

WBS 2.3.2 RACD Meetings 2016-07-28 Agenda and Minutes

Date

28 Jul 2016

Attendees

- JP Navarro ✓
- Shava Smallen ✗
- Kate Kaya ✓
- Lee Liming ✗
- Jim Basney ✗
- Venkat Yekkirala ✗
- Eric Blau ✓
- Rob Light ✗
- Galen Arnold ✓
- Choonhan Youn ✓
- Chris Irving ✓
- Susan Litzinger ✓
- Derek Simmel ✓
- Peter Enstrom ✓
- Janet Brown ✓

Goals

- Brief requirements analysis update
- Review the status of activities in progress

Discussion items

Time	Item	Who	Notes
5min	Requirements Analysis	JP, Lee	
50min	Activity Status	JP (Shava)	

Requirements Analysis

- We've completed two UREP high-priority PY1 CDPs
- We need to select the subset of [UREP prioritized use case CDPs](#) to complete in PY1
- We need to prepare selected CPDs (other than the two completed ones)
- We need to start working on gaps detailed in the CDPs
- Lee will lead internal requirements analysis, preparing CDPs, and assisting anyone preparing Use Cases
- JP will lead internal interactions with the UREP to set priorities, and with collaborators bringing Use Cases or components to XSEDE

Activity updates

In Testing

[SDIACT-124 Streamline software deployment with improved packaging](#) (JP Navarro)

- TRR passed on 25 Jul 2016
- Testing by [Derek Simmel](#)

[SDIACT-174 Implement Genesis II WS-STS interface to Nexus identities and groups](#) (Andrew Grimshaw)

- TRR paused waiting on resolution of auto-consent issue
- Testing by [Galen Arnold](#)
- Issue reported and waiting for response

- [grid] xsedeLogin

Replacing client tool identity with MyProxy credentials for "CN=Galen Arnold, O=National Center for Supercomputing Applications, C=US".

Access denied on 16174132-90D7-149B-81EF-C54678BAFF6B (in method requestSecurityToken2).

Permission denied on "16174132-90D7-149B-81EF-C54678BAFF6B" (in method "requestSecurityToken2").

SDIACT-202 Incremental GSI-OpenSSH fixes and enhancements (Venkatesh Yekkirala)

- All testing completed except for more thorough HPN testing
- Testing by [Peter Enstrom](#)

SDIACT-234 Enhance Resource Prediction Service showing where jobs would run first (JP Navarro)

- Ready for testing
- Testing by [Peter Enstrom](#) (after SDIACT-202 performance testing) and possibly [Galen Arnold](#)

SDIACT-239 Update cilogon.org to support OAuth 2.0 (Venkatesh Yekkirala)

- Ready for testing
- Testing by [@Choohnan](#) and [Susan Litzinger](#)

SDIACT-243 Gather initial XSEDE 1 component usage metrics and estimate improvement effort (JP Navarro)

- Development started 01 Feb 2016
- Google spreadsheet of information due early February, usage analysis due early March
- Victor is coordinating SP usage collection
- Gary will coordinate central service collection
- We need log parsing scripts for each component
- JP/Shava also need to prepare SD&I effort estimate for each component
- **ACTION (JP)**: Circulate annual report usage information as the preliminary TRR (DONE)
- **ACTION (JP/Shava)**: Compile effort estimate information (DONE)
- Deliverables provided, pending final feedback before we close

In Development

SDIACT-10 Production EMS and GFFS operations testing (Shava Smallen)

- Unicore Inca tests deployed but need some cleanup
- Inca GFFS tests in progress
- Pending small change to Inca client; deferred to July

SDIACT-159 Enable subscribing to XSEDE monitoring information from Inca and Nagios (Shava Smallen)

- Code completed and testing integration with Information services
- Pending test plan

SDIACT-177 Deliver Shared Virtual Compute Facility using Global Queues for Campus Bridging (Andrew Grimshaw)

- Steps to get this wrapped up
 - One more resource at IU will be added
 - User documentation needs to be written
 - Handpicked users will test and we will use those to write up the test report
 - 3 UVA group will be helping to test
- All facilities deployed and planning demos at SC
- Test report completed
- **ACTION (JP)**: Follow up with [Andrew Grimshaw](#) (DONE 14 Jul 2016)

SDIACT-203 Update oa4mp.xsede.org to support OAuth 2.0 (Venkatesh Yekkirala)

- Started Development on 09 Jun 2016
- Integrated testing plan ready, working on Deployment script and plan.

SDIACT-226 Assist software provider to deliver Kepler workflow support on XSEDE (Shweta Purawat.)

- May want to switch host to comet for more memory -- IU has a max of 32 GB now

SDIACT-237 Provide OSG a dedicated CiLogon CA instance via REST web interface (Jim Basney)

- [draft test plan](#)
- [SLA between OSG and XSEDE](#) -- RACD could leverage SLA as template for XSEDE2

SDIACT-244 Upgrade and transition JIRA for XSEDE2 (Shava Smallen)

- Started Development on 17 May 2016
- JIRA transitioning to new dedicated server
- OpenID plugin is now working with Globus identity test server
- JP got mysql replication working between primary and backup servers
- Gary has also setup Confluence

SDIACT-187 Incremental gateway_submit_attributes fixes and enhancements (JP Navarro)

SDIACT-216 Improve XDCDB security and read/update access with a new RESTfull API (Amy M. Schuele)

- Michael, Amy, and Scott actively designing and developing
- **ACTION (JP/Scott):** Do preliminary design review so Scott can move on with changes in gateway_submit_attributes
- Started Development on 25 Jul 2016

SDIACT-190 Nexus supports separate namespace for XSEDE user identities ([Lee Liming](#))

SDIACT-191 Nexus integration with XSEDE Kerberos and XUP ([Lee Liming](#))

SDIACT-192 Develop XSEDE skins for Nexus OAuth and user registration ([Lee Liming](#))

- [ADR and DSR of XSEDE Identity Management Capabilities](#)
- Both 2-legged and 3-legged authentication services available
- **ACTION (Lee):** Provide examples of how to deal with authentication that is separate from the token server, requested by Jim B
- Lee and Maytal are tracking issues in JIRA SDIBUG project
- AUP still being reviewed (Victor coordinating)
- Noteworthy issues:
 - Consent issues
- Join ADR, DSR passed on 26 Jul 2016

In Design

SDIACT-207 Adapt INCA to information services changes ([Shava Smallen](#))

- Launched on 03 May 2016
- Almost wrapped up with changes

SDIACT-214 Provide RESTfull interfaces to the XSEDE Information Services Query Warehouse ([JP Navarro](#))

- Launched on 26 Apr 2016

SDIACT-217 Retire central MDS services ([JP Navarro](#))

- Launched on 26 Apr 2016
- Looking at new summary status views

SDIACT-212 Improved (phase 2) Resource Description Information Management ([Edward Hanna](#))

- In requirements gathering and dev/ops delivery as of 29 Jun 2016

In Planning

XCI-TBD New SP Resource Integration Testing ([Shava Smallen](#))

- Goal: Run the the new SP and new resource integration process and recommend areas of improvement
- Working closely with Victor in CRI
- Will be tested by [Christopher Irving](#)

XCI-TBD OpenStack Keystone XSEDE Identity Federation ([JP Navarro](#))

- Goal: Enable users to authenticate once and then use any authorized combination of XSEDE Federated OpenStack service
- Initiated by IU and PSC, with possible SDSC and NCSA (L3 SP) involvement

Action items

- JP Navarro: Meeting minutes 29 Jul 2016
- JP Navarro: Share XCI/RACD Metrics and KPIs in a future meeting