



Meeting:	Task Force Federated Clouds
Date and Time:	Tuesday 8 Nov 2011 - 11:00-12:00 CET
Venue:	Conference Call via HiDef
Agenda:	https://www.egi.eu/indico/event/591

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Participants

1. Alison Packer (STFC) APa
2. Alvaro Simon (EGI-InSPIRE JRA1) ASI
3. Bjoern Hagemeyer (FZJ) BHa
4. Carl Loomis (StratosLab) CLo
5. Daniele Cesini (EGI-InSPIRE JRA1) DCe
6. David O'Callaghan (TCD) DOC
7. David Wallom (OeRC) DWa
8. Domenico Vicinanza (DANTE) DVi
9. Elisabetta Ronchieri (INFN) ERo
10. Emir Emamagic (JRA1) EEm
11. Esteban Freire (CESGA) EFr
12. Giacinto Donvito (IGI) GDo
13. Ivan Diaz (CESGA) IDi
14. Marco Verlato (WeNMR) MVe
15. Matteo Turilli (OerC) MTu
16. Michel Drescher (EGI.eu) MDr
17. Paolo Veronese (INFN) PVe



- 18. Peter Solagna (EGI.eu) PSo
- 19. Piotr Kasprzak (GWDG) PKa
- 20. Shahbaz Memon (FZJ) SMe

Apologies

- 1. Michael Higgins
- 2. Tomasz Szepieniec (Cyfronet)
- 3. Steve Brewer (EGI.eu)
- 4. Alexander Papaspyrou (OGF DCIFed)

Agenda approval

There were no changes to the proposed agenda.

Minutes from the previous meeting approval

The minutes (<https://www.egi.eu/indico/event/590>) were accepted without changes.

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/>.

ID	Resp.	Description	Status
08/02	FSI/MBo	Fill in the inventory matrix (SARA) provided through Action 03/02 <i><u>27 Sep 2011: No progress</u></i> <i><u>04 Oct 2011: No progress, but was promised offline for this week.</u></i> <i><u>11 Oct 2011: No progress; Matteo to follow-up (Action 01/05)</u></i> <i><u>18 Oct 2011: No progress</u></i> <i><u>25 Oct 2011: No progress</u></i> <i><u>1 Nov 2011: No progress</u></i>	OPEN
02/03	GSi/SBr	Provide an introduction on the WIKI about the stakeholders, actors and terminology used in this Task Force <i><u>04 Oct 2011: No progress</u></i>	OPEN

		<i><u>11 Oct 2011:</u> No progress</i>	
		<i><u>18 Oct 2011:</u> No progress</i>	
		<i><u>25 Oct 2011:</u> No progress; SB adds his responsibility to contribute but requires the review of TF members before publication on the Wiki.</i>	
		<i><u>1 Nov 2011:</u> No progress</i>	
03/03	MDr	Provide an overview of the six scenarios in the Wiki including Scenario leaders and scenario complexity.	OPEN
		<i><u>04 Oct 2011:</u> No progress</i>	
		<i><u>11 Oct 2011:</u> No progress</i>	
		<i><u>18 Oct 2011:</u> No progress</i>	
		<i><u>25 Oct 2011:</u> No progress</i>	
		<i><u>1 Nov 2011:</u> No progress</i>	
01/04	MTu	Contact umbrella activities mentioned in Action 11/01 and negotiate participation in the Task Force	OPEN
		<i><u>11 Oct 2011:</u> On-going, no results yet</i>	
		<i><u>18 Oct 2011:</u> On-going, no results yet</i>	
		<i><u>25 Oct 2011:</u> Activities were contacted, but no answers yet.</i>	
		<i><u>1 Nov 2011:</u> No progress</i>	
01/05	MTu	Follow-up with SARA to fill in the inventory matrix	OPEN
		<i><u>18 Oct 2011:</u> Mail sent; no answer</i>	
		<i><u>25 Oct 2011:</u> In progress, SARA didn't fill in the inventory yet.</i>	
		<i><u>1 Nov 2011:</u> No update on SARA activity, keep open.</i>	
		<i><u>8 Nov 2011:</u> No answer from SARA. Will send last reminder then the action will be closed for lack of commitment from SARA.</i>	
02/05	MTu	Record Eucalyptus stability and coverage issues in the blueprint.	OPEN
		<i><u>18 Oct 2011:</u> No progress</i>	
		<i><u>25 Oct 2011:</u> No progress</i>	
		<i><u>1 Nov 2011:</u> No progress</i>	
		<i><u>8 Nov 2011:</u> Need to decide where to record such experience.</i>	
03/05	DOC	Report about the issues about policy and non-technical issues that do not allow TCD to make user accounts available to users.	OPEN
		<i><u>18 Oct 2011:</u> No progress</i>	

