


# WBS 2.3.2 RACD Meetings September 17, 2020 - Activity Updates

## Date

17 Sep 2020

 **XCI-769** - RACD Update Meeting - September 17, 2020 COMPLETED

## Attendees

- JP Navarro ✓
- Shava Smallen ✓
- Lucille Jarzynka ✓
- Lee Liming ✓
- Jim Basney ✓
- Eric Blau ✓
- Rob Light ✗
- Jonghoon (Jonathan) Kim ✓
- Galen Arnold ✗
- Choonhan Youn ✗
- Susan Litzinger ✓
- Derek Simmel ✓
- Peter Enstrom ✓
- Jeff Makey ✓
- Tabitha Samuel ✗

## Agenda

Time	Item	Who	Notes
10 min	General Updates	JP, Shava & Lucille	
10 min	Use Case and Capability Delivery Plan Updates	Lee, Jim, JP	
30 min	Activity Status Updates	Shava and everyone	

## General updates

### Meetings and Events

- All Staff Meeting, Tuesday, September 29 @ 3 PM Central
- [XCI slides](#) Shava & JP presented at the September 14 SP Software call
  - A new Slack "# sp-coordination" channel established by Tabitha for SP – XCI interactions
    - Eric, JP, and Shava will be active and involve others when needed
    - Shava will suggest to Tabitha that XRAS participate too given the high volume of allocations and accounting – DONE.
- XSEDE Quarterly in December 2020 will be remote
- RACD meetings on October 1 and 15

### Planning, Reporting, and Reviews

- Next IPR13 will cover RY5 RP2: Aug '20 - Oct '20
- [Significant new deliverables and capability retirements](#)

### Staff Updates

- Welcome Tabitha who is taking over for Victor as the XCRI SP Integration Coordinator

### Project Improvement Ideas

- We should submit project improvements to be recorded [here](#).
- We can also submit PIF request anytime [here](#).

## Use Case and Capability Delivery Plans

## Capability Delivery Plans and Use Cases

- No new CDPs since our last meeting.
- No new use cases or use stories.
- Lee has been putzing around asking various XSEDE groups to "validate" the many user stories we received over the last month or so, so we can add them to the repository and get started on CDPs. Mostly asking if the user stories are current possible, partly possible, or not possible.

## UREP Process

- [Lucille Jarzynka](#) to verify UREP participants
- [Lee Liming](#) to start preparing use cases for review

## Integration Assistance Engagements

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-751	<a href="#">OAuth based SSH login capability integration engagement</a>	<input type="checkbox"/>	Unassigned	•	IN PROGRESS	Engagement started in 2019 with Globus and expanded in 2020 to SciTokens.
XCI-750	<a href="#">Group Management services CI integration engagements</a>	<input type="checkbox"/>	JP Navarro	•	IN PROGRESS	JIRA tasks created for the three COmanage implementation phases. Scheduled a phase 1/beta user story and use case meeting on 9-18-2020 with Project Office representatives focused on WBS/staff and SP related lists/groups.
XCI-749	<a href="#">Pegasus workflow CI integration engagement</a>	<input type="checkbox"/>	JP Navarro	•	IN PROGRESS	Status received from Mats on 7/7/2020: We are working on documentation for the upcoming Pegasus 5.0 release and should soon have something to share. I'll let you know.
XCI-748	<a href="#">National Center for Genome Analysis Support (NCGAS) CI integration engagement</a>	<input type="checkbox"/>	JP Navarro	•	IN PROGRESS	Formally launched through a meeting in Feb '20.
XCI-663	<a href="#">Cross-campus Resource Discovery collaboration and community building</a>	<input type="checkbox"/>	JP Navarro	⚡	IN PROGRESS	Discussed the need for Curated Guide data entry capability.
XCI-521	<a href="#">Kepler workflow CI integration engagement</a>	<input type="checkbox"/>	Shava Smallen	⚡	IN PROGRESS	<p>After speaking with Kepler developer will do the following</p> <ol style="list-style-type: none"> <li>1) Increase size of VM to s1.xlarge</li> <li>2) Confirm biolinux example workflow runs on Comet</li> <li>3) Draft documentation</li> <li>4) Have Susan do testing and release</li> </ol> <p>Will start on a second phase based on JupyterHub / Kepler Web View daemon in ~1 month. This will need integration with SSH OAuth.</p>
XCI-485	<a href="#">Open Storage Network (OSN) CI integration engagement</a>	<input type="checkbox"/>	JP Navarro	•	IN PROGRESS	Our May 21 meeting left us wondering how exactly XCI can help. We're thinking about it.

