

# Simplify Big Data Sharing with Globus Online

*Tuesday, 9 April 2013 11:35 (20 minutes)*

## Impact

Globus Online offers powerful tools for researchers and the scientific community. The new sharing capability dramatically simplifies big data sharing, allowing for better workflows within research teams, as well as collaboration with other researchers around the world. Globus Online empowers researchers to manage their own big data transfers and sharing, for whatever needs their research demands.

Since its launch in 2010, Globus Online's advanced file transfer capabilities have alleviated many of the headaches associated with big data and high-performance computing environments. Globus Online offers these capabilities easily and inexpensively.

## URL

[www.globusonline.org](http://www.globusonline.org)

## Summary

Globus Online recently added sharing functionality to its file transfer and synchronization service, allowing researchers across institutions to easily share their big data with their collaborators. Researchers now have the ability to share directly from their own file systems, with high performance, security, and reliability. Another major new feature is peer-to-peer data transfer and sharing between researcher desktops and laptops. In this presentation, Steve Tuecke will demonstrate this new Globus Online functionality.

## Description

As science becomes more computation- and data-intensive, there is an increasing need for researchers to move and share data across institutional boundaries. Managing massive volumes of data throughout their lifecycle is rapidly becoming an inhibitor to research progress, due in part to the complex and costly IT infrastructure required – infrastructure that is typically out of reach for the hundreds of thousands of small and medium labs that conduct the bulk of scientific research.

Globus Online provides software-as-a-service (SaaS) for research data management, including data transfer, synchronization and sharing. Globus Online is as simple to use as Dropbox, but allows for big data sharing and transfer from your own computers – so you get the benefits of having your data wherever you need it, without the expense and slow transfers to and from the cloud.

Many researchers already use Globus Online to move their data; in early 2013, users will also be able to use the service to share data with partners near and far. This means simplified workflows within laboratories and teams. And for those who have collaborators across the country or around the world, Globus Online includes a group management systems that makes it easy to share and sync data with the team.

In this presentation, we will discuss the why and how of Globus Online's transfer, share, and sync capabilities, including common use cases, examples of how to share from server, and instructions for sharing from your own laptop.

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