The Open Science Data Cloud

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

www.openscienceidatacloud.org
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