7 issues

## Activity Status Updates

Before each meeting **add a brief progress comment to your tasks** below by clicking on the JIRA task (the last comment will show up in the agenda). Please include the following info:

- Anything affecting progress
- Potential new efforts we should consider

To remove tasks that you didn't work on since the last meeting, edit this page, click on the activity list graphic below your name, and uncheck tasks.

## Lee Liming

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-765	Create and review Group Management user stories, use cases, and CDPs	<input type="radio"/>	JP Navarro		PREPARE ACTIVITY PLAN	Notes from our meeting with Leslie and Noni covering how XSEDE PMs manage staff-related data systems (including groups) have been added to this document: <a href="https://docs.google.com/document/d/1yoGhYWsNNnr2kehNkDzEOd5B1i1IXZCSSNkY3eSUZT4/edit">https://docs.google.com/document/d/1yoGhYWsNNnr2kehNkDzEOd5B1i1IXZCSSNkY3eSUZT4/edit</a>
XCI-607	Update user needs around SSH access to resources	<input checked="" type="checkbox"/>	Lee Liming		IN PROGRESS	Notes from PEARC BOF: <a href="https://docs.google.com/document/d/1sgRJyNLqJwva5K2w7JrsliSEtCKGPcKvcSUIQYc32r8/edit?usp=sharing">https://docs.google.com/document/d/1sgRJyNLqJwva5K2w7JrsliSEtCKGPcKvcSUIQYc32r8/edit?usp=sharing</a>
XCI-519	Organize information, roles, responsibilities for XSEDE's Globus subscription	<input checked="" type="checkbox"/>	Lee Liming		IN PROGRESS	Detailed task list is here: <a href="https://docs.google.com/document/d/1VbULsw9wr1P7v3SjkPgkUzkbCMqFSSpH4nYgbuK_r4/edit#heading=h.xlxtbf1ok076">https://docs.google.com/document/d/1VbULsw9wr1P7v3SjkPgkUzkbCMqFSSpH4nYgbuK_r4/edit#heading=h.xlxtbf1ok076</a>
XCI-496	SSH with OAuth (OIDC /OAuth SSH service and client)	<input type="radio"/>	Lee Liming		DESIGN	SciTokens PR has been merged in the OAuth-SSH GitHub repo. Lee is assigned to finalize the design doc, which was started many months ago. This most likely will need to begin with a meeting, which Lee will begin planning when Jim returns next week.

4 issues

## Jim Basney

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-707	Evaluate AARC-G048 (Guidelines for Secure Operation of Attribute Authorities and other issuers of access statements) for adoption	<input checked="" type="checkbox"/>	Jim Basney		IN PROGRESS	As of the 2020-09-14 AEGIS VC, this document is ready for my review.
XCI-757	Update idp.xsede.org to current InCommon TAP container	<input type="radio"/>	Jim Basney		DEVELOPMENT	Design/security review passed.
XCI-691	COmanage Group Management phase 1/beta of XSEDE WBS /staff list	<input type="radio"/>	Jim Basney		DESIGN	<a href="https://confluence.xsede.org/display/XT/September+18%2C+2020++Group+Management+User+Stories">https://confluence.xsede.org/display/XT/September+18%2C+2020++Group+Management+User+Stories</a>
XCI-694	Add SciTokens support to SSH with OAuth	<input type="radio"/>	Jim Basney		DESIGN	<a href="https://confluence.xsede.org/display/XT/WBS+2.3.2+OAuth+SSH+Technical+Discussion+2020-09-03+Meeting">https://confluence.xsede.org/display/XT/WBS+2.3.2+OAuth+SSH+Technical+Discussion+2020-09-03+Meeting</a>
XCI-339	Replace weblogin.xsede.org with CILogon and idp.xsede.org	<input type="radio"/>	Jim Basney		DESIGN	Received updated weblogin.xsede.org stats from Lee. Need to incorporate them into the design doc ASAP.
XCI-205	Identify user X.509 credential assurance use cases and how to maintain them with OpenID	<input type="radio"/>	Jim Basney		DESIGN	On our September 8 TAGPMA meeting, we discussed holding a workshop about assurance for tokens later in 2020.

