Minutes EGI-JRA1 phone conference 28/07/2013

Contents

Participant List

David Meredith (DM)
Emir Imamagic (EI)
Ivan Diaz (ID)
Paloma Fuente (PF)
Paschalis Korosoglou (PK)
Alison Packer (AP)
Cyril Lorphelin (CL)
George Ryall (GR)
Malgorzata Krakowian (MK)

Milestones & Deliverable

No M&D active until Jan2014

QR13:

- work done during the last quarter (May, June, July)
- work planned for the next quarter
- issues encountered during the quarter
- meetings attended/organised
- publications released, if any

Deadline for me to integrate everything is 2nd of August, so please provide your input by the end of the July.

Actions review

4005. No news. Ticket stalled.

Action on DS: contact Tiziana to have news.

4132: wiki page updated by GOCDB, SAM and Operations Portal.

ID: For the Accounting portal no problem with GLUE2. For the Metrics Portal a minor re-writing is needed. We should estimate the effort. However, it is not critical.

PF: we are testing the new GOCDB V5

DM: the GLUE2 stuff should be delayed for a while. The GLUE2 schema received a small number of public comments to be addressed. I suggest firstly to rollout the GOCDB v5 and to work on GLUE2 stuff after the v5 will be stabilized.

Keep open and wait until GOCDB v5 will be stabilized.

4532: AP: No effort available until now. Maybe we could get some effort from graduate students. We will know something about that probably in September/October, not in the next meeting but in the one after.

Keep open.

4538: No news. Keep open.

Action on MK: contact Tiziana to have an update.

4609: Ready for integration.

ID: we already passed the VM with the Regional Accounting Portal to the Greek NGI to perform the first tests.

DS: when the test will be completed?

ID: in a couple of weeks

4610: Keep open. Part of SAM Update-22.

4645/6: Keep open

4648: Keep open

No update.

4649: Keep open

No update.

5034: Keep open. PF: Part of SAM Update-22.

5551: Keep open

AP: we received one site request to send Regional Accounting data to a test server.

5554: PF: we tested the new PI of the GOCDB v5 last week. We found a couple of problems, one is the site id and the other is about the downtimes. Both problem were discussed with the GOCDB team and were solved.

PF: now we need to know when the GOCDB will be installed in production because we need sometimes to reach all the NGIs.

DS: DM will say us the plan to install GOCDB v5 in production in his status update.

Closed

5689: DS: I started a discussion with Marian to understand if the SAM team could support this package until the end of project. I'm waiting for an answer.

Keep open.

5705:

ID: we implemented atomic table replacement to fix the problem of the inconsistent status of the nagios probe. But the problem doesn't disappear and we should investigate it to understand the reason. However, simulate the nagios probe behavior is quite complex.

EI: we need to a find a reasonable solution for this problem. If we have a longer period, for example if we look at last month, maybe we should fix the problem. Indeed we should have some data in a month.

ID: the problem is very erratic and we didn't see any pattern.

EI: can we try with a longer period? I'm in favor of the lazy solution, looking in a longer period. In a month we should have almost 1 record properly published for a site. If we don't have any record in 30 days there's some problem in the repository logic.

ID: Emir's suggestion is good. It's simple to implement for our team. If all the people agree we can follow this suggestion and see the behavior after 30 days.

MK: it's ok with me too.

DS: **the final decision is to change the behavior of the userdn nagios probe. The probe will look in the last 30 days and, if the status of the site is unknown, this will be reflected in the operations portal. ID will implement the needed changes on the Accounting Portal (action on ID).**

Keep open until we validated the solution suggested by Emir.

5748:

ID: it's done. We can close the action.

5749:

CL: this action is only a reminder for when the SAM update-22 will be deployed.

EI: I agree with CL. We created this action last meeting only to have a reminder for when the Staged Rollout start (several tests should be re-named).

Keep open.

5750:

AP: we successfully tested with EMI-3 Apel Client. The data was received and the summary created. The next step is the visualization. We should create some summary records containing accounting data for MPI jobs and decide how to visualize it on the Accounting Portal.

Keep open.

5834:

DS: all PTs should update the integration testbed wiki page. It contains now obsolete information.

Action on all PTs.

