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| **Meeting:** | Technology Coordination Board (TCB) |
| **Date and Time:** | Friday 14 Dec 2012 – 09:30-12:00 |
| **Venue:** | Teleconference |
| **Agenda:** | <http://go.egi.eu/TCB-15> |

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# Participants

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name and Surname | Abbr. | Representing | Membership | Presence |
| Steven Newhouse | SN | EGI.eu Director/CTO  | Member & Chair | Yes |
| Michel Drescher | MD | EGI Technical Manager | Member | Yes  |
| Tiziana Ferrari | TF | EGI Chief Operations Officer | Member | Yes |
| Peter Solagna | PS | EGI.eu Operations Manager | Member (COO deputy) | Yes |
| Steve Brewer | SB | EGI.eu Chief Community Officer | Member | No  |
| Gergely Sipos | GS | EGI.eu Technical Outreach Manager | Member (CCO deputy) | No |
| Karolis Egelis | KE | EGI.eu UCSO (delegated by GS) | In attendance | Yes\* |
| Ales Krenek | AK | EGI.eu DMSU | Member | No |
| Zdenek Sustr  | ZS | EGI.eu DMSU | Member (Deputy) | No |
| Pavel Fibich | PF | EGI.eu DMSU (delegated by AK) | In attendance  | Yes\* |
| Matteo Turilli | MT | Chair EGI FedCloud Task Force | Member | Yes\* |
| Sergio Andreozzi | SH | EGI.eu Strategy and Policy Officer | In attendance (Secr.) | Yes |
| Alberto Di Meglio | AM | EMI Project Director (MoU/SLA) | Member  | Yes\*x |
| Balazs Konya | BK | EMI Technical Directory (MoU/SLA) | Member (Deputy) | Yes\* |
| Andre Merkzy | AY | SAGA (MoU/SLA) | Member | Noa  |
| Charles Loomis | CL | StratusLab (MoU) | Member | No |
| Helmut Heller | HH | IGE (MoU/SLA) | Member | Yes\* |
| Steve Crouch | SC | IGE (MoU/SLA) | Member | Yes\* |
| Andrew Grimshaw | AG | UVACSE (MoU) | Member | No |
| Tomasz Piontek | TP | PSNC (MoU) | Member | Yes\* |
| Mariusz Mamonski | MM | PSNC (MoU) | Member (deputy) | Yes\* |
| Stephen Burke | BU | EGI.eu Information Service | In attendance | Yes\* |

