

Research Data Management -as-a-Service

www.globusonline.org

Steve Tuecke

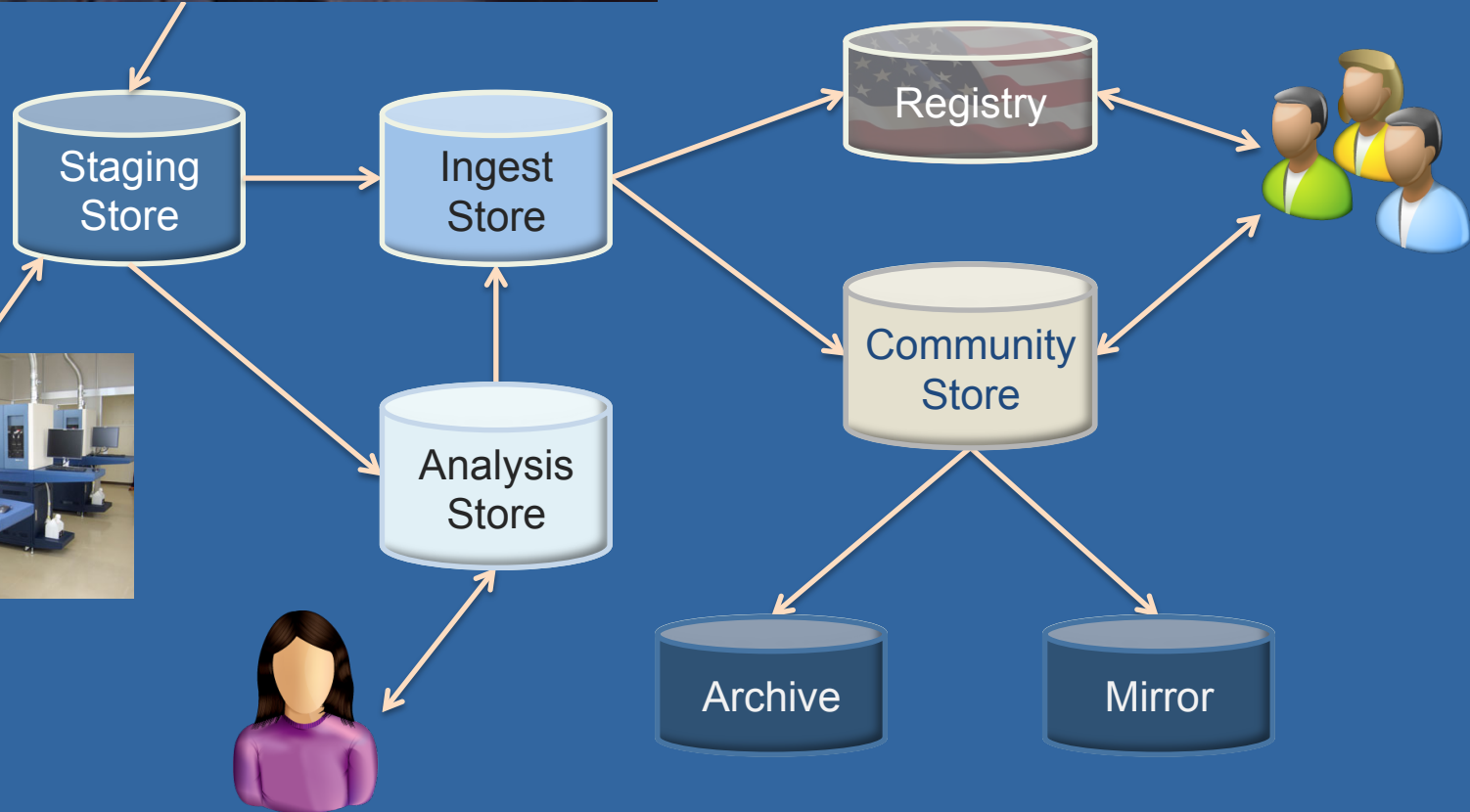
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globus online

