Fall 2016 UREP Prioritization

In December 2016, XCI is asking the UREP to rate the priority of the following items.

Capability Delivery Plans

Earlier in 2016, the UREP assigned *high* or *very high* priority to the following six use cases. XCI developed Capability Delivery Plans (CDPs) to explain the specific activities that will be needed to "close the gaps" in these use cases. Now, the UREP will tell us whether or not we should carry out each CDP, and what priority we should give each CDP.

- CAN-09: User management (Capability Delivery Plan)
- DA-01: Data analytics resources and information (Capability Delivery Plan)
- DA-02: Data preparation (Capability Delivery Plan)
- HPC-02: User (team) works with >1 HPC system (Capability Delivery Plan)
- SGW-01: Science Gateway user authentication and identity management (Capability Delivery Plan)
- SGW-04: Data movement between gateway users' desktops/laptops and XSEDE resources (Capability Delivery Plan)

New and Revised Use Cases

The following 14 use cases have been requested by XSEDE stakeholders since the most recent UREP review, and each appears to require functionality that XSEDE doesn't currently have. The UREP will tell us how important each use case is to the user community, and XCI will develop CDPs for the ones with the highest importance.

Two-factor authentication

- IDM-03: User changes his/her XSEDE user profile
- GRP-01: Researcher manages membership of a project group

Campus bridging

- CB-08: Use XSEDE SSO with campus login servers
- IDM-11: InCommon authentication for XSEDE users

Service providers and resource integration

- SPI-01: Resource integration console
- SPI-03: Resource description view
- SPI-04: Resource operational status dashboard
- CI-01: Access XSEDE system details
- CI-02: Manually update XSEDE system details
- CI-03: Continuously maintain service availability and status details

Cloud (Infrastructure-as-a-Service)

- IAAS-8: Dynamically acquire and manage hosted computer systems and/or storage volumes
- IAAS-9: Reliably acquire and manage hosted computer systems and/or storage volumes
- IDM-12: Single sign-on for XSEDE OpenStack resources
- IDM-13: Authenticate to XSEDE OpenStack APIs