

WBS 2.4.3 Data Transfer Services (DTS)

Mission Statement

The Data Transfer Services (DTS) group facilitates data movement and management for the community by maintaining and continuously evolving XSEDE data services and resources.

Goals, Metrics & KPIs

Metrics

Metric	Target	Subgoal
Performance (Gbps) of instrumented, intra-XSEDE transfers > 1GB	3.0 Gbps	Sustain - Provide reliable, efficient, and secure infrastructure
XSEDEnet peak bandwidth used (Gbps)		Sustain - Provide reliable, efficient, and secure infrastructure
New services added		Evolve - Create an open and evolving e-infrastructure
Services retired		Evolve - Create an open and evolving e-infrastructure
Total Globus Online users		Sustain - Provide reliable, efficient, and secure infrastructure
Total new Globus Online users		Sustain - Provide reliable, efficient, and secure infrastructure
Total transfers (Million) inbound		Sustain - Provide reliable, efficient, and secure infrastructure
Total transfers (Million) outbound		Sustain - Provide reliable, efficient, and secure infrastructure
Size of transfers (TBs) inbound		Sustain - Provide reliable, efficient, and secure infrastructure
Size of transfers (TBs) outbound		Sustain - Provide reliable, efficient, and secure infrastructure
Total number of days in which any Network Interface error occurred		Sustain - Provide reliable, efficient, and secure infrastructure

KPI

Data Transfer Services does not have a KPI metric.

Team Members

Name	Institution	Position	Email
Dave Wheeler	National Center for Supercomputing Applications (NCSA)	Manager	dwheeler@illinois.edu
Tabitha Samuel	University of Tennessee - NICS	Deputy manager	tsamuel@utk.edu
Adam Howard	University of Tennessee - NICS	Data/network engineer	ahoward@utk.edu
Tom Krobatsch	University of Tennessee - NICS	Data/network engineer	tkrobats@utk.edu
Richard Angeletti	Pittsburgh Supercomputing Center (PSC)	Data/Network engineer	reno@psc.edu
Kathy Benninger	Pittsburgh Supercomputing Center (PSC)	Data/Network engineer	benninger@psc.edu
Tom Hutton	San Diego Supercomputer Center (SDSC)	Data/Network engineer	hutton@ucsd.edu
Chris Jordan	Texas Advanced Computing Center (TACC)	Data/Network engineer	ctjordan@tacc.utexas.edu
Matt Kollross	National Center for Supercomputing Applications (NCSA)	Data/Network engineer	kollross@illinois.edu
Michael Lambert	Pittsburgh Supercomputing Center (PSC)	Data/Network engineer	lambert@psc.edu

Communication & Meetings

The Data Transfer Services team holds the following two meetings on a recurring basis:

- [DTS Team Meeting \(Biweekly\)](#)
- [DTS Community Call \(Monthly\)](#) (currently in hiatus)
- [DTS Google Drive](#)

New Staff Orientation

Projects/Activity Areas

1. Maintain DNS
2. Maintain Internet2 relationship
3. [Investigate New Data transport methods](#)
4. [Maintain Monitoring tools](#)
5. [Monitor and Maintain DTS Services](#)
6. [Maintain XSEDENet architecture](#) and onboard new sites
7. Performance tuning
8. Engage community

Documentation

1. [GridFTP logging upload to centralized log collector configs and steps](#)
2. [XSEDEnet Routing Policy](#)