		<u>25 Oct 2011: No progress</u>	
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: In progress. Deadline set for Nov 15th.</u>	
04/05	ZAS	Document the issues around IPv4 and IPv6 in the Wiki	OPEN
		<u>18 Oct 2011: No progress</u>	
		<u>25 Oct 2011: Documentation is in internal review with experts</u>	
		<u>1 Nov 2011: No progress</u>	
05/05	CLo	Evaluate and document StratusLab status for IPv6 support	CLOSED
		<u>18 Oct 2011: No progress</u>	
		<u>25 Oct 2011: No progress</u>	
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: Closed</u>	
01/07	MDr	Develop roadmap for X.509-based federated identity for Cloud infrastructure access.	OPEN
		Document issues around using X.509 based AuthN for Cloud infrastructure access. Include suggestions for mitigation for user communities.	
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: No progress</u>	
02/07	MDr	Provide links to the EGI Trust Anchor repository.	OPEN
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: No progress</u>	
04/07	MVe	Remind WeNMR users to enroll ASAP with CloudSigma	OPEN
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: No progress</u>	
05/07	MVe	Remind WeNMR users to enroll ASAP with Cyfronet	OPEN
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: No progress</u>	
06/07	MVe	Ensure that users actually use the KTH Cloud	OPEN
		<u>1 Nov 2011: No progress</u>	
		<u>8 Nov 2011: No progress</u>	
07/07	GDo/PVe	Update the resource inventory Wiki for INFN as Resource Provider	OPEN

		<i><u>1 Nov 2011:</u> Problems with setting up the test bed & network setup</i>	
		<i><u>8 Nov 2011:</u> No progress</i>	
08/07	ZAS/MHi	Compare JCloud and OCCi, and document the gap analysis for a submission to OGF's OCCi WG for further consideration and standardisation.	OPEN
		<i><u>1 Nov 2011:</u> Matrix of features is in development, capturing the input from the ML and other sources. Will need some more time to finish.</i>	
		<i><u>8 Nov 2011:</u> No progress</i>	
09/07	SBr/UCST	Start a user community orientated Wiki to start capturing specific requirements related to the six scenarios	OPEN
		<i><u>1 Nov 2011:</u> No progress</i>	
		<i><u>8 Nov 2011:</u> No progress</i>	
10/07	MDr	Start rearranging the Wiki so that it better suit the capturing and digesting requirements, both from provider and user community point of views.	CLOSED
		<i><u>1 Nov 2011:</u> Some progress without being visible yet. MHi suggests a "links of links" approach, similar to a Table of Contents.</i>	
		<i><u>8 Nov 2011:</u> Closed.</i>	
11/07	MDr	Start collecting information as input and contribution to the Information System workshop.	OPEN
		<i><u>1 Nov 2011:</u> No progress</i>	
		<i><u>8 Nov 2011:</u> No progress</i>	
01/08	MDr	Architecture diagram(s) for X.509 based AAI	OPEN
		<i><u>8 Nov 2011:</u> No progress</i>	
02/08	MTu	Confirm OpenStack support for X.509	OPEN
		<i><u>8 Nov 2011:</u> No progress.</i>	
03/08	PKa	Confirm that the OpenNebula Backend (i.e. API) supports X.509 based AAI	OPEN
		<i><u>8 Nov 2011:</u> No progress</i>	
04/08	MRu	Provide technical detail for OpenNebula's VO-like functionality	OPEN
		<i><u>8 Nov 2011:</u> No progress</i>	
1/09	MDr	Send a message to the mailing list describing the testing process for Scenario 1 and asking the providers to run these tests.	OPEN