Analysis on JRA1 tasks effort used versus plan

DS presents the slides attached in agenda.

Effort used versus plan is presented for each partner involved in JRA1. All partners have to use the numbers presented on the slides to consume all remaining planned effort in PY4. DS will update the slides after each quarter.

Action: DS will contact partners to fix under and over reporting issues.

VO A/R system: Status and First Results (Cyril Lorphelin)

CL presents the slides attached in agenda.

DS: When do you integrate this new module in the ops portal?

CL: We prefer to keep this module separate from the ops portal. Probably, the integration will consist to adding a link in the ops portal pointing to this new module.

GOCDB V5 Programmatic Interface (David Meredith)

DM presents the slides attached in agenda.

DS: when do you install GOCDB v5 in production?

DM: we'll provide everybody with a switch-over data early in September. The transition should be painless.

Status update & Requirements analysis

SAM (Paloma Fuente)
SAM U22: testing phase. There are still some changes coming from test and some operation tasks pending. We should prepare the box for the staged-rollout at the end of August and start SR in the beginning of September.

EI: we should enter in SR before the EGI TF in Madrid.

GOCDB (David Meredith)
Slides uploaded.

V5 is nearly completed. A few remaining TODOs:

- Refine some scoping hints/tips.
- Decide how to best handle deletion of NGIs/Sites/Services
- In v4 no data is deleted (it is only turned 'off'). V5 options:
    - Don't delete NGIs/Sites/Services and just turn off as in v4.
    - Permanently delete NGIs/Sites/Services but make a record of deletions in an audit/history table.
    - Investigating – has implications for custom queries needed to view snapshot of the grid at a particular point in time.
- Update v4 to v5 data exporter scripts to export a fresh copy of the v4 data.
- Update failover instances (Fraunhofer+DL) and monitoring scripts.
- Deployment scheduled for early Sept before TF.
- Existing production instance will be moved and maintained as a read-only archive.
- In process of bidding for new developer as replacement to JC.

    Other stuff:
- New service type added 'org.nordugrid.arex.' (ARC version 3 Compute element, does not replace older ARC_CE).
- Requirement recently raised for a single Service instance to be shared between multiple hosting Sites (currently, a service can only have one hosting site).
    https://ggus.eu/ws/ticket_info.php?ticket=95621 Use cases (waiting for clarification):
    - To cascade permissions: i.e. allowing users from both sites to put the shared service into downtime/make edits to the service etc.
    - To return the same (shared) Service and Downtimes in the PI results when specifying different sites that each own the service: i.e. the 'get_downtime' and get_service_endpoint': https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_downtime&topentity=SITEA https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_downtime&topentity=SITEB https://gocdb-test.esc.rl.ac.uk/v5_pi/public/?method=get_service_endpoint&sitename=SITEA https://gocdb-

test.esc.rl.ac.uk/v5_pi/public/?method=get_service_endpoint&sitename=SITEB
Implications:

- None for GOCDB but on other PTs?
- Suggest we delay this requirement until after first v5 release as this requires changes in data model.

Everybody agreed to postpone the requirement 95621 after GOCDB v5 rollout.

GGUS (Helmut Dres)

Slides uploaded.

Status Update:

GGUS releases 2013-07-10

- GGUS web interface
  - New "Did you know?" Title: "On ALARM ticket re-opening the agreed Emergency Contacts get notified again"
  - Renewed the GGUS certificate used for signing alarm notifications.
  - New Type of Problem: "Computing Services"
- GGUS structure
  - Decommissioned support unit "NGI_IE"
  - Decommissioned support unit "ISIN"
  - Decommissioned support unit "EMI Common Data Library"
  - Decommissioned support unit "gLite VOBOX"
  - Decommissioned support unit "EMI Common"
- GGUS structure (cont'd)
  - Renamed support units "gLite WMS" to "WMS"
  - Renamed support units "IGE" to "EGCF"
  - Merged SUs "SAM/Nagios" (3rd Line) & "LHC Experiment Dashboard" to new name "Grid Monitoring"
  - New support unit "NGI_ZA"
  - New VO "drihm.eu"
- Mail issues
  - Send email to the agreed "Emergency email" address when an ALARM ticket gets re-opened and put a line in the internal diary
- GGUS interfaces
  - Modify web services "GGUS" and "GGUS_HISTORY"
  - GGUS-SNOW: Change "Close Code" value sent to SNOW for tickets solved/unsolved in GGUS
  - GGUS-SNOW: When a ticket gets 'verified' in GGUS send note to SNOW but no 'Close Code'
  - GGUS-SNOW: reminders misleadingly include the last public diary update
  - SAVANNAH-GGUS-CMS: clarify work flows
- GGUS internals
  - GGUS-SNOW: avoid obsolete email notifications from GGUS, every time a status "Assigned" is received from SNOW
  - Update workflow for tickets waiting for PTs
  - Invalid status change to be checked

