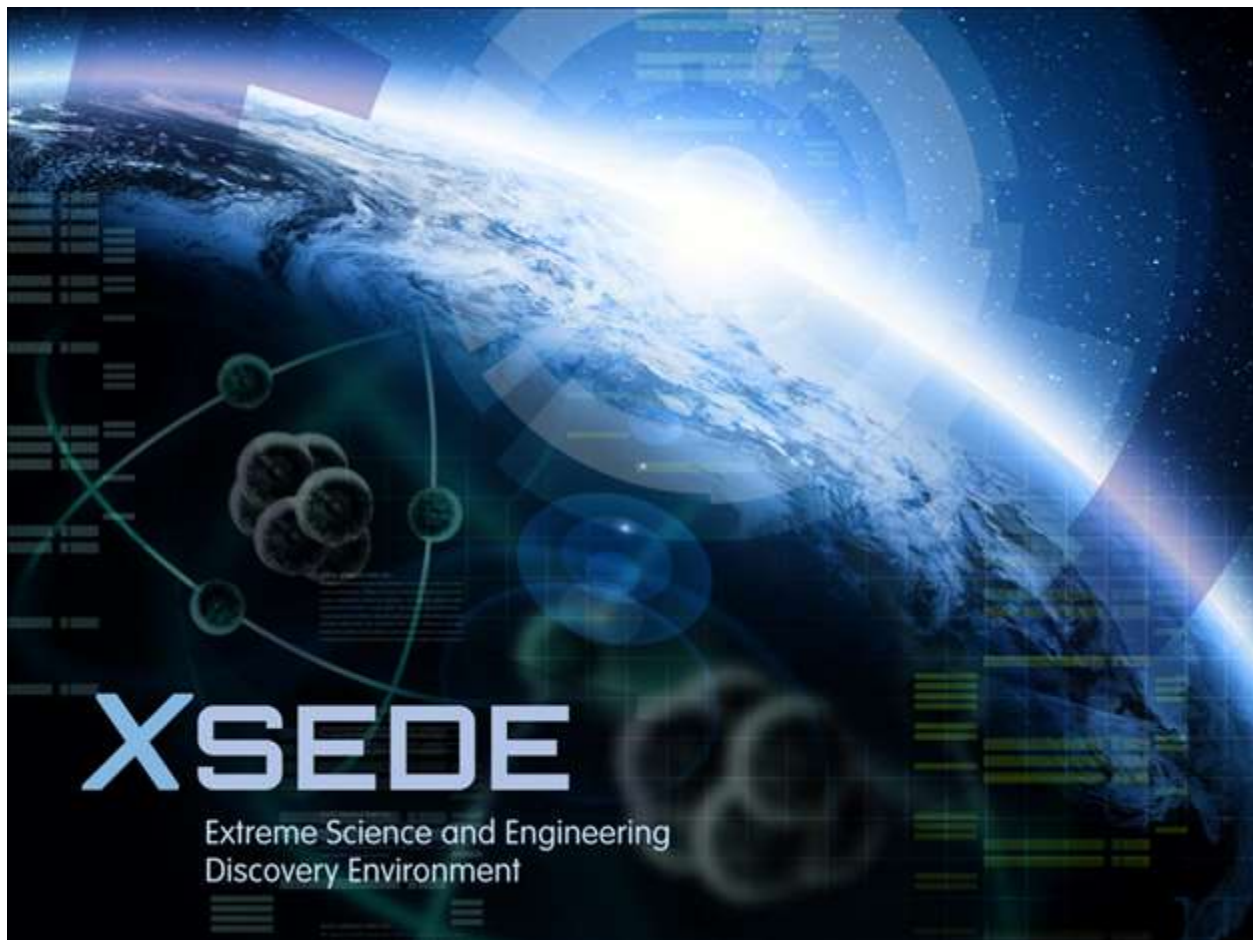


# XSEDE Deployment Plan for xdinfo

XCI-28 xdinfo

March 22, 2017

Version 1.4



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## A. Document History

Relevant Sections	Version	Date	Changes	Author
Entire Document	1.0	2016-11-16	Initial draft	JP Navarro
Add news, retire tginfo	1.1	2016-12-09	TRR revisions	JP Navarro
	1.2	2017-02-15	Bump software v 1.3	
	1.3	2017-02-23	Mention user docs	
<b>Entire Document</b>	1.4	3/22/2017	Review all doc	V. Hazlewood

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## **B. Document Scope**

This document outlines the XSEDE Operations deployment plan for XCI-28 xinfo.

## C. Overview

xdinfo provides a command line interface to query the information services warehouse. xdinfo has completed the XSEDE engineering process as “XCI-28 xdinfo”. It passed integrated testing and has been approved for deployment onto relevant XSEDE SP resources. The test plan can be found [here](#).

## 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:

Resource	SP Site/XSEDE Group/Other Resource
Staff	OSG
Staff	PSC (Bridges)
Staff	TACC (Stampede, Wrangler)
Staff	SDSC (Gordon, Comet)
Staff	Indiana (Jetstream)
Staff	LSU (SuperMIC)
Staff	Stanford (Xstream)
User Services staff	XSEDE User Services

### D.2. Budget

No additional resources are needed for this deliverable.

## E. Coordination and Communication

### E.1. Deployment coordination

The release of this component should be announced to XSEDE users via appropriate SP to user communications channels. INCA tests for xdinfo can/should be put in place to test. This deployment depends on XSEDE Central Information Services REST APIs which are already in production.

## E.2. Draft news announcement

A draft news item is below. You can also add a sentence in the announcement of how to get to the software if it is not going to be in the default path.

A new *xdinfo* command line tool enables users of XSEDE services provider login nodes to interactively display information about XSEDE HPC/HTC/storage resources such as login, gridftp, and gram5; software components; and resource outages.

## F. Deployment

### F.1. XSEDE Enterprise Services

#### NONE

n/a

#### Nagios

No test exist or need to be changed.

#### Inca

Create/install an INCA xdinfo test.

### F.2. XSEDE Service Providers

XSEDE SPs can find the installation guide at:

<https://software.xsede.org/production/xdinfo/xdinfo-1.3-1/INSTALL>

The xdinfo software is located at <https://software.xsede.org/production/xdinfo/xdinfo-1.3-1>

If XSEDE SPs have tginfo in their software they should retire tginfo by:

1. Removing any modules for user access to tginfo
2. Stop advertising tginfo availability thru IPF (which should happen automatically when the Module is removed)

### F.3. XSEDE User Services

The XUP team needs to deploy the xdinfo user documentation in the user portal:

[https://software.xsede.org/svn/xci/activities/xci-028/trunk/Deliverables/User\\_Documentation.html](https://software.xsede.org/svn/xci/activities/xci-028/trunk/Deliverables/User_Documentation.html)

#### F.4. XSEDE Training

No XSEDE training is required or needs to be modified.

#### G. Schedule

The schedule for deployment involves installation and configuration of the xinfo software and testing by the SPs.

<b>Task #</b>	<b>Task</b>	<b>Start Date</b>	<b>End Date</b>	<b>Resource</b>
1.	Deploy xinfo on SP resources	3/22/2017	4/28/2017	SP Admins
2.	Install user documentation	4/1/2017	4/28/2017	User Services
3.	Deployment complete		5/1/2017	