WBS 2.3.2 Requirements Analysis and Planning 2016-09-29 Meeting

Date
29 Sep 2016

Agenda

1. Discuss planned and proposed activities:
   a. From prioritized Use Cases and CDPs
   b. Operations/support/other driven
2. What staffing will be available to work on our next set of priorities?

Discussion items

Prioritized Use Case and CDP activities

High Priority

- Data Analytics Resources and Information (UCDA 1.0)
  - Data Analytics documentation and resources information (XCI-1)
- Data Preparation (UCDA 2.0)
- Large data movement by gateways (UCSGW 4.0)
  - Document how Science Gateways can enable direct end-user-to-XSEDE-SP-resource file transfers (XCI-3)
- Science gw community file transfer (UCSGW 2.0)
- User identities and authentication (UCCAN 6.0, 9.0)
- Science gateway user authentication and IdM (UCSGW 1.0)
  - Document how Science Gateways can use XSEDE Identity Management (XCI-2)
- InCommon-based authentication (UCCB 1.0)

Medium-High Priority

- Provide and access resource information (UCCAN 7.0, 8.0, 11.0, 12.0)
  - Since canonical functionality has already been delivered, this could involve addressing needs in other prioritized use cases
- Use one or multiple HPC systems (UCHPC 1.0, 2.0)
- Streamline evaluation and testing infrastructure and tools
  - Evaluate automated testing (XCI-25)

Medium Priority

- Create the XSEDE Community Software Repository "XCSR"
  - Implement Initial XCSR (XCI-19) – JP Navarro, Kate Kaya, Eric Blau

Operations/support/other activities

- Update GSI-OpenSSH for OpenSSL 1.1 (XCI-17) – Venkatesh Yekkirala
- Fix and enhance IPF software publishing (XCI-21) – Eric Blau
- Streamline UREP prioritization using a content management system (XCI-22) – Kate Kaya, Jerry Greenberg
- Streamline SP integration process using a content management system (XCI-23) – Kate Kaya, Jerry Greenberg
- Evaluate XSEDE VM image repository alternatives (XCI-24) – Peter Enstrem
- Explore the feasibility of migrating XSEDE from GridFTP RPMs/TARs to Globus Connect (XCI-26) – Eric Blau
- Two-Factor Authentication next phase – Venkatesh Yekkirala

Use Case Registry

Discussed the possibility of moving the use case registry to JIRA and putting all the Use Case text and other relevant information in JIRA.

We proposed the following simpler use case development process/steps:

1. Proposed (we've assigned an ID and a Description but don't have much more)
2. Drafting (we're preparing a draft of the full use case)
3. User Review (we're reviewing the draft with relevant stakeholders)
4. Approved (we've addressed review feedback and the use case is official and ready for publishing to Ideals)

We discussed how Janet, Kate, and JP are planning to use Drupal to record and track UREP established use case priorities.

Staffing Availability
Testing staff will be busy thru October with OAuth/SDIACT-203, New IPF/XCI-21, XDCDB API/SDIACT-186 and SDIACT-216.

Proposed next projects for integration/development staff:

- Rob L.
  1. Continue RDR enhancements

- Venkat
  1. Complete XSEDE 1 activities
  2. Update GSI-OpenSSH for OpenSSL 1.1 (XCI-17)
  3. Two-Factor Authentication next phase

- Eric
  1. Complete XSEDE 1: retire MDS which includes replacing tginf with xdinfo (minor effort)
  2. Fix and enhance IPF software publishing (XCI-21)
  3. Explore the feasibility of migrating XSEDE from GridFTP RPMs/TARs to Globus Connect (XCI-26)

- Peter
  1. Evaluate XSEDE VM image repository alternatives (XCI-24)
  2. Streamline evaluation and testing infrastructure and tools

- JP
  1. Complete XSEDE 1 activities: RESTfull IS Interfaces, retire MDS
  2. Implement Initial XCSR (XCI-19)
  3. Streamline SP integration process using a content management system (XCI-23)

Attendees

- Lee Liming ✓
- Jim Basney ×
- JP Navarro ✓
- Shava Smallen ✓
- Janet Brown ✓

Action items

- Create XCSR Use Cases - JP Navarro
- Create Resource Integration Use Case, there is one already - JP Navarro
- Continue to prepare prioritized Use Case CDPs - Lee Liming, Jim Basney, JP Navarro
- Create Two-Factor Next Phase JIRA activity - Jim Basney