6 issues

## Galen Arnold

Key	Summary	T	Assignee	P	Status	Last Comment
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No issues found

## Eric Blau

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-101	Deliver XSEDE GCS deployment and configuring documentation		Eric Blau		IN PROGRESS	Todo: make sure to include identity mapping <a href="https://jira.xsede.org/browse/XCI-196">https://jira.xsede.org/browse/XCI-196</a> <a href="https://docs.globus.org/globus-connect-server/v5.4/identity-mapping-guide/">https://docs.globus.org/globus-connect-server/v5.4/identity-mapping-guide/</a>

1 issue

## Choonhan Youn

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-752	Implement RSP XSEDE community software discovery		Choonhan Youn		IN PROGRESS	<p>Base API:</p> <ul style="list-style-type: none"> <li><a href="https://info.xsede.org/wh1/resource-api/v3/resource_esearch/">https://info.xsede.org/wh1/resource-api/v3/resource_esearch/</a></li> </ul> <p>API filter arguments:</p> <ul style="list-style-type: none"> <li>affiliations=xsede.org</li> <li>resource_groups=Software</li> <li>relation=lurn:ogf:glue2:info.xsede.org:resource:rsp:support.organizations:drupalnodeid:1553</li> </ul> <p>Display Aggregations / Facts:</p> <ul style="list-style-type: none"> <li>Type</li> <li>Provider</li> </ul> <p>No need to display Institution/Affiliation or Resource Group since they are pre-selected.</p>
XCI-628	Improve RSP software discovery by using the Resource Catalog V3		Choonhan Youn		IN PROGRESS	<p>Base API:</p> <ul style="list-style-type: none"> <li><a href="https://info.xsede.org/wh1/resource-api/v3/resource_esearch/">https://info.xsede.org/wh1/resource-api/v3/resource_esearch/</a></li> </ul> <p>API filter arguments:</p> <ul style="list-style-type: none"> <li>resource_groups=Software</li> </ul> <p>Display Aggregations / Facts:</p> <ul style="list-style-type: none"> <li>Affiliation</li> <li>Type</li> <li>Provider</li> </ul> <p>No need to display Resource Group since it is pre-selected.</p>
XCI-245	Identify and select tools for creating and sharing metadata to enable discovery		Shava Smallen		IN PROGRESS	<p>Got results from Julie on July 8. <a href="#">Shava Smallen</a> emailed Julie and asked her to close out survey and send us any new results. <a href="#">Susan Litzinger</a> will review content next.</p>

3 issues

## Peter Enstrom

Key	Summary	T	Assignee	P	Status	Last Comment
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XCI-488

Load XSEDE training offerings into the Resource Catalog V3 to enable discovery



Peter Enstrom



IN PROGRESS

Code is complete with these issues remaining:

1. Create a Google service account and install the created authentication file under the home directory of the user that will run the script. (Using a hard coded path now.
2. ResourceV3.indexing() is throwing an error, currently commented out.
3. Update the README file with instructions for Google authentication and for the entries that are needed in the warehouse catalog table.
4. Double check correctness of new warehouse records being created.
5. Put code in git