- GGUS reporting
  - GGUS RG: Implement SLA report "ETA accuracy"

Next GGUS release 2013-09-25

- Open requests see here:
  - Savannah shopping list http://bit.ly/12fj1Ru (requests for september 2013 release)
  - EGI RT GGUS-Requirements queue https://rt.egi.eu/rt/Dashboards/2636/GGUS-Requirements (not yet finalised which items will make it in the september release)

No updates for GGUS related issues in EGI RT inspire-jra1 queue

Ops Portal (Cyril Lorphelin)
Slides uploaded.

Work on going - refactoring:

- Refactoring of the VO ID cards - Done
- Refactoring of the VO Administration Module - Done
- Refactoring of the Broadcast - Almost Done
- Refactoring of the Dashboard - On going
- Correction of different minor bugs

All these developments are visible on http://operations-portal.egi.eu/next. The push on production is foreseen before the end of the year.

Accounting Repository (Alison Packer)
Slides uploaded.

- User Data Retention Policy for CPU Accounting implemented;
- Additional clients publishing using SSM 2.0/EMI 3 APEL Client;
- ARC/JURA and QCG/MAPPER accounting clients, sites now publishing in production from both of these;
- Work for Globus/Gridsafe – task with APEL team to provide updated version of AUR, currently being worked on;
- EDGI – Desktop Grid Accounting testing;
- MPI Accounting using the EMI 3 APEL client testing (by the MPI VT) verified.
- Cloud accounting work to compare data from different cloud middleware in progress to verify data;
- The old version of the Cloud Accounting repository running SSM 1.2 has now been stopped, data has been saved;
- Only SSM 2.0 now available for publishing cloud accounting data; 8 out of the 10 sites have migrated to this version. Data is summarised and sent to the Accounting Portal.

Accounting Portal (Iván Díaz Álvarez)
Slides uploaded.

Status Update:

- Security work
- Regionalization improvements

- SSM reinstallation.
- Cloud info improvement and meeting
- Continuing refactor of the code
- Changes for new accounting.
- UserDN SAM probe changes
- UserDN SAM probe atomic table changes implemented
- Updated RT tickets on dashboard

Requirements Analysis:

- #980: extensions for decomissioned ROCs/NGIs for Acc Portal: Difficult to do without external support.
- #3497: Summary view in accounting portal home page – to be done after rewrite.
- #4071: Support to MPI jobs data - Waiting for Data and Schema details
- #4609: First implementation of the regional Accounting Portal by Y3 – Pending final testing and integration, needed further restructuration.

Metrics Portal (Iván Díaz Álvarez)
Slides uploaded.

Status Update:

- Changes in SA1, SA2 metrics for QR13.
- Maintenance
- Included new QR13 metrics
- New mechanism for deprecation and change of project metrics depending on quarter.
- Some metrics deprecated.
- Changes on project metrics
- Removal of outdated ticket view
- Updated RT tickets on dashboard

Requirements Analysis:

- #5820: Changes for QR13 - Done
- #5543: Update project metrics - Done
- #5508: Quarterly reports view should not include comments - done

AOB
Next meeting: JRA1 session at EGI TF 2013.

ACTIONS from today
1. Action on DS: contact Tiziana to have news about ticket 4005.
2. Action on MK: contact Tiziana to have an update on ticket 4538.
3. Action on ID: implement the needed changes on the Accounting Portal as agreed during the discussion on ticket 5705
4. Action on all PTs: update the information in the integration testbed wiki page: https://wiki.egi.eu/wiki/Operational_tools_testbed
5. Action on DS: contact partners to fix under and over reporting issues.