\* from remote x joined later a apologies

# ACTIONS REVIEW

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Resp. | Description | Status |
| 13/02 | IGE/HH | Circulate a document describing the support plan of IGE products06/11: work in progress14/12: document provided | ~~OPEN~~CLOSED |
| 13/03 | EGI.eu | Review the current MoU/SLA framework and support structure and see how this needs to change if there will be the need to move towards a more institution based model while avoiding direct engagement with individual product teams; the MoU framework should also consider the requirements handling process and should work also for collaborations; the MoU framework should be modular (e.g., only requirements handling, requirements handling + SLA)06/11: work in progress14/12: work in progress | OPEN |
| 13/05 | IGE/SC | To assess relative cost of solving “Implementation of realistic cyclic and dynamic Workflows” #3406 through the GridWay tool06/11: work in progress14/12: GridWay is not interested in addressing this requirement | ~~OPEN~~CLOSED |
| 14/01 | EMI/BK | To get in touch with submitter of requirement 881 to clarify what this is about14/12: work in progress | ~~NEW~~OPEN |
| 14/02 | EGI/TF | Evaluate options for a standard service configuration tool that could be adopted for UMD14/12: work in progress | ~~NEW~~OPEN |
| 14/03 | EMI/AM | Talk with Laurence Field to verify the scalability limits of top-level BDII (e.g., how many site level BDII can it support?)14/12: 3,000 instances | ~~NEW~~CLOSED |
| 14/04 | EMI/BK | Provide EMI’s roadmap of information service evolution and usage options (e.g., issues, evolution of information service; EMIR option is an option for service endpoint, while Resource BDII is could be for resource information) by next TCB14/12: work in progress | ~~NEW~~OPEN |
| 14/05 | EGI/TF | Define EGI’s requirements for information service focused on long-term evolution (e.g., load, type of info, management autonomy, per site, per NGI)14/12: documented in slides | ~~NEW~~CLOSED |
| 14/06 | EGI/TF | To circulate a document with policies about deployment of BDII in NGIs14/12: TF to add scenario of Africa ROC and Italy sites not being part of EGI and depict deployment scenarios of BDII deployment | ~~NEW~~OPEN |
| 14/07 | EMI/BK | Report on progress of the High Availability CREAM (Load balancing) requests #227914/12: document circulated, all features mentioned will be part of EMI3 | ~~NEW~~CLOSED |
| 14/08 | EGI/TF | Circulate slides from Prague about the accounting workshop held in Prague6/11: link added to the TCB agenda14/12: done | ~~NEW~~CLOSED |
| 14/09 | EGI/MT | Report to Steven Newhouse about effort spent by co-funded NGIs in the EGI FedCloud task force to identify deviations14/12: done | ~~NEW~~CLOSED |
| 14/10 | EGI/SAEGI/SN | Evaluate the use cases passed from Helix Nebula for FedCloud engagement14/12: work in progress | ~~NEW~~ OPEN |
| 14/11 | IGE/HH | Check if GSI-SSHTerm supports VOMS proxy14/12: HH confirmed that this is supported | ~~NEW~~CLOSED |
| 14/12 | EGI/GSEGI/TF | Identify which EGI communities are using only GridFTP (no SRM) for the Globus Online test14/12: TF identified a number of communities: epos, verce, MAPPER, DRHIM;  | ~~NEW~~CLOSED |
| 14/13 | EGI/GSEGI/TF | Identify which EGI communities are using simple FTP for the Globus Online test14/12: TF reported no user communities have been identified | ~~NEW~~CLOSED |
| 14/14 | EGI/TF | Analyse which versions of GridFTP servers are deployed in EGI that are out of support. This action depends on action 13/02 to be completed 14/12: TF stated that the only version that is not getting support is IGE v1; TF will contact sites to fix it; the verification of installations is an operation issue, action to be closed | ~~NEW~~CLOSED |
| 14/15 | EMI/BK | Investigate if WebDAV can support third-party transfer; the goal is to find out if EMI storage elements with no GridFTP can be used in Globus Online14/12: received a written response | ~~NEW~~CLOSED |
| 14/16 | EGI/AKEGI/KE | Contact DPM developers and investigate integration option with Globus Online (GO)14/12: PF wondered which GO could be used; HH confirmed that the production version could be used (globusonline.eu); SN talked to Steven Tuecke and understood that they support GridFTP, they do not see the need to support other protocols; if there is a need for new protocols to be supported, then the activity needs to be funded; if DPM supports GridFTP, then this should be able to be used by GO; recommendation is to try to use it and see if/what the failure is so then to go back to GO people to present a specific problem (if any); SN/HH can support escalating requests; SN confirmed that dCache is working on adding some core capability to GridFTP so to not need SRM; HH opened tickets about short-comings identified by KE in previous TCB, one of them was already fixed.  | ~~NEW~~OPEN |
|  |  |  |  |
| 14/17 | IGE/HH | Resend information among the supported Globus components stating which versions are SHA2-ready and which are not14/12: information provided | ~~NEW~~CLOSED |
| 14/18 | EMI/BK | Complete the EMI document on SHA2 readiness14/12: work in progress | ~~NEW~~OPEN |
| 14/19 | SAGA/AY | Provides an analysis about if/how SAGA can fulfil the requirement #120314/12: remains open | ~~NEW~~OPEN |
| 14/20 | EGI/BU | Make publicly available all the received documents/feedback for the GLUE 2.0 EGI profile14/12: keep open (HH confirmed that there are no comments from IGE) | ~~NEW~~OPEN |

# AGENDA BASHING

Agenda approved.

# MINUTES OF THE PREVIOUS MEETING

The minutes of the previous meeting were already approved according to the new procedure (http://go.egi.eu/TCB-14).

# ITEMS OF BUSINESS

## Requirements Management

### Analyse new and reviewed requirements

MD uploaded a document with updates.

