XSEDE Group Management Use Cases

November 14, 2017

Version 1.1

These use cases describe how XSEDE personnel and community members need to manage and use group definitions. In its simplest form, a group definition is *a list of people* that needs to be maintained and used for some ongoing purpose. These use cases are derived from a project-wide user needs study conducted in early 2017 by the XSEDE Community Infrastructure (XCI) team's Requirements Analysis and Capability Delivery (RACD) activity. [1]

The use cases describe what is needed by XSEDE stakeholders, not what is easily accomplished using the current XSEDE system. This will be used as a basis for further system engineering activities.

GRP-01: Researcher manages membership of a project group 3

GRP-02: Manually create a group 3

GRP-03: Manually view or manage the configuration or membership of a group 4

GRP-05: Invite members to a group 5

GRP-06: Request membership in a group 6

GRP-09: Synchronize an external group 7

GRP-10: Automate a group's configuration 8

GRP-12: Use groups to control access within an XSEDE L1 or L2 resource 9

GRP-13: Use a group to control access within an XSEDE service 10

GRP-14: Use a group to control access within an external resource 10

GRP-15: Use a group for task assignments within a staff tool 11

GRP-16: Use a group for email distribution 11

GRP-17: Drive project membership with an email message 12

References 13

History 13