand.org/tutorial

Tutorial Help

Join us on Slack!

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Run Open OnDemand

Access your organization's supercomputers through the web to compute from anywhere, on any device.

Zero installation

Run Open OnDemand entirely in your browser. No client software installation required.
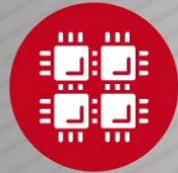
Easy to use

Start computing immediately. A simple interface makes Open OnDemand easy to learn and use.

Compatible with any device

Launch on any device with a browser—even a mobile phone or tablet.

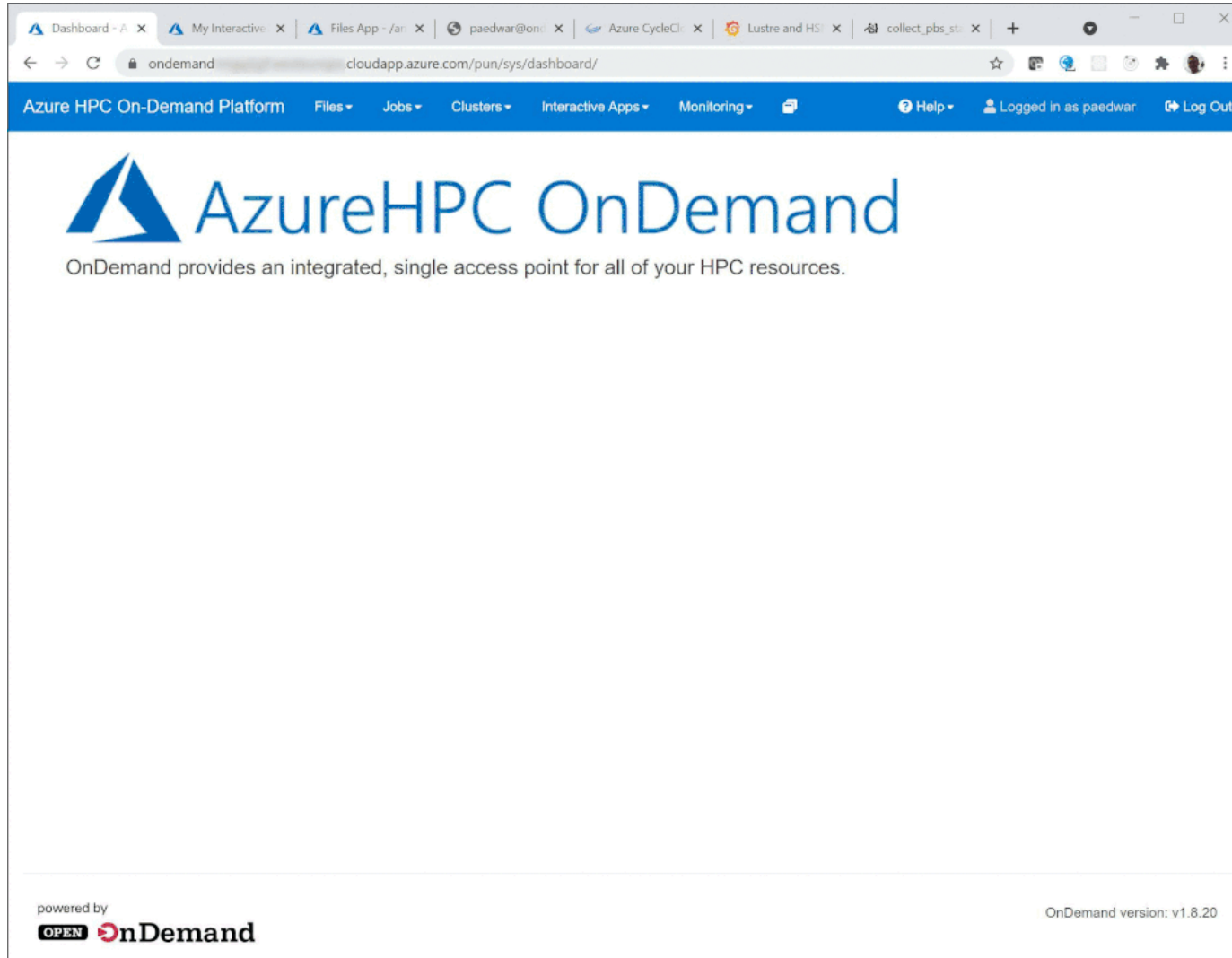openondemand.org/run

Any Device, Anywhere

openondemand.org/anydevice

Commercial Cloud

openondemand.org/aws

openondemand.org/azure

openondemand.org/gcp

Install Open OnDemand

OPEN OnDemand

Administer remote web access to your supercomputers to transform the way users work and learn.

Low barrier to entry

Empower users of all skill levels by offering an alternative to command-line interface.
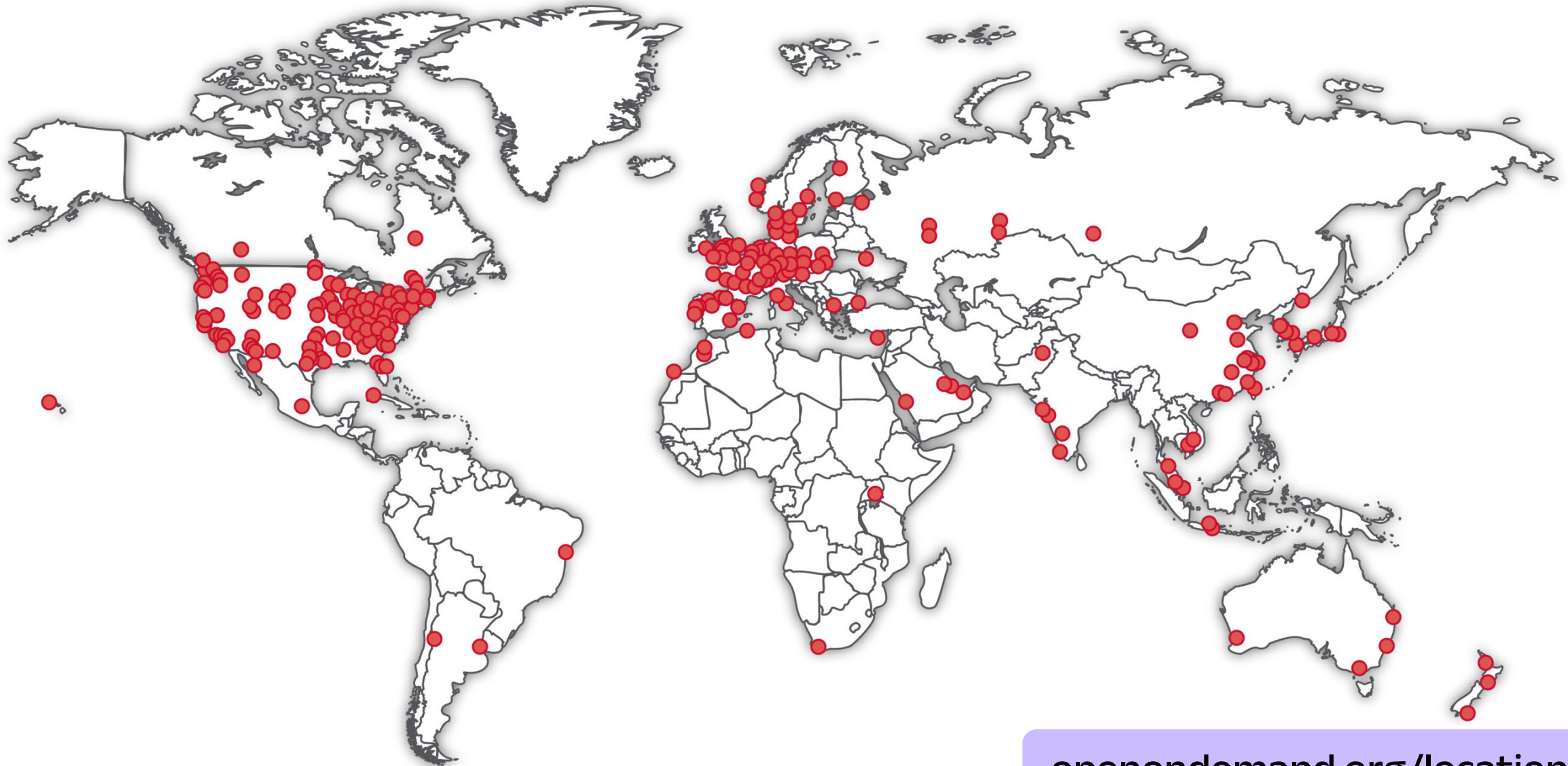
Free and open source

