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<b>Meeting:</b>	Task Force Federated Clouds
<b>Date and Time:</b>	Tuesday 13 Sep 2011 - 11:00-12:00 CET
<b>Venue:</b>	Conference Call via HiDef
<b>Agenda:</b>	<a href="https://www.egi.eu/indico/event/584">https://www.egi.eu/indico/event/584</a>

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## Participants

<b>Name and Surname</b>	<b>Abbr.</b>	<b>Representing</b>	<b>Function</b>
<b>Matteo Turilli</b>	MT	Oxford University	Task Force Chair
<b>Steven Newhouse</b>	SN	EGL.eu	EGL.eu Management Observer
<b>Tiziana Ferrari</b>	TF	EGL.eu	Chief Operations Officer
<b>Steve Brewer</b>	SB	EGL.eu	Chief Community Officer
<b>Michel Drescher</b>	MD	EGL.eu	Technology Manager
<b>Tomasz Szepieniec</b>	TS	CYFRONET, Poland	Resource Provider
<b>Floris Sluiter</b>	FS	SARA, Netherlands	Resource Provider



## AGENDA BASHING

Due to unforeseen issues an agenda was not provided.

## MINUTES OF THE PREVIOUS MEETING

The minutes of the previous meeting were are publically available in MS Word and Adobe PDF format, and are accessible at: <https://www.egi.eu/indico/conferenceDisplay.py?confId=580>.

The minutes were approved without further changes.

## ACTIONS REVIEW

ID	Resp.	Description	New Status
01/01	MD	Provide a simplified public URL for the Task Force “home page” (the WIKI entry page) and appropriate linking in EGI.eu home page etc. <i><u>13 Sep 2011: No progress.</u></i>	OPEN
02/01	SB	Provide initial documentation on User Community requirements and needs that may be used as use cases for a federated cloud infrastructure <i><u>13 Sep 2011: In progress, the received answers need to be collated.</u></i>	OPEN
03/01	TF	Contact Daniele Cesini and investigate the interest of the JRA activity to contribute to the Task Force as a Technology Provider <i><u>13 Sep 2011: Done, Daniele is now a member of this Task Force.</u></i>	CLOSED
04/01	ML	Provide contact details for the mentioned Resource Centre that is willing to contribute to the physical test bed for the Task Force <i><u>13 Sep 2011: No progress</u></i>	OPEN
05/01	MD	Invite Davide Salomoni to the Task Force <i><u>13 Sep 2011: Done, Davide is now a member of the Task Force</u></i>	CLOSED
06/01	ER	Provide links and documents on existing requirements and use cases for consumption in this Task Force <i><u>13 Sep 2011: In progress, ER is collating available information</u></i>	OPEN
07/01	MD	Ensure that the EGI blog infrastructure is usable by Task Force members <i><u>13 Sep 2011: Done, anyone with an EGI SSO account may request to be enabled for active blog posting, anyone with an EGI SSO account</u></i>	CLOSED



may comment on blog posts. <http://www.egi.eu/blog> provides more details.

**08/01** SB Liaise and coordinate with the EGI outreach activities. Also provide information to the Task Force members (Wiki?) on the EGI outreach channels and how to feed those with content

*13 Sep 2011: No progress, was held up by earlier actions.*

**09/01** MD Find a suitable conference call slot for Task Force participants for weekly conference calls

*13 Sep 2011: Done, The Task Force will now have weekly conference calls on Tuesdays 11:00 CET.*

**10/01** MT Draft an agenda for the Task Force needs and liaise with Steven Newhouse for time at the Technical Forum. Circulate that agenda and call for contributions by Task Force members

*13 Sep 2011: In progress, time slots are available for the Task Force on Monday 16:00 for a F2F, and Tuesday 11:00 within SN's EGI Virtualisation session.*

**11/01** DW Specify the term "umbrella activity", and approach those in scope for active contribution to this Task Force

*13 Sep 2011: No progress, keep open*

## ITEMS OF BUSINESS

There being no agenda the participants went through an ad-hoc list of pressing items as indicated below.

### Task Force sessions at the Technical Forum in Lyon

#### Tuesday, 11:00

SN states that he himself "owns" this session, but after providing scope and setting for virtualisation activities within EGI, the Task Force may use the rest of the session (about 60 minutes) for its own purposes.

SN suggests to allocate the Monday afternoon session that is currently un-allocated for a F2F meeting for the Task Force to discuss any managerial aspects of the Task Force. After some discussion the call participants agreed to allocate that session for a F2F meeting (**Action 01/02, 02/02**). TF and SB indicate that they already committed their attendance to other sessions; PS will represent TF in that meeting.

Further discussing details of the Tuesday session, MT intends to present the Task Force and its mandate to the public. MD further indicates that he would like to have representatives of Resource Centres, Technology Providers and User Communities to stand up in that session and declare their commitment



to this Task Force. SN further asks what level of additional commitment MT would like to see from Task Force participants.

[The discussion diverted from preparing for the Tuesday session to a more general discussion of the Task Force general working mode and expectations from its participants. This is captured in the subsequent section of the minutes.]

Further to the preparation of the sessions in Lyon, SN suggests that MT and MD should coordinate who is presenting what at the this session (**Action 13/02**).

### Monday, 16:00

No concrete issues around this session were discussed in this conference call.

