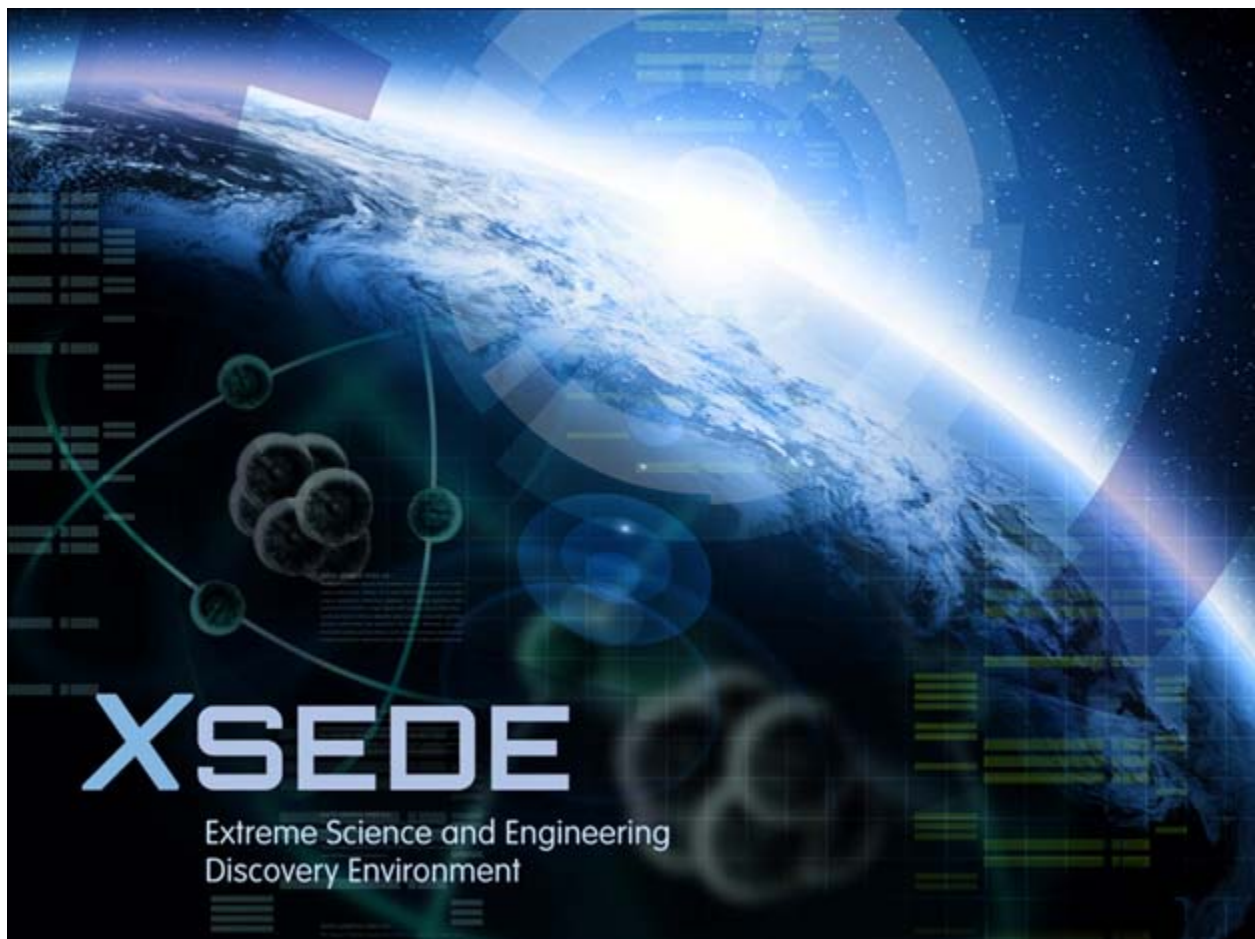


# XSEDE Operations Deployment Plan: XSEDE Resource Identity Tools

## Deliver XSEDE Resource Identity Tools SDIADT-179

15 April 2015

Version 1.1



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N/A

## A. Document History

Document History				
Entire Document	1.0	2015-03-12	Initial draft	JP Navarro
Section F and G	1.1	04/15/15	Date modification and estimated time to complete updates	V.Hazlewood

## **B. Document Scope**

This document outlines the XSEDE Operations deployment plan for the *xdresourceid* resource identity tool across XSEDE Service Providers and XSEDE Enterprise Services as appropriate.

## C. Overview

The *xdresourceid* tool provides XSEDE users and software the ability to lookup resource identifiers for the resource they are logged in to. *xdresourceid* has completed the XSEDE engineering process as “SDIACT-179 Deliver XSEDE resource identity tools”. It passed the SD&I and Operations testing and has been approved for deployment onto relevant Level 1, 2, and 3 SP resources and XSEDE enterprise services as appropriate. This is a new tool in XSEDE and replaces legacy TeraGrid components *tgresid*, *tgwhereami*, and *tgwhatami*.

## 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	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)
Staff	login.xsede.org
Staff	software.xsede.org
User Services staff	XSEDE User Services

### D.2. Budget

This software will be installed and used on existing SP or XSEDE Enterprise Service nodes and does not require additional nodes or resources.

## 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. Servers accessed by users

Install on XSEDE Enterprise Services servers accessed by users, or where XSEDE staff would like to lookup resource identifiers:

- login.xsede.org
- software.xsede.org

Estimated time to install is 2 hours or less. Installation instructions:

- <http://software.xsede.org/production/xdresourceid/latest/INSTALL>.

### F.1.2. Nagios

None

### F.1.3. Inca

Inca should test functionality on SP resources that install and register *xdresourceid* availability.

## F.2. XSEDE Service Providers

Estimated time to install is 2 hours or less. Installation instructions:

- <http://software.xsede.org/production/xdresourceid/latest/INSTALL>.

## F.3. XSEDE User Services

User documentation to be published through user portal:

- [http://software.xsede.org/production/xdresourceid/latest/User\\_Documentation](http://software.xsede.org/production/xdresourceid/latest/User_Documentation).

## F.4. XSEDE Training

No new training or training changes are recommended at this point.

## G. Schedule

The schedule for deployment involves installation and configuration of the *xdresourceid* tool and testing by the SPs.

Task #	Task	Start Date	End Date	Resource
1.	Install <i>xdresourceid</i> at SPs	4/15/2015	4/30/2015	SPs
2.	Install <i>xdresourceid</i> at select XSEDE Enterprise Services servers	4/15/2015	4/30/2015	Carver, Simmel, Smallen, Navarro
3.	Publish <i>xdresourceid</i> user documentation	4/15/15	4/30/15	User Services

4.	Deployment complete		5/1/2015	
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