

XSEDE Capability Delivery Plan

SPI-05: Active Account Information

Last revised 2017-06-06

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 use case support gaps, of plans to fill those gaps with new or enhanced capabilities, and of existing operational components that already support aspects of a use case.

Use Case Summary

An XSEDE staff member needs to obtain a list of all resources and services on which a specific XSEDE user identity has an active account. (Examples: an XSEDE operational security team member is responding to an account compromise, or an XSEDE help desk team member is assisting an XSEDE user with logging into a resource.)

Use case document(s): <https://software.xsede.org/use-case/spi-05>

CDP Summary

The functionality described in this use case is currently 75% supported via the XUP User Query interface at <https://www.xsede.org/web/staff/find-user> which allows XSEDE staff to search for user information based on one or more of the XSEDE username, Email address, and First and/or Last names, using full or partial search strings for these fields.

Gap(s) that we currently plan to address

- Support XUP User Query using local SP usernames
- Show active/suspended status for local SP accounts

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

- Enhance xdu usage to support staff queries

Time and effort summary:

- 3 days

Functionality Gaps

1. Support XUP User Query using local SP usernames (suggested priority: high)

Currently, the XUP User Query interface at <https://www.xsede.org/web/staff/find-user> does not support searching for an XSEDE user using the user's local SP account name. The SPI-05 use case states that the XSEDE staff member may query by an "XSEDE username or a local username on an SP resource." This gap will be fulfilled by enhancing the XUP User Query interface at <https://www.xsede.org/web/staff/find-user> with the ability to find a user based on the user's local account name (full or partial).

Note the capability to search XSEDE users by local SP account name is available from the legacy https://xupapps.tacc.utexas.edu/staff_queries/ interface, so this gap simply makes that functionality also available on the XUP User Query interface.

Plans: Update the XUP User Query interface. Effort/Time estimate: 1 day.

2. Show active/suspended status for local SP accounts (suggested priority: high)

Currently, the XUP User Query interface at <https://www.xsede.org/web/staff/find-user> shows a list of local SP accounts for the XSEDE user but not their status (active/suspended). With the introduction of emergency account suspension (SPI-06), the XUP User Query interface should inform XSEDE staff if an account has been suspended (for security reasons) or deactivated (due to allocation expiration). Filling this gap should be coordinated with work on SPI-06.

Plans: Update the XUP User Query interface. Effort/Time estimate: 2 days.

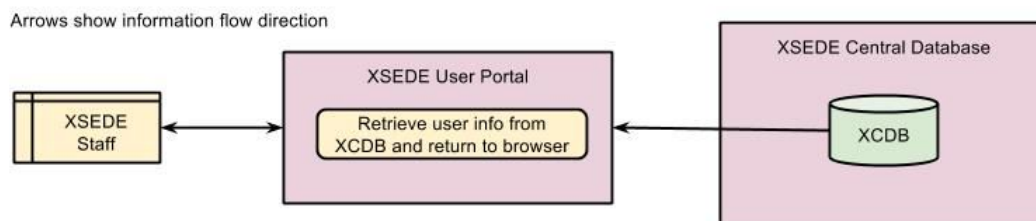
3. Enhance xdusage to support staff queries (suggested priority: low)

The SPI-05 usage case requires a command-line interface. Currently, xdusage only shows the current user's allocations and does not allow XSEDE staff to query on the command-line for information about other users. Also, xdusage only shows portal usernames and not local SP usernames.

Plans: Update xdusage. Effort/Time estimate: 4 weeks. (Not at this time.)

System Components That Support This Use Case

SPI-05 component diagram



The following XSEDE operational components support this use case:

Component	Supported Functionality
XCDB	The XSEDE Central Database (XCDB) contains user account information, including local SP usernames and account status (active/suspended).
XUP	The XSEDE User Portal (XUP) contains the User Query interface at https://www.xsede.org/web/staff/find-user that enables An XSEDE staff member to obtain a list of all resources and services on which a specific XSEDE user identity has an active account.
xdusage	The xdusage command provides the ability to query for XSEDE account information on the command-line.

References

1. [SPI-06: Emergency Account Suspension](#)