

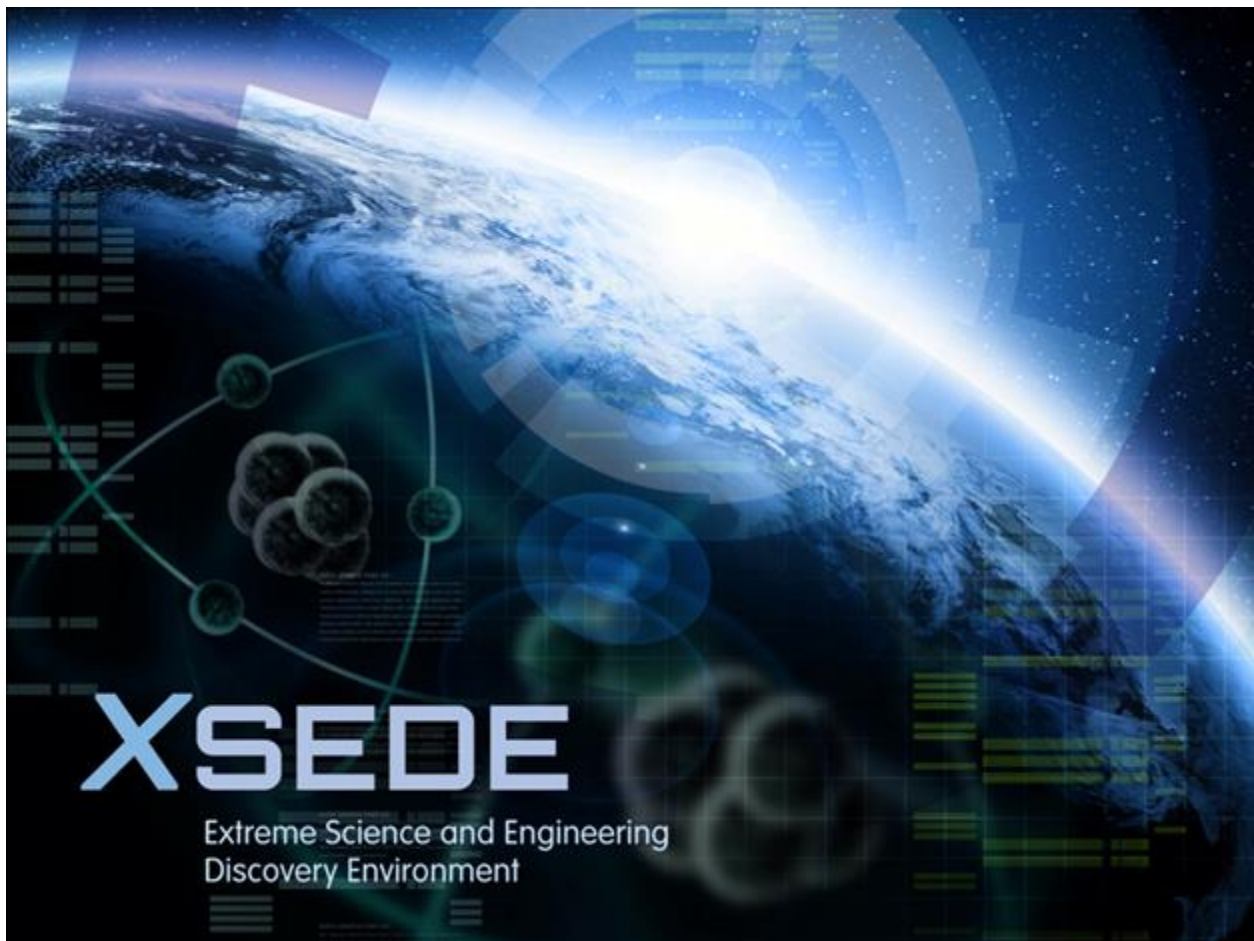
# XSEDE Operations Deployment Plan: GridFTP v6

Release patched GridFTP 5.2.5 with logging fixes

SDIACT-129

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Version 1.1



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N/A

## A. Document History

Entire Document	1.0	2015-10-22	Initial draft		Shava Smallen
<b>D.1, F.2</b>	1.1	2015-10-27	Removed from Nautilus Resources; added document link	install	Tabitha Samuel

## **B. Document Scope**

This document outlines the XSEDE Operations deployment plan for the Globus GridFTP server for XSEDE Service Providers.

## C. Overview

GridFTP is a high-performance, secure, reliable data transfer protocol optimized for high-bandwidth wide-area networks. The GridFTP protocol is based on FTP, the highly-popular Internet file transfer protocol. This server activity updates XSEDE-specific packages for Globus GridFTP to version 6, which addresses the logjam vulnerability.

GridFTP has completed the XSEDE engineering process as “SDIACT-129 Incremental GridFTP fixes and enhancements that address the logjam vulnerability”. It passed both SD&I and Operations testing and has been approved for deployment onto relevant XSEDE Service Provider resources.

## D. Resources

### D.1 Human Resources

The deployment of this component requires installation at each of the SPs. The following human resources have been identified:

<b>Resource</b>	<b>SP Site/XSEDE Group/Other Resource</b>
Staff	NICS (Darter)
Staff	PSC (Greenfield)
Staff	TACC (Stampede, Wrangler)
Staff	NCAR (Glade)
Staff	SDSC (Gordon, Comet)
Staff	Indiana (Mason)
Staff	LSU (SuperMIC)

### D.2 Budget

Service Providers already provide service nodes on their systems for the GridFTP services that interface with the site compute resources. No additional resources are provided by XSEDE.

## E. Coordination and Communication

This new component deployment will not cause any existing service outages. No coordination with other XSEDE components required.

## F. Deployment

### F.1 XSEDE Enterprise Services

#### F.1.1 XUP

No changes required.

#### F.1.2 SSO Hub

No changes required.

#### F.1.3 Nagios

No monitoring changes required for Nagios.

#### F.1.4 Inca

No monitoring changes required for Inca. When SPs register new version of software, Inca will automatically pick up the changes.

### F.2 XSEDE Service Providers

Update Globus GridFTP server by following

<https://software.xsede.org/production/gridftp/gridftp-6.0.1/XSEDE-GridFTP-install.html>

### F.3 XSEDE User Services

No changes to user documentation needed.

### F.4 XSEDE Training

No changes to user documentation needed.

## G. Schedule

The schedule for deployment involves installation and configuration of the Globus client tools and testing by the SPs.

Task #	Task	Start Date	End Date	Resource
1.	Update Globus GridFTP on SPs	10/30/15	12/31/15	SPs
2.	Deployment complete		12/31/15	