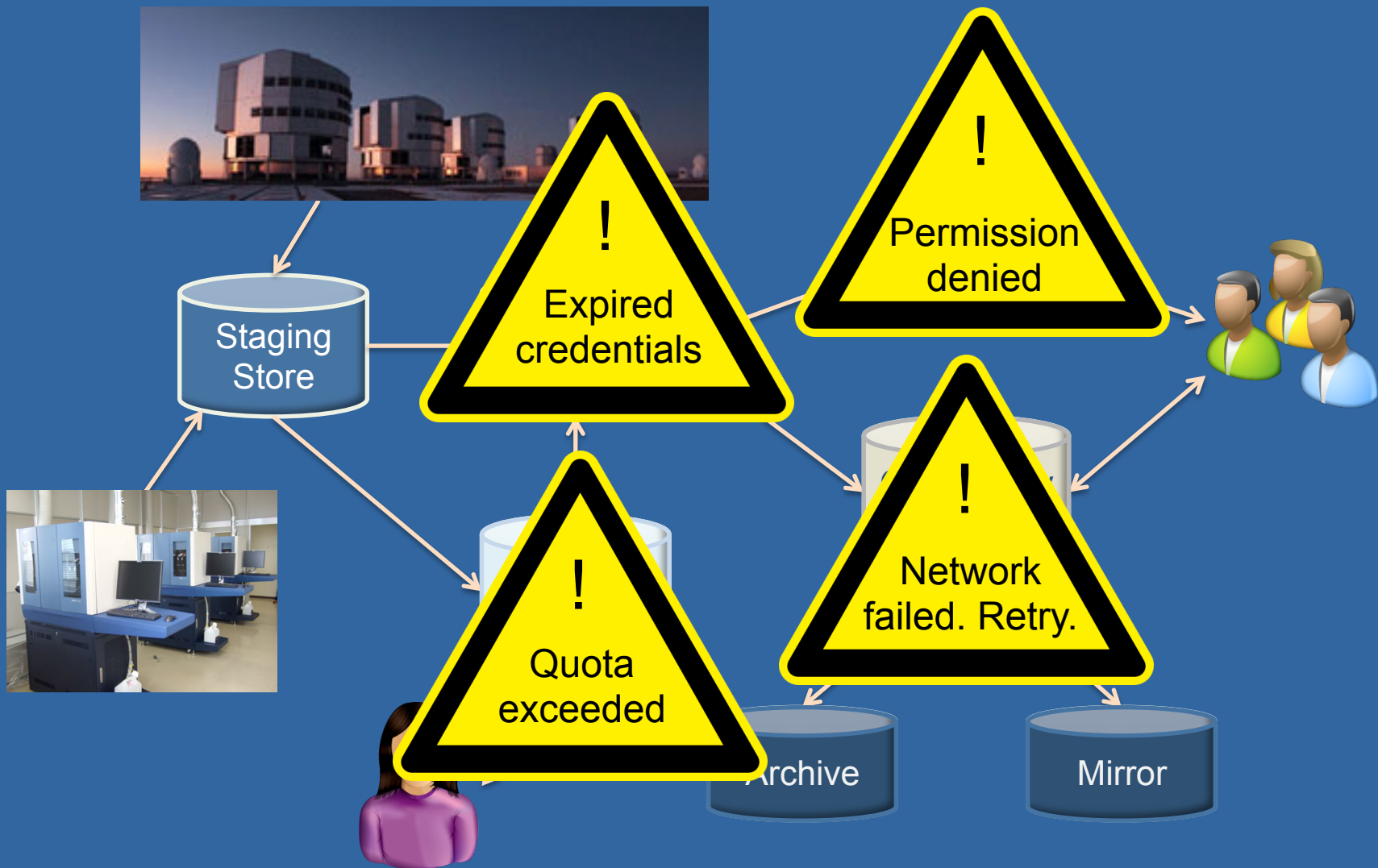


Managing data should be easy ...





... but it's hard and frustrating!





What is Globus Online?

Big data transfer
and sharing...

