

XSEDE Capability Delivery Plan

GRP-17 - Drive project membership with an email message

Last revised 2017-11-28

Background

Use cases describe community needs, requirements, and recommendations for improvements to cyberinfrastructure (CI) resources and services. A Capability Delivery Plan (CDP) is an executive summary of the current gaps in our support for a use case, current plans to fill those gaps with new or enhanced capabilities, and the operational components that currently support the use case.

Use case summary

Use case RC-01 describes how an allocated researcher or educator wants to send XSEDE's account management team a list of names and email addresses, resulting in everyone on the list receiving an XSEDE account and being added to the researcher/educator's allocation project group. The [full description of this use case](#) is available in the CSR's use case registry.

CDP summary

The current XSEDE system (and policy) does not allow for project PIs to invite other people to join the project team and share their allocation(s). There are several reasons for this, including some that involve security risks and our current strategy for mitigating those risks.

Gap(s) that we currently plan to address:

- We do not plan to fully address any of the current gaps. We do, however, plan to request a security risk assessment for this use case to identify options for implementation.

Gap(s) that will not be addressed at this time:

- Drive project membership with an email message

Time and effort summary:

- **1 person-week:** estimate 3 people spending one day reviewing the security risks of the proposed use case and identifying ways to mitigate these risks in the implementation

Functionality gaps

1. Drive project membership with an email message

The current XSEDE system (and policy) does not allow for project PIs to invite other people to join the project team and share their allocation(s). There are several reasons for this, including some that involve security risks and our current strategy for mitigating those risks. Given enough development effort, the XUP team could implement a mechanism to support this use case, but the security risks and mitigation strategies need to be revisited by experts.

Plan: We will request a security risk assessment for this use case to identify options for implementation that do not hinder our current risk mitigation strategies or that replace existing strategies with equally effective ones.

System components that support this use case

The following XSEDE operational components currently support this use case.

Component	Supported Functionality
XSEDE User Portal (XUP)	The front-end (web browser-based) user interface to the XSEDE system where individuals register with XSEDE, manage their user profile information, request allocations to use XSEDE SP resources, and manage membership in projects that have active allocations.
XSEDE Central Database (XCDB)	The central database housing user profile data for all registered XSEDE users (including email addresses) and the group definitions associated with all XSEDE allocation projects.