

Minutes EGI-JRA1 phone conference 04/03/2013

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Participant List

Helmut Dres (HD)
David Meredith (DM)
Emir Imamagic (EI)
Ivan Diaz (ID)
Paloma Fuente (PF)
Alvaro Simon (AS)
Olivier Lequeux

Milestone & Deliverable

https://wiki.egi.eu/wiki/JRA1_Milestones

MS710 - Operational Tools Roadmap - (Incorporates accounting [MS709] and CIC portal plans [MS708])

Records the planned technical changes for the operational tools and the use cases they are designed to support. (KIT)

DS: HD uploaded a new draft on the document server satisfying reviewers' comments: <https://documents.egi.eu/secure/ShowDocument?docid=1501>.

DS: We are waiting the final answer from reviewers.

D7.3: Annual Report on Operational Tool maintenance and development activity

A public report describing the work of the operational tool product teams and the work they are doing on maintenance, development and requirements emerging from standardisation, compliance issues.

DS: TOC available on the document server: <https://documents.egi.eu/secure/ShowDocument?docid=1562>.

DS: The first draft will be ready by the end of this week. Next week will be dedicated to internal review. We should close internal review by 15th March.

JRA1 at EGI Community Forum 2013

DS: timetable available at <https://indico.egi.eu/indico/conferenceTimeTable.py?confId=1222#20130408>.

DS:

- **Tue 09/04 11:00 Evolving** operational tools

11:05 GGUS infrastructure

11:25 D-MON: a federated information system for distributed e-Infrastructures

11:45 SAM roadmap

12:00 SAM requirements from EUDAT

12:10 GOCDB roadmap and PRACE requirements

DS asked GGUS, SAM and GOCDB PTs for their availability to do the presentations. All PTs agreed.

- **Wed 10/04 11:00 EGI-InSPIRE Mini-Projects**

This session will provide a presentation of a number of mini projects relevant to SAM, operations portal and GOCDB.

- **Wed 10/04 11:00 Coordinated offering of a federated resource pool**

This session clashes with the previous.

At least one operations portal developer should attend this session as we will start the discussion of the details of the integration of resource allocation into the operations portal.

- Thu 11/04 11:00 Accounting workshop

This is being organized by Alison Packer.

Analysis on JRA1 tasks effort used versus plan

DS: I update the excel file tracking JRA1 tasks effort used versus plan with QR11 data:
<https://indico.egi.eu/indico/materialDisplay.py?contribId=7&materialId=0&confId=1344>

DS: I highlighted in the spreadsheet Partners' over/under spending (over > 120%; under < 75%)

Critical Issues:

- TJRA1.2:
 - CESGA over spending: 144%
 - GRNET under spending: 54%
- TJRA1.4 under spending 54%:
 - CESGA under spending: 33%
 - INFN under spending: 21%
 - STFC under spending: 72%

DS: CESGA should report in TJRA1.4 in the next quarters reducing his activity in TJRA1.2 in the next quarters. This is coherent with the CESCA plans for the next quarters.

ID: Ok

DS: I'll contact GRNET, INFN and STFC to try to fix the other issues.

Updating service type names in GOCDB, impact and devising a strategy to update

Slides uploaded in indico:

<https://indico.egi.eu/indico/materialDisplay.py?contribId=5&materialId=slides&confId=1344>

Requirement:

- Ease integration with other systems + interoperability.
- An EMI aim is to start migration for GLUE2 compliance ASAP:
https://ggus.eu/ws/ticket_info.php?ticket=91632
- Document a process for such requests on EGI wiki (10~20 other potential names)

Impact:

- Some dependent tools maintain history + stats against current types (e.g. SAM).
- Other systems? E.g. WLCG

Options:

1. Reject and wait for new GLUE2 XML PI methods that *will* use the GLUE2 service type names (GOCDB will do internal mapping).
 - Current PI service types remain unchanged

- Inconsistent – 2 SE type names for same service
2. Add 'org.nordugrid.arex' and phase out 'ARC-CE'
 - Deal with other SE change requests in similar way.
 3. Update all 'ARC-CE' services in GOCDB to 'org.nordugrid.arex'
 - Probably not an option due to SAM + other dependent tools

PF: The third option is not feasible for SAM. The other 2 options are fine.

DM: Considering both the first and second option for SAM are fine, I prefer to follow the second.

DS: I agree, we can follow the second option.

DS: Updating service type names in GOCDB has impact only for SAM. Then, we can proceed to implement this solution.