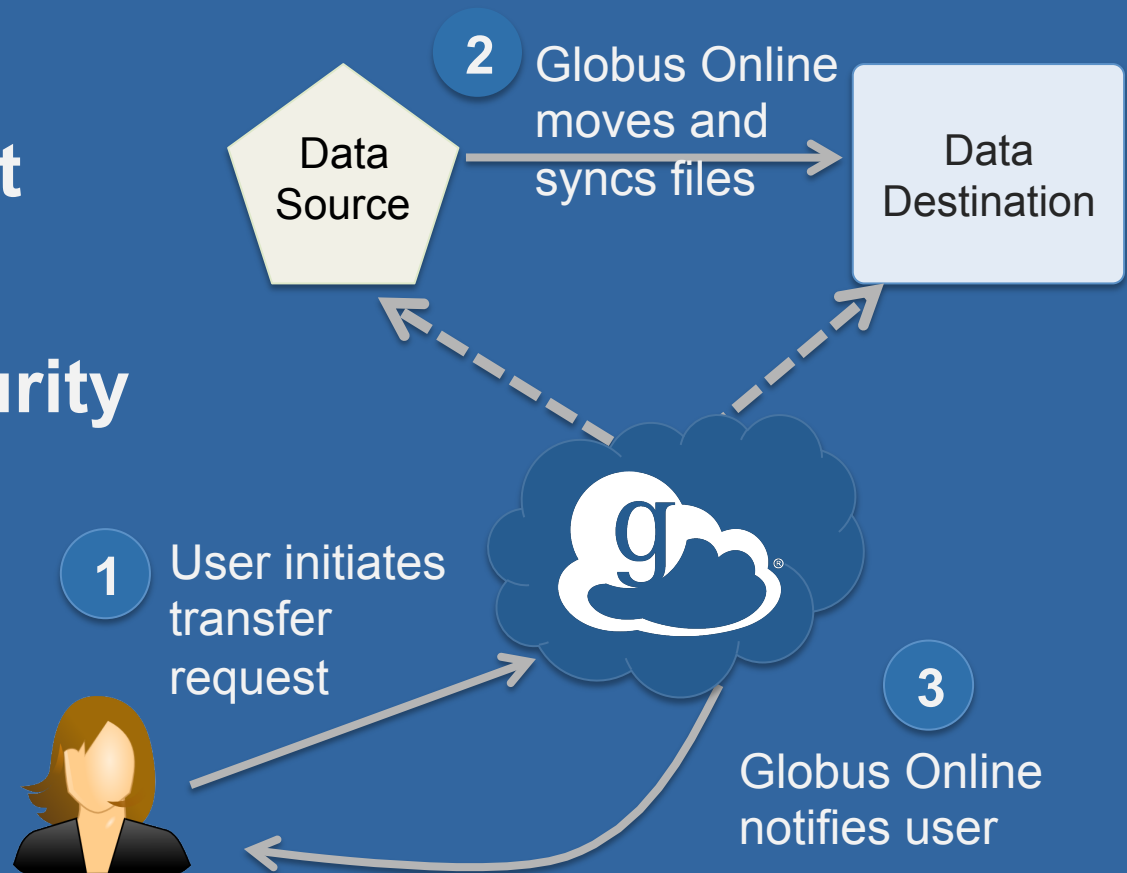
...with dropbox-like
simplicity...