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Description | Discussion | Agreed State |
| 926(new) | Distributed relational data management | For EMI, out of scope of activities; (see action **15/01**) | In Clarification |
| 3230 | Data Iifetime management | BK said that this is a very variable requirement, OK to be endorsed, not sure who will have effort to address it14/12: EMI will not release a statement of solution in the short term14/12: SC in contact with GlobusOnline and GridFTP to gather information | Endorsed |
| 881 | Requirement for VO renaming/migration | BK said that technology providers did not understand what the people posing the requirements want (***see action 14/01***)14/12: no update | In Clarification |
| 2563 | Mandatory variables in configuration files should be identified | EMI will deliver this in EMI 3 release; IGE endorsed this even though they are not currently aware of any problems with their SW in this regard; the consumers of the products should raise issues with badly documented variables14/12: this will be released for EMI3, no statement of solution will be provided as activity is in progress; SC asked to IGE information about this, info to be provided | Endorsed |
| 1203 | Uniform API | BK stated that EMI will provide documents describing the API; MD proposed SAGA as client-side API; BK said that SAGA may cover only job management while no data management is available; the requirement is endorsed and to be checked if SAGA wants to provide a solution; EMI will provide clear and precise documentation on the APIs (***see action 14/19***)14/12: EMI is not going to provide statement of solution as EMI already stated what they will provide  | Endorsed |

## Task Forces review

### Accounting Task Force

TF presented based on slides.

Slide 2: Discussion about the publication of UserDN, a policy decision for the EGI Council to be made. At the moment, EGI is pushing for voluntary adoption, if this does not go through, then an EGI Council policy may be defined.

BK asked who is leading the APEL team, TF answered Alison Packer. TF asked BK about SSM v2 in EMI, BK confirmed that this will happen in EMI v3. TF asked HH about the support of SSM v2 from GridSafe, SC confirmed this will happen for the March 2013 release. TF asked HH about what does it mean “available effort” for SLA, HH explained that this is same as best effort.

### Federated Cloud Task Force

MT presented based on slides. Support for WS-PGRADE is important as this opens the use of SCI-BUS so to support workflows. There are use cases in the area of engineering that would benefit from these features. For OpenModeler, they need to add support for the requested interface, waiting for roadmap. LHCb DIRAC needs contextualization; Victor claimed that they could use the proprietary interface as this offers the needed features. The proposal could be to open up temporarily and then use the EGI mini-project to add contextualization to OCCI implementation. They could use NOVA (OpenStack). SN asked if contextualization would be useful to other use cases. MT confirmed that this is very important to be added (see Action **15/02**). About opening NOVA interface, MT suggested to open it so to add support for the LHCb DIRAC use case. SN proposed to postpone the decision after we know how much effort would be needed to implement the contextualization (in case of couple of months waiting, then better to wait, otherwise we may temporarily allow it).

## Technology evolution

### Information Discovery

TF presented based on slides. No common patterns were able to be derived from usage BDII. Usage is very high, so robustness is very important, scalability seems to be not a problem with current figures. It would be nice to have support for many infrastructures without needing to deploy many instances of the service; BK asked which other infrastructures are interested in using BDII; TF said that EUDAT and PRACE are just examples, the real case is African ROC and EGI at the moment. The requirement should be properly captured and submitted to TCB. BK stated that it does not see the need for distinguishing the infrastructures; TF gave the examples of Italy having sites that are not part of EGI.eu (more information added to action **14/06**). BK commented that LF confirmed that 3000 BDII instances queries by pulled by a higher level BDII.

## Post-EMI/IGE support

SN mentioned about the new document circulated. MD provided an overview about the document. The discussion will continue at the “Evolving the EGI Workshop” (28-30 January 2013, <http://go.egi.eu/evolving-egi-ws-2013>). AM asked who is the main audience expected as he does not see a specific slot in the agenda. SN confirmed that the last day (30/01) is the most appropriate. AM reported that about the post-EMI, there is not yet clear scope about the coordination activities that will be carried out. SN stated that if any from EMI side who needs to discuss coordination activities, this should be present at the event.

HH asked if the collaboration between EGI and PRACE would go behind the current focus. TF said that accounting, help-desk, monitoring is driven by MAPPER within a dedicated task force based on use cases. The scope may be broadened depending on willingness of the other party to engage.

HH asked if pay-per-use policy is going to be implemented or just thinking about. SN confirmed that there will be a concrete experiment with NGIs willing to participate and money being transferred. There is no plan to move the whole EGI in this operating model, it is just an additional operational mode to offer for potential interested users communities. HH said that LRZ as resource provider would be very interested in exploring this possibility. SA provided the link to the survey to fill.