DS: I'll create a wiki page describing the procedure to update a service type name. David and Paloma should review the wiki page.

Mini Project: GOCDB - Scoping Extensions and Management Interface

Slides uploaded in indico:

<https://indico.egi.eu/indico/materialDisplay.py?contribId=6&materialId=slides&confId=1344>

Scoping Enhancements and Management Interface

A) Scoping Enhancements: Extend the current 'EGI' and 'Local' data scoping logic to introduce multiple, non-exclusive scope tags to encourage other projects to host their data within a single GOCDB instance ('EUDAT' 'PRACE').

- Current 'Local' and 'EGI' scopes are mutually exclusive; a site/service can only be tagged with a single scope.
- Enhancements will allow a single object, such as a site, service, or service group (virtual-site) to be tagged by multiple projects without duplication of information.
- Extend current PI 'scope' parameter to support a comma-separated list of requested scopes, e.g:

A) https://goc.egi.eu/gocdbpi/public/?method=get_site&scope=EGI,EUDAT,UK_NES

B) https://goc.egi.eu/gocdbpi/public/?method=get_service_endpoint&scope=EGI,UK_NES

- Scoping Rule: Options for a 'Service.Scope' value will be limited to the parent 'Site.Scope' values. This way, an SE can't define a scope that is not already defined by its parent site.

- <https://wiki.egi.eu/wiki/GOCDB/Release4/Development/conditionalCertificationStatusRules>

B) Provide a supporting GOCDDB management interface to simplify daily operational/admin tasks.

- Many administrative tasks are performed directly on the database using scripts
- Admin interface will speed-up and simplify such tasks (e.g. for new GOCDDB admins)
- Decrease the likelihood of introducing error
- Starts mid-March + build on v5 release.
- New developer in place for 6mths.

Regional Accounting Repository and Portal

Slides uploaded in indico:

<https://indico.egi.eu/indico/materialDisplay.py?contribId=9&materialId=0&confId=1344>

Regional Apel Server:

- The New EMI 3 APEL Client can be configured to send Summary Records to either the central APEL server or a regional APEL server.
- Communication between clients and servers is via the EGI Message Broker network using the APEL SSM package. Where the messages are destined for is controlled by the queue which is set in the SSM configuration.
- EMI 3 Release date is 7th March, 2013
- Regional APEL server comprises:
 - MySQL database
 - apel-lib, apel-server and apel-ssm packages
 - Packages available on github and documentation for installing a test setup available now
- Test configuration must include one system running EMI 3 APEL Client and one running Regional APEL Server
- Data from existing APEL Client can be used for testing -test Central APEL Server available for Regional APEL Server testing now.
- APEL team need to coordinate with test sites so contact apel-admins@stfc.ac.uk for documentation and to start testing.
- **Regional APEL Server in production planned for April, 2013.**

Regional Accounting Portal:

- The Regional Portal will be distributed as a preconfigured, ready-for-use VM.
- Updates will be published via a code repository, improving solution time and enabling local branches with regional specific code.

- NGI staff only required to do small administration tasks, like updating the code or configuration.
- Portal staff will assist NGI staff and have a copy of their installation in hand to debug and propagate fixes.
- Regional version will display local sites and federations, so some views (e.g. OSG) and reports will be removed. Each VM will be tested against the corresponding regional APEL server.
- VM deployment required a separate VM instance from the APEL repository and appropriate VM managing software.
- **Production versions expected for end May-June 2013.**

DS: Both services must be in production by the next review (end of June). **End May/June deadline for the regional accounting portal has to be considered as an hard deadline.** I suggest to start integration tests (regional accounting repo + regional accounting portal) ASAP.

ID: Put in production the regional accounting portal by the deadline should be easy.

Actions review

79-197: EI: we can close all tickets. I already provided some documentations.

3282: keep open.

4005. waiting for a meeting with eudat. No news. DS will send a mail to Tiziana to have an update.

4131: No updates from the PTs. It should be handled by Apache2 and OpenSSL without tool modification. The deadline is the end of August 2013.

4132: DM: Document about XML rendering will be published for public comment in the next OGF (next week).

DS: Please, add the document link on the ticket when available.

4532: keep open.

4536: see ops portal status update.

4538: Ask news to Tiziana and Peter.

4608/4609: see Regional Accounting Repository and Portal

4610: PF: We had the first meeting of the SAM Nagios Probe WG. We defined objectives, deadlines and remaining issues with the WG manager.

