

XSEDE Operations Deployment Plan: GridFTP 5.2.5 patch

SDIACT-188 GridFTP 5.2.5 patch

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Version 1.0



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A. Document History

Relevant Sections	Version	Date	Changes	Author
Entire Document	1.0	1/20/2015	Initial draft	V.Hazlewood

B. Document Scope

This document outlines the XSEDE Operations deployment plan for deployment of SDIACT-188 GridFTP 5.2.5 patch across XSEDE Service Providers providing data transfer services.

C. ST&D-GridFTP Overview

GridFTP 5.2.5 patch has completed the XSEDE engineering process as SDI Activity 188 named “patched GridFTP with logging fixes”. It passed the SDI and Operations testing and has been approved for deployment onto relevant XSEDE Service Provider resources. SDI test plans and test reports are available at [SDI Activity 188](#). Operational Review test report is available at the same location.

The GridFTP 5.2.5 server software is available in rpm format and can be installed by obtaining the rpm’s and installing them or using yum to install them where applicable. The installation instructions are available at <http://software.xsede.org/production/gridftp/gridftp-5.2.5/INSTALL.html>

D. ST&D-GridFTP Resources

D.1. Human Resources

The deployment of GridFTP requires installation at each of the SPs who are not already running GridFTP 5.2.5 patch or higher. The following human resources have been identified:

Resource	SP Site/XSEDE Group/Other Resource
Staff	NICS (Darter, Nautilus)
Staff	PSC (Blacklight)
Staff	TACC (Stampede, Lonestar)
Staff	NCAR
Staff	SDSC (Gordon, Trestles)
Staff	Purdue (Steele)
Staff	Indiana (Mason)
Staff	LSU (SuperMIC)
User Services staff	XSEDE User Services

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.

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E. ST&D-GridFTP Schedule

The schedule for deployment involves installation and configuration of the GridFTP 5.2.5 (or higher) software and testing by the SPs.

Task #	Task	Start Date	End Date	Resource
1.	Install GridFTP at all SPs that do not have it	1/20/2015	3/1/2015	SPs
2.	GridFTP deployment complete		4/1/15	