

XSEDE Operations Deployment Plan: Science Gateway User Count

SDIACT-063 Science Gateway User Count

15 December 2014

Version 1.1

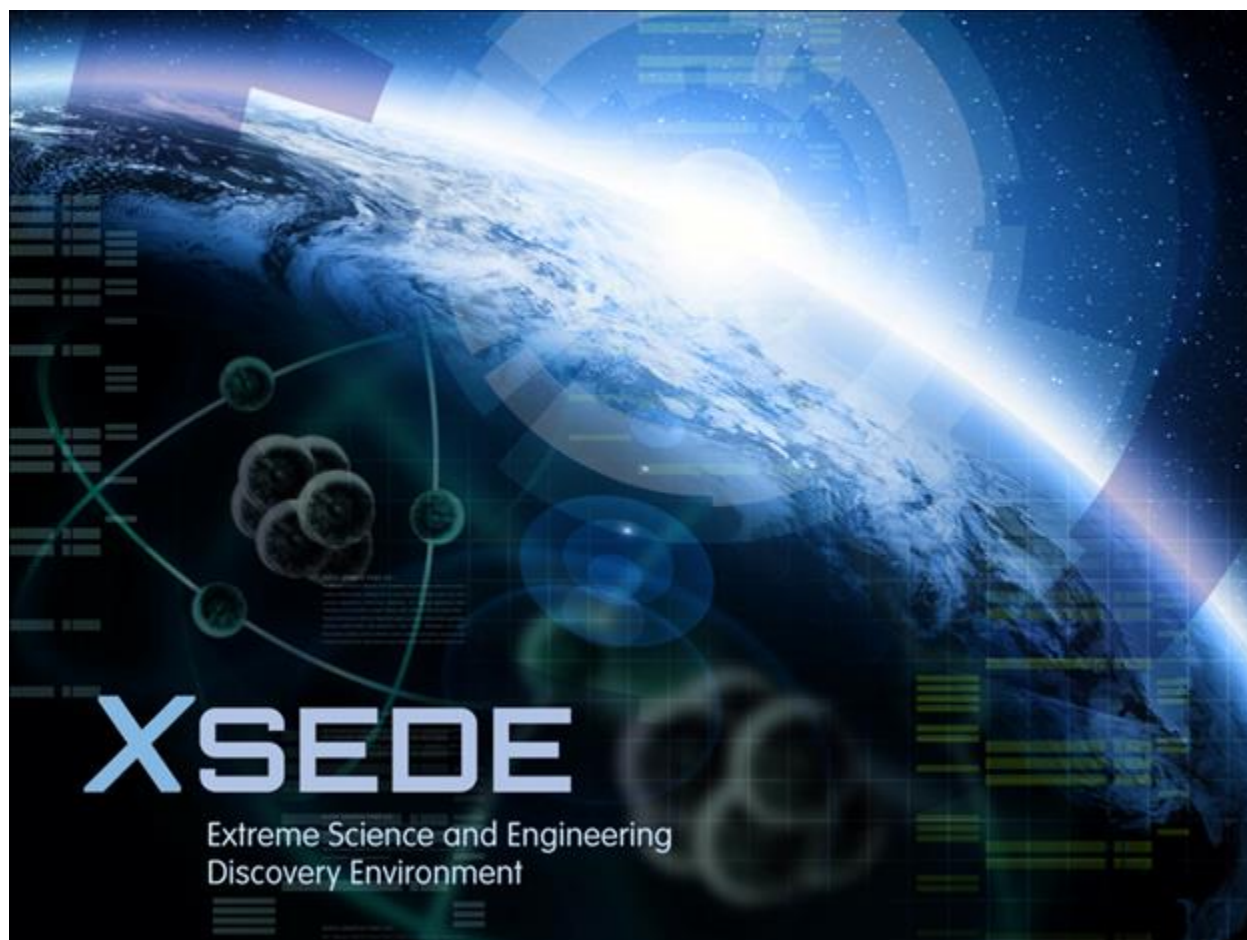


Table of Contents

A. Document History.....	iv
B. Document Scope.....	v
C. Science Gateway User Count Overview	1
D. Science Gateway User Count Resources.....	1
D.1. Human Resources	1
D.2. Budget.....	1
E. Science Gateway User Count Schedule.....	2

List of Figures

N/A

A. Document History

Relevant Sections	Version	Date	Changes	Author
Entire Document	1.0	12/15/2014	Initial draft	V.Hazlewood
	1.1	12/15/2014	Changes based on T.Samuel feedback	V.Hazlewood

B. Document Scope

This document outlines the XSEDE Operations deployment plan for the deployment of Science Gateway User Count 1.0 as a result of the XSEDE engineering activity SDIACT-063 described at <https://software.xsede.org/jira/view/SDIACT-063>.

C. Science Gateway User Count 1.0 Overview

Gateway Submit User Count version 1.0 has completed the XSEDE engineering process as SDIACT-063. It passed the joint SDI and Operations testing and has been approved for deployment onto relevant XSEDE Service Provider resources that allow use of SP resources via Science Gateways (using community accounts). Operational test plan and operational review reports are available at the links published on the [JIRA page for SDIACT-063](#) and this has links to other related SD&I documentation.

The Science Gateway User Count software, called gateway-submit-attributes-1.0, is for use by SPs which have XSEDE Science Gateways which submit jobs via GSISSE. The software is available in tarball format and can be installed by obtaining the tarball and installing it following the installation instructions. The installation instructions are available at <http://software.xsede.org/production/gatewayUserCount/Packages/INSTALL>.

D. Science Gateway User Count Resources

D.1. Human Resources

The deployment of Science Gateway User Count requires evaluation of the software at each of the SPs to determine if they have Gateways which use the GSISSE method for job submission and should to install this software. The following human resources have been identified:

Resource	SP Site/XSEDE Group/Other Resource
SP Staff	NICS (Darter, Nautilus)
SP Staff	PSC (Blacklight, Bridges)
SP Staff	TACC (Stampede, JetStream)
SP Staff	SDSC (Gordon, Trestles, Comet)
SP Staff	Indiana (Mason, JetStream)
SP Staff	LSU CCT (SuperMIC)
XSEDE Science Gateway staff	XSEDE Science Gateways

The SP staff will install the software as needed and the XSEDE Science Gateway staff will work with the gateways to get this implemented by the Science Gateway interfaces.

D.2. Budget

No budget resources for installation is expected or provided by XSEDE. Software is to be installed on existing SP resources

E. Science Gateway User Count Schedule

The schedule for deployment involves installation and configuration of the gateway_submit_attribute-1.0 software and testing by the SPs.

Task #	Task	Start Date	End Date	Resource
1.	SP staff reviews their Science Gateway usage and determine if this software needs to be installed	12/15/15	12/31/15	SP staff
2.	SP staff install software as needed	12/31/15	2/27/15	XSEDE SP Coordinator and ST&D staff and SP staff
3.	Science Gateway User Count software deployment complete		2/27/15	