



Cloud Services for the Scientific Community

The Open Science Data Cloud

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What is the OSDC?

We provide and support cloud computing and storage services for the scientific research community. The OSDC is run by the [Open Cloud Consortium](#), a non-profit organization whose primary goal is to support scientific advances by working with researchers in a variety of disciplines.

Why use the OSDC?

Our cloud services are based on the principles of openness and interoperability. The OSDC infrastructure is tailored towards the high performance storage and compute resources often required for scientific discovery. We view the OSDC as complementary to commercial cloud services available.

How do I get started?

First, apply for an account. Once you have an account, you can take a look at the OSDC instructions, login to the console and get started.

[Apply Now](#)

[Login to the OSDC Console](#)

The OSDC is a resource of the [Open Cloud Consortium](#) and made possible by our [sponsors](#).

The Open Science Data Cloud (OSDC) is a production 5PB, 7500 core, wide area 10G cloud.

www.opensciencedatacloud.org

GORDON AND BETTY
MOORE
FOUNDATION

What Does the OSDC Do with HPN?

- Connect together the data centers that support the Open Science Data Cloud
 - Kenwood, University of Chicago
 - Hinds, University of Chicago
 - StarLight, Chicago
 - LVOC, California
- Connect together the testbeds that support the Open Cloud Testbed
 - All the above and AMPATH, Florida

What Will We Do With 100G

- Connect together our data centers at higher bandwidth so that users can more easily compute over data in other data centers
- Provide direct API access to remote data commons
- Build a wide area 100G data cloud
- Come to our Booth #828