

XSEDE Operations Deployment Plan: CA Certificate Installer

SDIACT-003 CA Certificate Installer

20 January 2015

Version 1.0

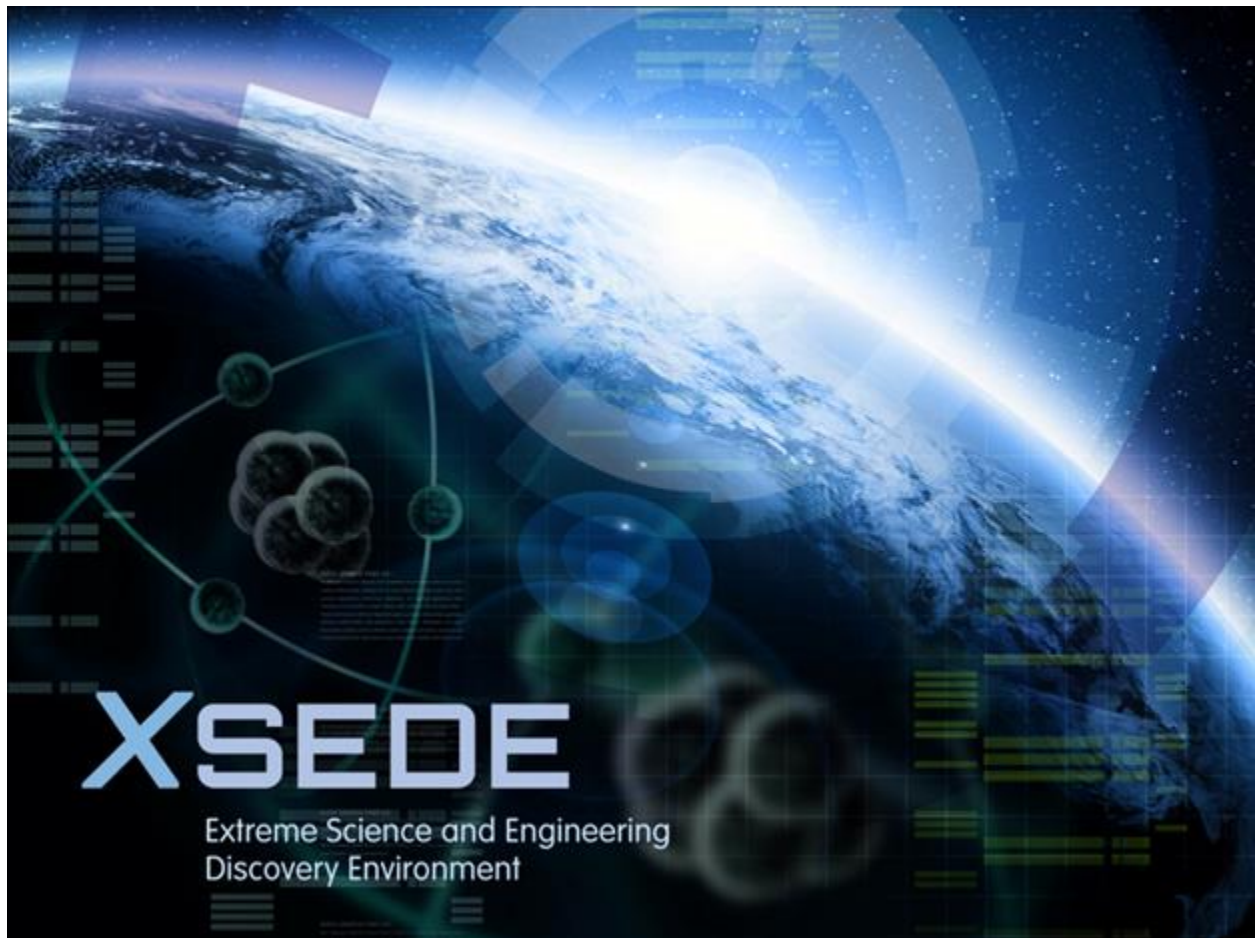


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A. Document History

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-003 CA Certificate Installer across XSEDE Service Providers providing data transfer services. XSEDE security group will use new methods to create rpms and tar.gz files for distribution of new CA certificate files.

C. CA Certificate Installer Overview

CA Certificate Installer has completed the XSEDE engineering process as [SD&I Activity 003](#) named “CA Certificate Installer”. 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 003](#).

The CA Certificate Installer will allow CA information to be available in rpm and tar.gz formats 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/CA/CA-install.html>

D. CA Certificate Installer Resources

D.1. Human Resources

The deployment of CA certificates requires installation at each of the SPs who are not already using the current CA information. 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 CA services that interface with the site compute resources. No additional resources are provided by XSEDE.

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E. CA Certificate Installer Schedule

The schedule for deployment involves installation and configuration of the new CA information as they are released from the XSEDE Security group using this new format.

Task #	Task	Start Date	End Date	Resource
1.	Understand new CA Certificate installation instructions	1/20/2015	3/1/2015	SPs
2.	Ready for new CA deployments		3/1/15	