...directly from your own
storage systems



Reliable, secure, high-performance *file transfer* and *synchronization*

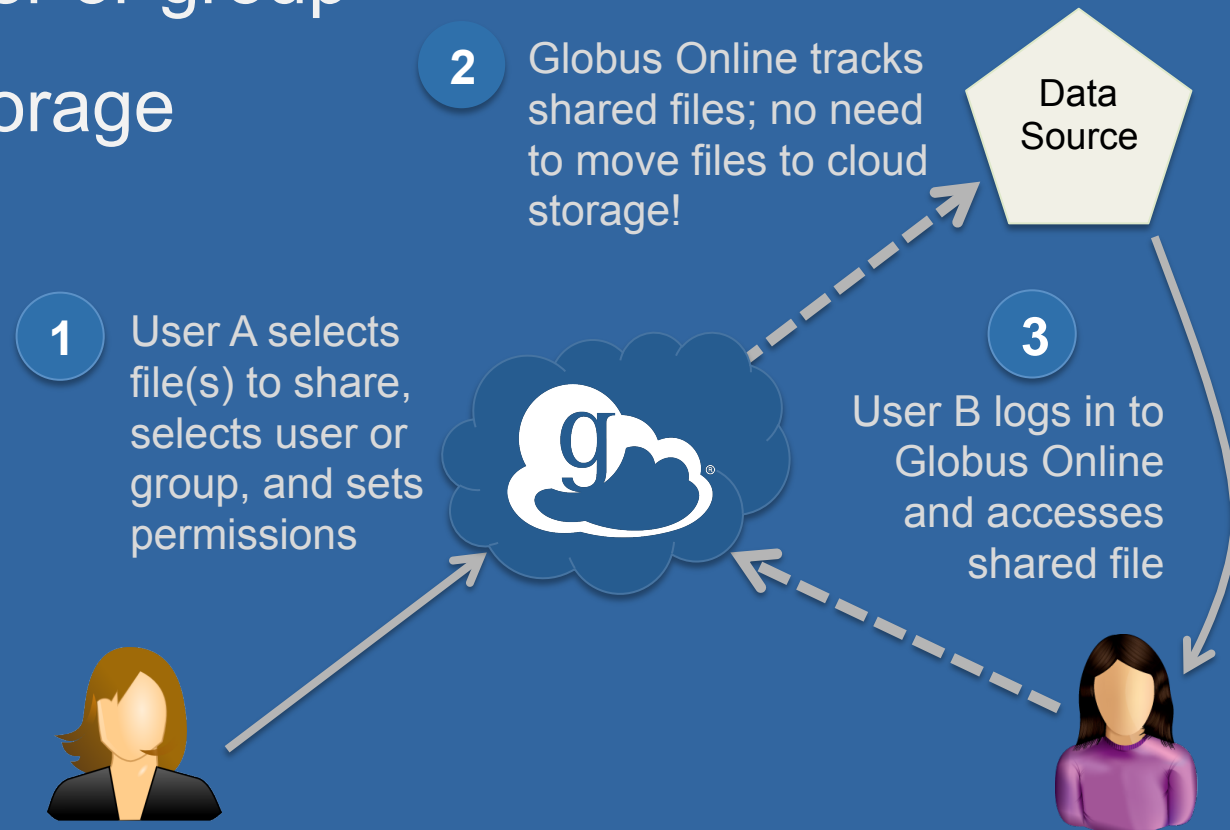
- “Fire-and-forget” transfers
- Automatic fault recovery
- Seamless security integration





Simple, secure *sharing* off existing storage systems

- Easily share large data with any user or group
- No cloud storage required





Globus Online is SaaS

- **Web, command line, and REST interfaces**
- **Reduced IT operational costs**
- **New features automatically available**
- **Consolidated support & troubleshooting**
- **Easy to add your laptop, server, cluster, supercomputer, etc. with Globus Connect**



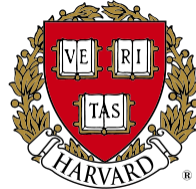
Demonstration



Join your peers

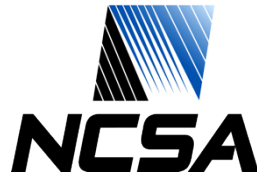
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Globus Connect Multiuser for providers