(Information integrated by Marian via mail)

The outcome of the WG will be a list of probes that SAM should integrate. We expect this list to be finalized by mid-March. For probes that are missing or have other issues WG should propose actions to take. The list of current issues has been sent to Marcin already.

The list of issues has been also sent to EMI and the testing page has been updated to reflect the current status (<https://twiki.cern.ch/twiki/bin/view/EMI/NagiosServerEMITestbed0022012>).

Since then we have discovered additional 2 bugs in ARC probes - those will be added to the page. We're waiting on EMI to give us a schedule of EMI 2 updates where those issues will be fixed. EMI 2 update containing at least the critical fixes is needed before SAM can provide an integrated release.

Indico page: <https://indico.egi.eu/indico/categoryDisplay.py?categId=89>

WG Manager: Marcin Radesky

4643/5/6: keep open

4647: keep open

4649: next meeting at EGI CF 2013.

4649: keep open.

4653: implemented soon

4775: Effort evaluated. We can close.

4776: ticket stalled waiting for ace team.

DS: No answer until now. We need to know if they can satisfy the requirement. Paloma, could you, please, ask ACE developers if they accept the commitment?

PF: Ok.

DS: In case of negative answer we will look for another solution.

4778: keep open.

4824: keep open.

5034: DS: Marian already reported in OTAG mailing list. I'll update the ticket.

5048: DS: The deadline is the end of March.

PF: We are waiting for an example.

DM: Add a template in the ticket.

DS: OK

Status update & Requirements analysis

SAM (Paloma Fuentes)

SAM U20: WLCG experiments completed the validation last week. Therefore we are going to update our central installation.

SAM U21 ongoing: integration of the EMI probes

RT2791: It can be supported without any major modifications to SAM given that GOCDB provides a link that would list both locally and globally scoped services for a given region.

GOCDDB (David Meredith and John Casson)

Slides uploaded.

Status Update:

- V5 (Doctrine): Aiming to release a test version in next few weeks to test main PI methods (PI now nearly reproduced using Doctrine DB).
- New AAI layer for abstracting different authentication mechanisms integrated into v5 (e.g. x509, un/pw - loosely based on Spring Security3).
- Service type request in progress ('ARC-CE' to 'org.nordugrid.ares').
- GOCDDB Mini-project: Scoping Enhancements + Management Interface.
- GLUE2 XML rendering opened for public comment at OGF 37 (12th March)
 - Will be adopted by new GOCDDB PI methods (planned)
 - Existing PI methods largely unchanged except for the PK changes described at: <https://wiki.egi.eu/wiki/Doctrine>
- Additional failover to be hosted at Daresbury Labs (UK)
 - Hardware found, in prep.

RT Requirements Analysis:

V5 Release (end ~May):

- Support for other RDBMS: <https://rt.egi.eu/rt/Ticket/Display.html?id=4516>

Number of smaller issues will be addressed in v5 release:

- Output of get_downtime method (<https://rt.egi.eu/rt/Ticket/Display.html?id=1017>)
- Add link to GOCDDB roc object in XML results of 'get_roc_contacts' (<https://rt.egi.eu/rt/Ticket/Display.html?id=1423>)
- Blank Roles due to deleted users: (<https://rt.egi.eu/rt/Ticket/Display.html?id=4642>)
- Use scope pull-down consistently across Site/SE views: <https://rt.egi.eu/rt/Ticket/Display.html?id=4466>
- Hide EGI Visibility (Scopes for EUDAT)
- <https://rt.egi.eu/rt/Ticket/Display.html?id=4595>

Post v5 release:

- Add new REST (PI) method to programmatically insert downtimes, EUDAT+PRACE? (<https://rt.egi.eu/rt/Ticket/Display.html?id=4935>)
- GLUE2 XML Rendering (<https://rt.egi.eu/rt/Ticket/Display.html?id=4517>)

- Multiple Endpoints per Service: (<https://rt.egi.eu/rt/Ticket/Display.html?id=3347>)
- Mini-project: Scoping enhancements + Management interface.

GGUS (Guenter Grein and Helmut Dres)

Slides uploaded.