1 issue

## Jonghoon (Jonathan) Kim

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-745	Load RDR resources into the Resource Catalog V3 to enable discovery		Jonghoon (Jonathan) Kim		IN PROGRESS	<p>I have been working on developing code for loading RDR's Organization data to ResourceV3 local and standard tables.</p> <p>Details:</p> <ul style="list-style-type: none"> <li>• Testing loading new data and removing old data over the ResourceV3 standard table.</li> <li>• Worked on updating code to handle multiple organization data loading for ResourceV3 standard table.</li> <li>• Tested loading new data and removing old data over the ResourceV3 local table.</li> <li>• Updated code to handle multiple organization data loading for ResourceV3 local table.</li> <li>• Worked on code to handle organization related relational data which will be used later when loading resources data.</li> <li>• Worked on code for loading organization data from RDR to Resource V3 standard table. (single organization loading case)</li> <li>• Worked to clarify GlobalURN ID for ResourceV3 for RDR data with JP's support. Updated it for the organization data loading code accordingly. <ul style="list-style-type: none"> <li>• For organization data: "urn:glue2:info.xsede.org:resource:rdr:organization:&lt;organizationId&gt;"</li> <li>• For base-resource data: "urn:glue2:info.xsede.org:resource:rdr:resource.base:&lt;resourceId&gt;"</li> <li>• For sub-resource data: "urn:glue2:info.xsede.org:resource:rdr:resource.sub:&lt;resourceId&gt;"</li> </ul> </li> <li>• An example ID for organization data,for ResourceV3's local and standard table is 'urn:ogf:glue2:info.xsede.org:resource:rdr:organization:506'</li> <li>• For RDRPROVIDER_URN[] to keep relational values for organization data, used item['rdr.organizationid'] as its index.</li> <li>• Addressed a bug with Delete_OLD() with JP, which failed to remove old data from ResourceV3.</li> <li>• Added below section for RDR loading to route_resource.conf <pre>"LOCALTYPE": "Resource Description Site Information", "CATALOGURN": "urn:ogf:glue2:info.xsede.org:catalog:rdr:resources", "URNPREFIX": "urn:ogf:glue2:info.xsede.org:resource:rdr:", "SOURCEDEFAULTURL": "https://rdr.xsede.org", "DESTINATION": "function:Write_RDR_Main"</pre> </li> <li>• Plan to use these four functions for loading RDR data <ul style="list-style-type: none"> <li>• def Write_RDR_Main()</li> <li>• def Write_RDR_Providers_Sub()</li> <li>• def Write_RDR_Resources_Sub()</li> <li>• def Write_RDR_SubResources_Sub()</li> </ul> </li> </ul>

1 issue

## Susan Litzinger

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-665	Publish user documentation on how to use containers on XSEDE		Susan Litzinger		IN PROGRESS	
XCI-245	Identify and select tools for creating and sharing metadata to enable discovery		Shava Smallen		IN PROGRESS	Got results from Julie on July 8. <a href="#">Shava Smallen</a> emailed Julie and asked her to close out survey and send us any new results. <a href="#">Susan Litzinger</a> will review content next.

2 issues

## Derek Simmel

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-245	Identify and select tools for creating and sharing metadata to enable discovery		Shava Smallen		IN PROGRESS	Got results from Julie on July 8. <a href="#">Shava Smallen</a> emailed Julie and asked her to close out survey and send us any new results. <a href="#">Susan Litzinger</a> will review content next.

1 issue

## Jeff Makey

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-753	Add SciTokens support to SSH with OAuth: Development		Jeff Makey		IN PROGRESS	I believe <a href="#">Jeff Makey</a> should have access to this repo already.
XCI-754	Review the CVMFS security documentation		Jeff Makey		IN PROGRESS	The public PGP key used to sign OSG rpm packages such as cvmfs-config-osg-2.0-2. osg34.el7.noarch is in the RPM-GPG-KEY-OSG file linked at <a href="https://repo.opensciencegrid.org/osg/">https://repo.opensciencegrid.org/osg/</a> . The name on that key is OSG Software Team (RPM Signing Key for Koji Packages) <vdt-support@opensciencegrid.org> .  Do we need a statement of their handling practices for the corresponding private key?

2 issues

## JP Navarro

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-757	Update idp.xsede.org to current InCommon TAP container		Jim Basney		DEVELOPMENT	Design/security review passed.
XCI-750	Group Management services CI integration engagements		JP Navarro		IN PROGRESS	JIRA tasks created for the three COmanage implementation phases. Scheduled a phase 1/beta user story and use case meeting on 9-18-2020 with Project Office representatives focused on WBS/staff and SP related lists/groups.
XCI-743	Pilot resource discovery web browser applications (Web Apps)		JP Navarro		PREPARE ACTIVITY PLAN	Updated Information Services API CORS settings to enable Javascript queries.
XCI-706	Produce XSEDE software copyright and licensing documentation		David Hart		IN PROGRESS	Held meeting on 9-17-2020 and finalized deliverables and release tasks to be completed in Sept. 2020.