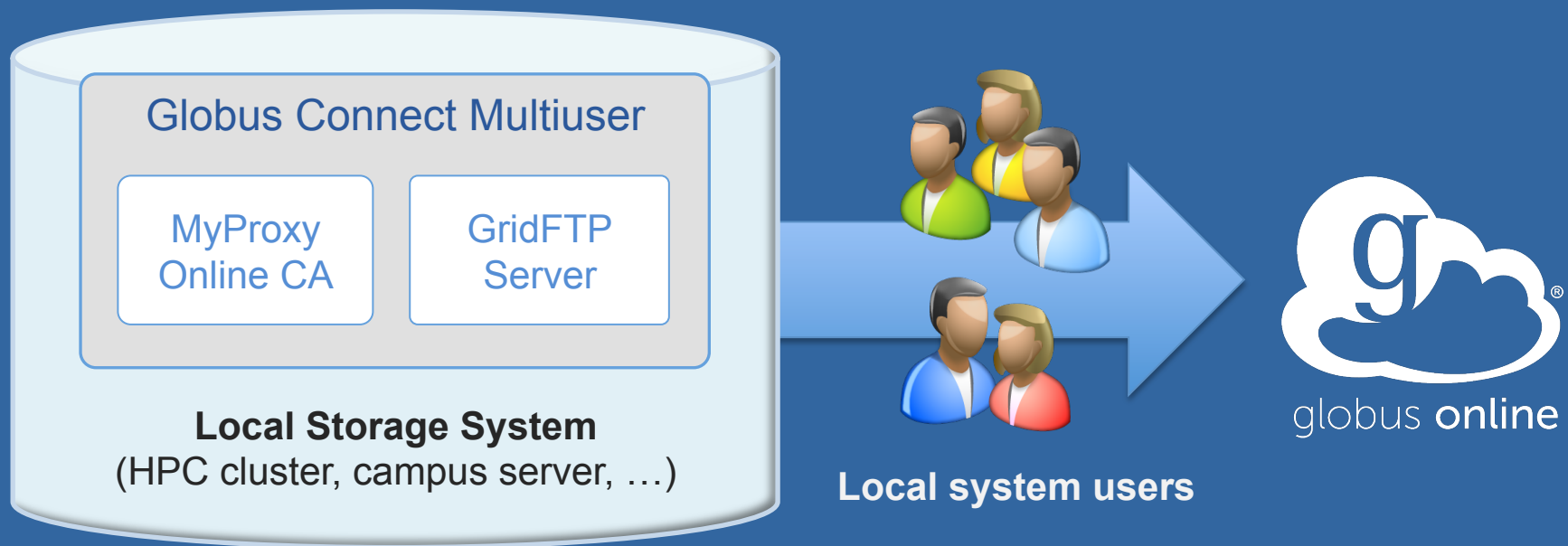
**Deliver advanced data management
services to your researchers**

**Provide an integrated user
experience**

Reduce your support burden



Globus Connect Multiuser



- **Create endpoint in minutes; no complex GridFTP install**
- **Enable all users with local accounts to transfer files**
- **Native packages: RPMs and DEBs**
- **Also available as part of the Globus Toolkit**



We are a non-profit service
provider to the non-profit
research community



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Our challenge:
Sustainability



End User Plans

- **Basic: Free**
 - File transfer and synchronization to/from servers
 - Create private and public endpoints
 - Access to shared endpoints created by others
- **Plus: \$7/month (or \$70/year)**
 - Create and manage shared endpoints
 - Peer-to-peer transfer and sharing



Globus Online Provider Plans

Bundle of Plus subscriptions
+ Features for providers

<http://globusonline.org/provider-plans>

Starting at \$20k/year



Provider Plan features

- **Endpoint operations management**
- **Branded web sites**
- **Alternate identity provider**
- **Usage reporting**
- **MSS optimizations**
- **Multiple GridFTP servers per endpoint**



Globus Platform-as-a-Service



Globus Online APIs



Dataset Services

Sharing Service

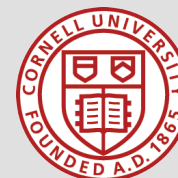
Transfer Service

Globus Nexus
(Identity, Group, Profile)



Globus Toolkit

Globus Connect





Our research is supported by:



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- **Connect your system:
globusonline.org/globus_connect**
- **Learn: support.globusonline.org/forums**
- **Need help? support.globusonline.org**
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