Install Open OnDemand for free, and gather knowledge from our large open-source community.

Configurable and flexible

Create and deploy your own applications to meet your users' unique needs.

openondemand.org/install

Deployed Worldwide

OPEN OnDemand

openondemand.org/locations

Enabled Utilities & Apps

Abaqus	LSF	RELION
ANSYS	Lumerical	RStudio
COMSOL	Mathematica	SAS
Coot	MATLAB	Shiny
CSD	Meshroom	Slurm
Galaxy	NAGIOS	Spark
Grace	Octave	STATA
Grafana	Open XDMoD	Tensorboard
Grid Engine	Ovito	Torque
IDL	Paraview	VISIT
Jupyter	PBS Professional	Visual Studio Code
Kubernetes	QGIS	VMD

openondemand.org/apps

Support

Discuss on Discourse

The Get Help thread on our Discourse forum features user and admin questions and answers. Browse recent questions or leave one of your own.

Documentation

Our documentation outlines installation steps, app development guidelines, release notes, and more. Search for a specific topic or browse for general info.
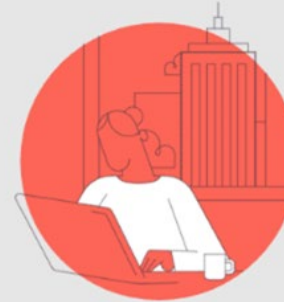
openondemand.org/support

Newsletter

OPEN OnDemand

openondemand.org

Connecting Computing Power With Powerful Minds

OnDemand for a Decade

Next week marks a major milestone for Open OnDemand. Ten years ago, on July 23, 2013, at the XSEDE 13 conference in San Diego, California, we publicly introduced "OSC OnDemand" to the research computing community.

The significant positive reactions and support we received from our peers and colleagues there and at subsequent events has led us to today, where Open OnDemand is in production use at hundreds of centers all around the world. Much has changed over the past decade with OnDemand, but the core functionality and benefits are still there, as seen in that short initial presentation (available via the link below).

openondemand.org/newsletter

Community Events

Tips and tricks calls

Hosted by the larger Open OnDemand community, tips and tricks webinars share best practices for setting up and using Open OnDemand. They take place on the first Thursday of every month at 1 p.m. ET.

Open office hours

Hosted by our development team, Zoom open office hours are the perfect opportunity to ask questions or make a suggestion. They are held on the second Tuesday of every month from 11:15 a.m. to 12:45 p.m. ET.

openondemand.org/events

How to Contribute

Spread the word

Mention us on Twitter @open_ondemand—or simply tell your friends!

Make a suggestion

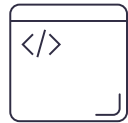Pitch a new app or feature—or report a bug—to help make Open OnDemand even better.

Engage with us

Collaborate with us to make your corporate or higher ed project a reality.

Write documentation

Draft documentation for a new app or feature, or help us revise existing docs.

Write code

Write code for a new app or feature, and share it with our community.

Fund the project

Provide monetary support to our development team or one of our partners. Every gift helps!

openondemand.org/contribute

Open Positions

openondemand.org/jobs

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