Status Update:

GGUS release 2013-02-27

- GGUS web interface
 - New "Did you know?" Title: Ticket relation in GGUS
 - Explaining status "waiting for reply"
 - Decommission of the software release dashboard
- GGUS structure
 - Decommission VO «demo.vo.edges-grid.eu»
 - Decommission VO «ict.vo.ibergrid.eu»
- Interfaces to other systems
 - Implement interface GGUS - IBERGRID RT
 - Renew certificate of NGI_PL interface
 - Renew certificate of NGI_IT interface
- Mail issues
 - Migration of GGUS mail boxes to new infrastructure - Part 2
 - Moved ggus.org domain from old mail infrastructure to new infrastructure
- Reporting
 - GGUS RG: RG deviation of figures from manual reports
 - GGUS RG: Implement SLA report "open tickets by priority"

GGUS next release 2013-03-27

Items for next release are not yet defined, open items are recorded at:

- EGI RT: <https://rt.egi.eu/rt/Dashboards/2636/GGUS-Requirements>
- WLCG Savannah:
 - for next release: <http://tinyurl.com/cyxwzo4>
 - all open items: <https://savannah.cern.ch/support/?func=browse&set=open&group=esc>

Ops Portal (Cyril Lorphelin)

Prototype for A/R VOs based on Lavoisier console:

http://cclavoisier03.in2p3.fr:8080/lavoisier/index_dates_vo

Accounting Portal (Iván Díaz Álvarez and Alvaro Simon)

Slides uploaded.

Status Update:

- Security work

- Solved change on myOSG endpoint
- InterNGI developments
- Fixed US OSG views
- Fixed reptier2 for Brazil federation.
- New endpoint for UserDN publication SAM probe
- Updated links section
- Heavy Core refactoring
- OOP migration
- Regionalization improvements
- Fixed XML endpoints
- New view aggregating all region charts for InterNGI reports (NGI/COUNTRY).

Requirements Analysis:

- #196: NAGIOS probes for Accounting Portal - It is done
- #3210: visibility of historical data for de-commissioned sites in the accounting portal - dependant on godcb support to mark closed historical sites (as opposed to name changes and test sites).
- #3497: summary view in accounting portal home page – to be done after rewrite.
- #3596: Additional views required in the Accounting Portal - Implemented as part of the InterNGI changes.
- #4609: First implementation of the regional Accounting Portal by Y3 – Covered on the meeting agenda
- #4653: Improve DN publication and the country reporting - Covered by the new SAM probe and publishing campaigns, also work done by SA1 staff, some NGIs refuse by law to make dta available.
- #4741: Decommissioned grid sites in the EGI Accounting Portal - Duplicate of #3210
- #4887: The VO member view of the Accounting Portal should properly list the VO/group/role accounting - Followed on GGUS #89640, originated by the correct way to display and categorize non-existent Role Information accross VOs.

Metrics Portal (Iván Díaz Álvarez and Alvaro Simon)

Slides uploaded.

Status Update:

- NGI summed metrics for NA2.
- New EGI.eu NGI for management purposes.
- Addition of new SA1 metrics.
- Changes in quarterly views and Excel reports.
- Redundant views removed.
- Changes in the auth system.
- Changes for QR11
- Prep work QR12
- Maintenance

Requirements Analysis:

- #628: Metrics portal provides Project & NGI metrics - It is a meta-ticket, I think it is done, but the scope is too generic.

- #3236: Metrics portal aggregated views - Done
- #4051: New NA2 metrics for Y3 on the Metrics Portal - Done
- #4306: Metrics portal menubar truncates on chrome – Not replicated yet on local chrome and chromium installations.
- #4308: Metrics portal access control - Mostly done, there are still problems with the group functionality

AOB

PF: I cannot edit the JRA1 wiki.

DS: I'm trying to fix the problem.

DM: A question for Paloma, about "Updating service type names in GOCDB, impact and devising a strategy to update" is the option 2 OK?

PF: It's ok for SAM team

DS: Summarizing the procedure will be:

1. Add the new name of the service type in GOCDB keeping the old one.
2. SAM updates its profile to support the new name. The old name will be supported for a while until all the services will be updated.
3. We should define a proper deadline to keep the support of the old name in GOCDB and SAM.

Next meeting at EGI CF 2013 (Tuesday or Wednesday).

ACTIONS from today

1. Action on DS: contact GRNET, INFN and STFC to fix the TS issues;
2. Action on DS, PF, DM: create a wiki page describing the procedure to update a service type name;
3. Action on DS: DS will send a mail to Tiziana to have an update on ticket 4005;
4. Action on all PTs: RT 4131. Analyze the problem and put on the wiki information highlighting possible critical points;
5. Action on DM: RT4132. add the XML rendering document link on the ticket when available;
6. Action on DS: RT4538. Ask news to Tiziana and Peter;
7. Action on PF: RT4776. PF will ask ACE developers if they accept the commitment;
8. Action on DS: RT5034. Update the ticket;
9. Action on DS: RT5048. Add template info in the ticket.