XCI-663	Cross-campus Resource Discovery collaboration and community building		JP Navarro		<b>IN PROGRESS</b>	Discussed the need for Curated Guide data entry capability.
XCI-547	Evolve the Information Services Resources V3 Schema to support more resource types and other information repositories		JP Navarro		<b>PREPARE ACTIVITY PLAN</b>	Implemented and almost ready to deploy in production improved aggregate/facet results response for providers /relations which will include: (Display) Name, Count, and ID for sub-queries. Implemented relation caching to maintain Elasticsearch performance.
XCI-329	Implement manual registration of Vendor, Packaged, and Operational software in the RSP		Shava Smallen		<b>DESIGN REVIEW</b>	Choonhan Youn deployed in production.  Finally Shava Smallen and JP Navarro need to release: announce to RSP news, announce through newsletters, notify initial users, and close this task.
XCI-231	Formalize the Community Software Area (CSA) Capability		JP Navarro		<b>DEVELOPMENT</b>	JP implementing aggregation/facet improvements (XCI-547) for use in communicate software discovery interface.

8 issues

## Shava Smallen

Key	Summary	T	Assignee	P	Status	Last Comment
XCI-685	Create an updated XSEDE-Production-config.centos rpm for CentOS 8, and convert GT6 packages to GCT		Shava Smallen		<b>IN PROGRESS</b>	Assigning to Shava for final news announcement review and release.
XCI-656	Pilot XSEDE CVMFS service		Shava Smallen		<b>IN PROGRESS</b>	Meeting notes today:  Attendees: Christopher S Irving, Jeff Makey, JP Navarro, Shava Smallen  Discussion today focused around potential of XSEDE production deployment and what to do for a first pilot activity.  For pilot activity, discussed using the existing opensciencegrid.org VO but asking if we could publish two repos: colorado.xsede.org, xci.xsede.org, and potentially sdsc.xsede.org if desired. We will start with a VM on Jetstream and start it from either a kepler.xsede.org VM or the login.xsede.org VM (Shava will discuss with Derek and see which he recommends). We will use cvmfs.xsede.org for the hostname. Christopher S Irving will do the install once Shava gets the VM to him.  In parallel, Jeff Makey will review the OSG security documentation and help us understand more about how credentials are being used to secure communication and setup.
XCI-523	Implement JIRA failover		Shava Smallen		<b>DEV-OPS</b>	
XCI-521	Kepler workflow CI integration engagement		Shava Smallen		<b>IN PROGRESS</b>	After speaking with Kepler developer will do the following  1) Increase size of VM to s1.xlarge  2) Confirm biolinux example workflow runs on Comet  3) Draft documentation  4) Have Susan do testing and release  Will start on a second phase based on JupyterHub / Kepler Web View daemon in ~1 month. This will need integration with SSH OAuth.
XCI-513	Visualize XCI usage data		Shava Smallen		<b>PLANNED</b>	UCSD student Sanjai Subramanian will be working on this during the summer. He is currently working on ingesting data into the Postgres db.

XCI-329	Implement manual registration of Vendor, Packaged, and Operational software in the RSP		Shava Smallen		DESIGN REVIEW	Choonhan Youn deployed in production. Finally <a href="#">Shava Smallen</a> and <a href="#">JP Navarro</a> need to release: announce to RSP news, announce through newsletters, notify initial users, and close this task.
XCI-245	Identify and select tools for creating and sharing metadata to enable discovery		Shava Smallen		IN PROGRESS	Got results from Julie on July 8. <a href="#">Shava Smallen</a> emailed Julie and asked her to close out survey and send us any new results. <a href="#">Susan Litzinger</a> will review content next.
XCI-183	Automate Globus Auth usage reports		Shava Smallen		IN PROGRESS	UCSD student Justin Lee has completed 3 scripts for this activity and now we need to deploy.
XCI-3	Document how Science Gateways can enable direct end-user-to-XSEDE-SP-resource file transfers		Unassigned		TEST READINESS REVIEW	Lee met with Sudhakar at IU (gateway developer) to review the document and his progress on it. We still haven't confirmed that the recommended IGTF server certificate request via XSEDE Help Desk will work because his initial request wasn't properly formed. We submitted a new request and haven't seen the response yet. However, we also discovered that the gateway already had a DN provisioned in XUP for a different X.509 certificate: one from CILogon. So we tried that certificate and found that it worked for completing the instructions, at least as far as activating the Stampede2 endpoint. Lee is now checking with Jim Basney to see if we should change the instructions to use a CILogon certificate rather than requesting a one from the XSEDE Help Desk. (It sounds like it would be easier to use CILogon.)

