



Meeting:	Task Force Federated Clouds
Date and Time:	Tuesday 13 Dec 2011 - 11:00-12:00 CET
Venue:	Conference Call via HiDef
Agenda:	https://www.egi.eu/indico/event/596

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Participants

1. Alan Kyffin - STFC (e-Science)
2. Alison Packer - STFC (UK NGI)
3. Bjoern Hagemeyer - FZ Julich
4. David Wallom - OeRC (UK NGI)
5. Emir Imamagic - EGI-InSPIRE JRA1
6. Giacinto Donvito - IGI
7. Kostas Koumantaros - EGI-InSPIRE SA2
8. Matteo Turilli - Chair
9. Micheal Higgins - CloudSigma
10. Michel Drescher - Technology Manager
11. Michel Jouvin - GRIF
12. Miroslav Ruda - CESNET (NGI CZ)
13. Peter Solagna - Operations Officer
14. Piotr Kasprzak - GWDG
15. Shahbaz Memon - FZ Julich
16. Steve Brewer - Community Officer
17. Stuart Kenny - TCD (NGI IE)
18. Tomasz Szepieniec - CYFRONET (NGI PL)
19. Vladimir Viro – Peachnote
20. Zeeshan Ali Shah - KTH/Venus-C

Apologies

1. Daniele Cesini - EGI-InSPIRE JRA1
2. Domenico Vicinanza - DANTE
3. Elisabetta Ronchieri - INFN/CNAF
4. Ian Collier - STFC (e-Science)



5. Marco Verlato – WeNMR
6. Mattieu Puel - IN2P3

Agenda approval

Approved.

Minutes from the previous meeting approval

The minutes (<https://www.egi.eu/indico/event/595>) were accepted with the following change:

- EGI-InSPIRE SA2 is going to publish VMs in the EGI Marketplace but at the moment is not publishing VMs yet.

Actions review

Please note that the actions are now managed with the help of the to-dos lists at the following Basecamp website: <https://oerc.basecamphq.com/>.

Agenda

Report on EGI Information System workshop

- Michel reports that most of the workshop was focussed on the infrastructure of information systems. A lot of the talks were about service registries that are only marginally related with the work the TF is doing about information systems. The TF is concerned more with what type of information is exposed in order to bring the users to the resource providers and much less with where the information system infrastructure is located or integrated.
- Implementations: EMI service registry has been presented as a new implementation of an information system. GOCDDB is probably an existing implementation that could fit the need for the TF to publish static information.
- David points out that integration with existing information services is a critical issue that should take priority over unimplemented, future scenarios. For integration, publication schema analysis and refinement is crucial.
- The work group 4 is still focussed on producing a document about what type of information should be published, through what schema, more or less extended in order to comply with the need of cloud-information publishing.
- Peter suggests that the analysis of the schema for cloud-information publishing is the goal of the TF but not necessarily the one of the workshop. David agrees but stresses how it is not possible to make an informed decision about information registries without first knowing what information should be published.



- David asks whether the information registries discussed at the workshop were based on web services. Michel reports that the focus was mostly on GLUE2 as the common language for information publishing. David agrees but stresses how GLUE2 needs to be extended in order to accommodate the need for cloud-information publication.
- It is agreed to wait for the publication of the minutes of the workshop. Action 01/14.

Peachnote Use Cases

- Vladimir describes two use cases for the Peachnote project:
 1. Running a Hadoop cluster.
 2. Running single VMs that push back information the service.
- Peachnote (<http://www.peachnote.com/>) is a music score search engine. A melody can be entered in the search engine and a list of music containing that melody is returned. It is a sort of 'Google scholar'-like service for music. The engine is based on metadata and scanned music scores. Till now, 1.6ml sheets have been scanned and indexed. The system runs on a 3 machine cluster at the University but it needs to scale up both in size and maintainability. New features need to be implemented that require larger amount of resources like, for example, audio/score synchronization. The system has been online for 7 months and it has been used by more than 100.000 people, with some single users visiting the site more than 200 times.
- Make available details about Peachnote on our wiki. Action 02/14.
- Vladimir asks whether he can run a Hadoop cluster on our test bed. This would allow for a real progress of Peachnode. CloudSigma and GRIF declare their availability to run Vladimir's use cases.

Report Scenario 1 – VM Management

- Testing of the OCCI interface is undergoing. CESNET and CESGA and GWDG are conducting the tests using the VM tailored for Scenario 1. Still some issues with the OCCI version used for testing. It has to be 1.1 but not all the providers support it at the moment.
- Wnodes and CloudSigma are invited to run the tests of Scenario 1.

Report Scenario 2 – Data Management

- Document describing 3 tests procedures for Scenario 2.
- CloudSigma cannot participate to OCCI-enabled tests. Either the proprietary API or Jcloud can be used.
- GWDG, CESGA, GRIF, OeRC volunteer to collaborate to the Scenario 2 testing procedures.

Report Scenario 3 – Information Systems

- Peter reports that he collected information about GLUE2 and how it can be extended in order to include cloud-specific information. Three types of information need to be mapped into GLUE2: computation, data and network. Network-related information requires a consistent extension of GLUE2 as it is almost not present in the current schema. Peter has documented this work on the wiki – workbench Scenario 3. It should be reviewed.



AOB

- The TF agrees to cancel the meeting on Dec 27th.

Minutes prepared by Matteo Turilli.

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