2/09	MDr/MTu	Contact Philipp Wieder and Florian Feldhaus about porting their OpenNebula OCCI server implementation to OpenStack and Jclouds.	OPEN
3/09	MDr	Write the section of the blueprint document relative to Scenario 1	OPEN
4/09	MTu	Call for Resource Providers support in order to close Scenario 1	OPEN
5/09	APa	Send to the mailing list a kick-start mail for Scenario 4. See the agenda, point 3.	OPEN
6/09	APa	Send a mail to SBr asking for relevant use-cases and requirements about Scenario 4.	
7/09	MDr	Blog about the lack of OCCI support for any cloud infrastructure but OpenNebula	OPEN
8/09	MTu	Ask for volunteers on the mailing list to deploy a Nagios box as a follow up of the kick-start mail of Scenario 5 sent by JR1 staff	OPEN
9/09	DWa	Send to the mailing list information about the Nagios probes developed by Eoverl	OPEN
10/09	DWa/MTu	Call for a conference call dedicated to the monitoring activity	OPEN
11/09	MDr	Send to the mailing list a message about monitoring systems redundancy	OPEN
12/09	PSo	Send to the mailing list a kick-start mail for Scenario 6. See the agenda, point 3.	OPEN
13/09	PSo	Send a mail to SBr asking for relevant use-cases and requirements about Scenario 6.	OPEN
14/09	MDr	Verify that the TF members have the right to post on the blog	OPEN
15/09	MTu	Mail Tiziana Ferrari asking for more information about the requested requirements document	OPEN
16/09	DWa/BHa	Write a document about what we need for an information system by Nov 22 nd and circulate it to the mailing list for comments.	OPEN

Agenda

- During the actions review, the problem of a unified, uniform procedure for the users to register and access the clouds federation is recalled.

Scenario 1 report

- MDr suggests starting to test the management interface capabilities with the providers that support OCCI. The federation prototype will then be expanded to the other providers when they will start to support OCCI (action 1/09).



- MDr suggests that Philipp Wieder and Florian Feldhaus could offer the necessary experience in order to port their OCCl server implementation for OpenNebula to OpenStack and to offer information about the binding of Jclouds to OCCl (action 2/09).
- MTu recalls the importance of transferring the work done for Scenario 1 into the blueprint document (action 3/09).
- MDr suggests that it would be possible to close Scenario 1 in 2 weeks, depending on the support offered by the Resource Providers (action 4/09).

Scenario 2, 4, 5, 6 kick-start

- Scenario 2 – Michael Higgins sent his apologies.
- Scenario 4 – Alison Packer:
 - Send a Scenario 4 kick-start mail to the mailing list (action 5/09). MTu clarifies the guidelines for the content of such an e-mail:
 - brief description of the goals of the Scenario,
 - call for participation of the TF members to the workgroup activities,
 - time-line for the achievement of the Scenario goals.
 - Send a mail to SBr asking whether relevant scenarios/requirements have been collected about Scenario 4 activities (action 6/09).
- Scenario 5 – Daniele Cesini:
 - Sent a kick-start e-mail last week to the mailing list about monitoring.
 - Deadline for completing Scenario 5 is at the beginning of March. DCe believes it should be achievable.
 - Nagios probes:
 - probes for the different cloud technologies used by the Resource Providers should be developed.
 - Resource Providers should deploy (help from JR1 is available) a Nagios box to be used to develop a first set of basic probes. Volunteers needed to develop the Nagios probes with the help of the JR1 staff (action 8/09). More complex probes will be developed in a second phase of Scenario 5 activities.
 - EFr volunteers for installing a Nagios instance and to contribute to the development of the first set of probes for the GESCA OpenNebula framework.
 - DWa offers to contribute the Nagios probes developed for another cloud project to the Task Force (action 9/09).
 - DWa and EEm discuss some details about monitoring: distributed/centralised, type of parameters to monitor, internal/external tests, federated monitoring. Following the discussion DWa proposes to have a conference call dedicated to Scenario 5 (action 10/09).



- MDr has issues to discuss about monitoring too (action 11/09).
- Scenario 6 – Peter Solagna: kick-start mails as discussed for Scenario 4 (action 12/09 and 13/09).
- MTu recalls the importance of disseminating the TF activities through the EGI blog. MDr should verify that the TF members have the rights to post on the EGI blog (action 14/09).

Information Discovery workshop. Amsterdam, December 1st

- MTu: the task force has been requested to collect requirements for an information system for a clouds federation. The list of requirements will have to be sent before December 1st to Tiziana Ferrari (action 15/09).
- MTu reports about the lack of commitment of the appointed leader of Scenario 3. MTu calls for a new leader. DWa courageously accepts the challenge pointing out the importance of such a Scenario.
- Action on DWa and BHa to produce a document about what the TF needs from an information system by Nov 22nd. The document will have to circulate for comments. Comments are expected in hours, the Task Force members should be ready (action 16/09).

F2F meeting, Amsterdam

- MTu: our F2F meeting is likely to be on November 24th in Amsterdam. Precise information will follow.

AOB

None.

Minutes prepared by the Task Force Chair

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