## AOB

* TF asked EMI what is the objective of the ScienceSoft event on persistent identifiers. AM explained that this is about persistent identifiers about software. PanData and OpenAIRE are also actors in the area to consider besides EU-DAT so to understand relationships between the various types of persistent identifiers.
* HH was told that some packages from IGE do not show in UMD; HH to contact Peter Solagna about it.

# Date of next meeting

F2F in Amsterdam: [http://doodle.com/s2gzhmsrfc65k2zf](http://doodle.com/s2gzhmsrfc65k2zf%22%20%5Ct%20%22_blank)

There being no further business, the meeting concluded at 12 o’clock.

# NEW ACTIONS

|  |  |  |  |
| --- | --- | --- | --- |
| ID | Resp. | Description | Status |
| 13/03 | EGI.eu | Review the current MoU/SLA framework and support structure and see how this needs to change if there will be the need to move towards a more institution based model while avoiding direct engagement with individual product teams; the MoU framework should also consider the requirements handling process and should work also for collaborations; the MoU framework should be modular (e.g., only requirements handling, requirements handling + SLA)06/11: work in progress14/12: work in progress | OPEN |
| 14/01 | EMI/BK | To get in touch with submitter of requirement 881 to clarify what this is about14/12: work in progress | ~~NEW~~OPEN |
| 14/02 | EGI/TF | Evaluate options for a standard service configuration tool that could be adopted for UMD14/12: work in progress | ~~NEW~~ |
| 14/04 | EMI/BK | Provide EMI’s roadmap of information service evolution and usage options (e.g., issues, evolution of information service; EMIR option is an option for service endpoint, while Resource BDII is could be for resource information) by next TCB14/12: work in progress | ~~NEW~~OPEN |
| 14/06 | EGI/TF | To circulate a document with policies about deployment of BDII in NGIs14/12: TF to add scenario of Africa ROC and Italy sites not being part of EGI and depict deployment scenarios of BDII deployment | ~~NEW~~OPEN |
| 14/10 | EGI/SAEGI/SN | Evaluate the use cases passed from Helix Nebula for FedCloud engagement14/12: work in progress | ~~NEW~~ OPEN |
| 14/16 | EGI/AKEGI/KE | Contact DPM developers and investigate integration option with Globus Online (GO)14/12: PF wondered which GO could be used; HH confirmed that the production version could be used (globusonline.eu); SN talked to Steven Tueckel and understood that they support GridFTP, they do not see need to support other protocols; if there is a need for new protocols to be supported, then the activity needs to be funded; if DPM supports GridFTP, then this should be able to be used by GO; recommendation is to try to use it and see if/what the failure is so then to go back to GO people to present a specific problem (if any); SN/HH can support escalating requests; SN confirmed that dCache is working on adding some core capability to GridFTP so to not need SRM; HH opened tickets about short-comings identified by KE in previous TCB, one of them was already fixed.  | ~~NEW~~OPEN |
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| 14/18 | EMI/BK | Complete the EMI document on SHA2 readiness14/12: work in progress | ~~NEW~~OPEN |
| 14/19 | SAGA/AY | Provides an analysis about if/how SAGA can fulfil the requirement #120314/12: remains open | ~~NEW~~OPEN |
| 14/20 | EGI/BU | Make publicly available all the received documents/feedback for the GLUE 2.0 EGI profile14/12: keep open (HH confirmed that there are no comments from IGE) | ~~NEW~~OPEN |
| 15/01 | EGI/KE | Follow up on requirement #926 with the submitter | NEW |
| 15/02 | EGI/MT | Identify developer who could add contextualisation to OCCI implementation and effort required (funding could come from an EGI mini-project) | NEW |
| 15/02 | EGI/TF | By TCB 17, evaluate the set up of a task force to engage with the identified communities to adopt GO | NEW |
| 15/03 | EMI/BK | Provide names of people to be added to the mailing list of EU-DAT/EGI/PRACE collaboration (for IGE, HH to be added) | NEW |

Minutes prepared by Sergio Andreozzi, 03.01.2013

Minutes Approved TCB Chair Steven Newhouse

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