9 issues

## In Planning

Key	Summary	T	Assignee	Sub-Tasks	Linked Issues	Last Comment
XCI-657	Documentation for CVMFS client installation		Unassigned			<a href="#">Shava Smallen</a> and <a href="#">JP Navarro</a> discussed who will work on this activity.
XCI-513	Visualize XCI usage data		Shava Smallen			UCSD student Sanjai Subramanian will be working on this during the summer. He is currently working on ingesting data into the Postgres db.
XCI-727	Document missing XDCDB-related use cases from March 2020 Quarterly		Unassigned		<a href="#">QMA-428</a>	
XCI-696	Establish XSEDE branded container spaces		Richard Knepper			
XCI-346	New CDP for CAN-01 Run a remote job		Lee Liming			<p>This use case was updated as part of <a href="#">XCI-504</a>, and the new links are as follows.</p> <ul style="list-style-type: none"> <li><a href="#">Full description (public)</a></li> <li><a href="#">Full description (for review)</a></li> <li><a href="#">Full description (drafting version)</a></li> </ul> <p>Next steps (same as before):</p> <ol style="list-style-type: none"> <li>Point JP at the new use case draft.</li> <li>Start a Google doc with a list of candidate solutions and point JP at it. E.g., SciGaP, Airivata, Kepler, Galaxy, Pegasus (presumably, all of them use SSH)</li> <li>Contact SGCI and tell them that RACD is trying to determine the status of CAN-01 and related use cases: we believe that something is satisfying the use cases, but we don't know what it is. Can they help us explain the status of the use cases?</li> </ol>






XCI-416	CDP update for SGW-4: New approach for direct large transfer between a gateway user and SPs using gateway credentials		Lee Liming	XCI-3	Documentation is started in the XCI-3 folder.
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6 issues

## Start Next

Key	T	Fix Version(s)	Xsede Priority	Use Case Priority	Xsede Areas	Assignee	Summary
XCI-492		PY9 (Sep '19 - Aug '20)	4.5 XCI Management		RACD Integration Services	JP Navarro	Provide a more user friendly use case status view
XCI-732		PY9 (Sep '19 - Aug '20)	4.2 UREP January 2019	High	RACD Data	JP Navarro	Document 90-day post-allocation grace period for data transfers
XCI-118		PY9 (Sep '19 - Aug '20)	4.1 XCI Management		RACD Requirements Analysis	JP Navarro	Implement Use Case and Delivery Plan discovery user interface
XCI-414		PY9 (Sep '19 - Aug '20)	4.0 XCI Management		RACD Management	JP Navarro	Improve XCI services awareness
XCI-669		PY9 (Sep '19 - Aug '20)	4.0 UREP	Medium	RACD Integration Services	Unassigned	Readiness assessment for security vulnerability scanning service
XCI-670		PY9 (Sep '19 - Aug '20)	3.8 UREP	Medium	RACD Integration Services	Unassigned	Identify partner(s) for security vulnerability assistance
XCI-638		PY9 (Sep '19 - Aug '20)	3.7 UREP	Medium	RACD Integration Services	Shava Smallen	Explore CVMFS use cases, priority, and potential value
XCI-671		PY9 (Sep '19 - Aug '20)	3.7 UREP	Medium	RACD Data RACD Execution	Unassigned	Coordinate CVMFS support on XSEDE SP resources
XCI-411		PY9 (Sep '19 - Aug '20)	3.6 UREP'17		RACD Security	Lee Liming	Plan and launch GRP-02, GRP-03 CDP activities
XCI-47		PY7 (Sep '17 - Aug '18), PY9 (Sep '19 - Aug '20)	3.6 UREP'16		RACD Security	Galen Arnold	CDP for IDM-03: Change an XSEDE user profile
XCI-672		PY9 (Sep '19 - Aug '20)	3.6 UREP	Medium		Unassigned	CVMFS repository hosting
XCI-667		PY9 (Sep '19 - Aug '20)	3.5 UREP	Low	RACD Execution	Unassigned	Publish user documentation on how to setup bastion login nodes for virtual clusters
XCI-625		PY8 (Sep '18 - Aug '19), PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Choonhan Youn	Improve RSP Jetstream and other cloud image discovery
XCI-4		PY9 (Sep '19 - Aug '20)	-		RACD Data	Lee Liming	Revise CDPs for CAN-2 & ALL related use cases to use GCS distribution
XCI-87		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	SP Resource Console should not show Green for no publishing
XCI-132		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Add XCDB API to the XSEDE API documentation
XCI-135		PY9 (Sep '19 - Aug '20)	-			JP Navarro	Provide Information Services API returning batch system information
XCI-151		PY9 (Sep '19 - Aug '20)	-		RACD Requirements Analysis	JP Navarro	Create use cases for delivered RSP capabilities

