WBS 2.3.2 Requirements Analysis and Planning 2016-11-10 Meeting

Date
10 Nov 2016

Agenda

1. Use Case status (Lee)
   Please refer to list of new/revised use cases and available CDPs.
   a. What new use cases are we preparing?
   b. Which will be presented to the UREP?
2. Have we done all the CDPs we need to do?
3. What activities can we start up next?

Discussion items

Use Cases

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
- Streamline SP integration process using a content management system (XCI-23) – Kate Kaya, Jerry Greenberg
- Evaluate XSEDE VM image repository alternatives (XCI-24) – Peter Enstrom
- Explore the feasibility of migrating XSEDE from GridFTP RPMs/TARs to Globus Connect (XCI-26) – Eric Blau
- Two-Factor Authentication next phase (XCI-29) – Venkatesh Yekkirala

UREP Prioritization

- We need to have all the material ready for the UREP by December 2
- The UREP will have two weeks, December 5-16, to evaluate 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 Light
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 (XCI-29)
   4. XSEDE InCommon Identity Provider (XCI-18)

   • Eric
   1. XCSR
   2. Data Analytics, Data Preparation

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

   • JP
   1. Complete XSEDE 1 activities: RESTful 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
- Complete Campus Bridging use case stakeholder review - Lee Liming
- Complete Cloud use case stakeholder review - Lee Liming
- Update XCSR use case registry to have all recently added/revised use cases in it - Lee Liming
- Create Resource Integration Use Case, there is one already - JP Navarro
- Add link to new version of CB-1 to JIRA item - Lee Liming
- Complete capability plans for CB-1 and SGW-1 - Jim Basney
- Revise the CAN-1 capability delivery plan to say that variation CAN-1.d is implemented via AMIE and XCDB project groups - Lee Liming
- Notify Kate Kaya of our UREP schedule - JP Navarro
- Provide Kate Kaya the UREP participants - Janet Brown