XCI-200		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Analyze GT commands/tools usage at SPs
XCI-201		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Collect Globus toolkit command/tools usage from enterprise services
XCI-202		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Analyze GT commands/tools and service usage by Gateways
XCI-403		PY9 (Sep '19 - Aug '20)	-		RACD Requirements Analysis	Eric Blau	Use case and CDP for existing CPU and GPU information publishing and discovery
XCI-491		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Rob Light	Enable SPs to provide researchers instructions for requesting and using CSAs
XCI-499		PY9 (Sep '19 - Aug '20)	-	High	RACD Integration Services	Lee Liming	OAuth-SSH User Documentation for XUP
XCI-510		PY9 (Sep '19 - Aug '20)	-			Unassigned	Produce semi-annual community update of upcoming XCI deliverables, Spring 2019
XCI-570		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Unassigned	Configure sendmail on information services servers
XCI-579		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Unassigned	Manually registered RSP software doesn't have a provider
XCI-580		PY9 (Sep '19 - Aug '20)	-		RACD Data RACD Requirements Analysis	Lee Liming	Draft dataset sharing use cases based on IEEE DataPort capabilities
XCI-583		PY9 (Sep '19 - Aug '20)	-		RACD Management RACD Security	JP Navarro	Translator script from Globus Auth native usage format to XSEDE standard usage format
XCI-584		PY9 (Sep '19 - Aug '20)	-		RACD Management RACD Security	Lee Liming	Automatic monthly ingest for Globus Auth usage data
XCI-585		PY9 (Sep '19 - Aug '20)	-			Unassigned	Pull XSEDE Globus endpoints from Globus Transfer instead of IPF
XCI-608		PY9 (Sep '19 - Aug '20)	-	High	RACD Integration Services RACD Security	Lee Liming	Security design review for OAuth-SSH server deployment
XCI-613		PY9 (Sep '19 - Aug '20)	-			JP Navarro	Enhance RabbitMQ node resilience by moving mnesia directory to a new disk
XCI-636		PY9 (Sep '19 - Aug '20)	-			Unassigned	Update status of use case CAN-03
XCI-666		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Unassigned	Load containers and container spaces into the Resource Catalog V3 to enable discovery
XCI-681		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Implement Information Services API regression testing
XCI-687		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	David Hart	RDR document use cases
XCI-688		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Convert info.xsede.org web/API usage into standard format
XCI-689		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	JP Navarro	Display logged in user information on RSP pages
XCI-697		PY9 (Sep '19 - Aug '20)	-			Unassigned	Create and publish initial XSEDE user containers and templates/recipes
XCI-698		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Eric Blau	Implement RSP container and container space discovery
XCI-710		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Unassigned	Improve Information Services router information quality checks
XCI-711		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Unassigned	Improve Information Services router failure monitoring
XCI-712		PY9 (Sep '19 - Aug '20)	-		RACD Integration Services	Unassigned	Improve Information Services API monitoring

XCI-715		PY9 (Sep '19 - Aug '20)	-	RACD Security	Jim Basney	<a href="#">Update oa4mp.xsede.org to latest OA4MP server software</a>
XCI-724		PY9 (Sep '19 - Aug '20)	-	RACD Integration Services	JP Navarro	<a href="#">New CDP for CB-18</a>
XCI-734		PY9 (Sep '19 - Aug '20)	-	RACD Integration Services	Unassigned	<a href="#">Load Use Cases and Delivery Plans into the Resource Catalog V3 as capability Guides to enable discovery</a>
XCI-744		PY9 (Sep '19 - Aug '20)	-	RACD Integration Services	Rob Light	<a href="#">Add an "Campus" Provider Level in RDR</a>

48 issues

## Action Items

Key	Summary	T	Created	Updated	Due	Assignee	Reporter	P	Status	Resolution
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No issues found