### Discussing the scope and working mode of the Task Force

The call participants went on discussing how the Task Force is expected to work, and the expected level of contribution of participants.

SN asks what level of additional level MT would like to see. MT replies that, personally, he is fine with providing a skeleton blueprint document, but Task Force participants should provide the actual contents. FS asks whether the aim is a roadmap towards a federated cloud in EGI. MT confirms this by underscoring the point to use the existing infrastructure in order to achieve this goal. MT further adds that there do exist use cases from user communities to start with, to put those into scope, and to put that work plan (and blueprint document) into action.

SN mentions that we, the Task Force, need to validate what we are doing, and document how we are doing this. SN further states that Resource Providers and Technology Providers are already engaged, so it is important to approach User Communities that are willing to use and validate any of the tangible results and infrastructures (i.e. the Federated Clouds test beds) that the Task Force puts into place. SN adds that Resource Providers should be committed to not only provide test bed resources, but also blueprint document contribution efforts. MT replies that user communities were already contacted for engagement in the Task Force. SN wonders how the Task Force will get resource centres get engaged. He further adds to assign specific document contribution efforts to specific Task Force participants, and to record who is fulfilling the committed duty, and who doesn't. SN states that the Task Force needs to move quickly; the statement and the decision as to whether EGI want to go into that direction was already taken, and "yesterday" is the conceptual deadline for the Task Force to implement the move towards virtualised infrastructures. SN further clarifies that by the Community Forum in Spring 2012 [in Munich, Germany] he needs to stand in front of the EGI User Communities and demonstrate how much progress we have achieved in this effort. Therefore, SN needs to be reassured with demonstrated and documented progress of the Task Force, in the time between the Technical Forum in Lyon and the Community Forum 2012 in Munich, Germany.

MT expresses his concern that there is no tangible roadmap available to start the Task Force activity from. SN replies that the User Virtualised Workshop in Spring 2011 [<http://go.egi.eu/uvw1>] produced six



use cases that the Task Force should start from [available in the Cloud Profile working document at <https://documents.egi.eu/document/435>]. The call participants further discuss ambiguities and vagueness of the Task Force roadmap, work plans and actions assignable to the Task Force members. SN, MD, FS discuss and agree that the document available already encodes an implicit roadmap that the Task Force members should follow: Each of the six use cases discussed in that document (<https://documents.egi.eu/document/435>) build on top of its predecessor use case by inclusion; implementing use case 1 is necessary to successfully implement use case 2, etc. That way the Task Force members may implement concrete and usable test beds in a short term. FS further states that SARA already support most of the requirements encoded in the profile document. SN states that this is a crucial contribution of the Resource Providers to assess whether and how the profile scenarios can be used.

Further in the discussion SN mentions that the Task Force may choose to tackle many different issues, such as interoperability or federation, at the same time, or focus on reducing the level of complexity in order to achieve the “low hanging fruits”. SN suggests to firmly plant strategic stakes to set the frame for the next actions. He further clarifies that by specifying those concrete stakes as to which level Resource Centres and Technology Providers have to implement and deploy services in order to join the Task Force test bed, and get the blueprint document generation started.

The call participants further discuss existing and implemented standards that may already cover large parts of the Cloud Integration Profile, which may be used as a starting point for discussions in the Monday and Tuesday sessions at the Technical Forum next week. FS enumerates OVF, OCCl, CDMI, and warns that standards for Authentication and Authorisations are missing on that level of maturity as the other standards numerated. SN indicates that, for the beginning, an X.509 based infrastructure for Authentication and Authorisation might be used. The participants agree to conduct a swift inventory survey among the Resource Centres, and Technology Providers to have an overview on which software is used to provide the Capabilities identified in the Cloud Integration Profile (for Resource Centres), and which software is actually available (for Technology Providers) (**Actions 03/02 to 12/02**)

[The discussion returned to focus on the sessions at the Technical Forum in Lyon, further captured in the relevant section of these minutes.]

## **AOB**

There being no further business MT calls the meeting to an end.



## ACTIONS

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<b>01/01</b>	MD	Provide a simplified public URL for the Task Force “home page” (the WIKI entry page) and appropriate linking in EGI.eu home page etc. <i>13 Sep 2011: No progress.</i>	OPEN
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<b>06/01</b>	ER	Provide links and documents on existing requirements and use cases for consumption in this Task Force <i>13 Sep 2011: In progress, ER is collating available information</i>	OPEN
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<b>10/01</b>	MT	Draft an agenda for the Task Force needs and liaise with Steven Newhouse for time at the Technical Forum. Circulate that agenda and call for contributions by Task Force members <i>13 Sep 2011: In progress, time slots are available for the Task Force on Monday 16:00 for a F2F, and Tuesday 11:00 within SN’s EGI Virtualisation session.</i>	OPEN
<b>11/01</b>	DW	Specify the term “umbrella activity”, and approach those in scope for active contribution to this Task Force <i>13 Sep 2011: No progress, keep open</i>	OPEN
<b>01/02</b>	MD/SN	Reserve the unallocated Monday 16:00 session at the Tech Forum in Lyon for the Task Force, and disseminate this to the Task Force participants	NEW
<b>02/02</b>	MT/MD	Prepare the Task Force F2F meeting in Lyon, with agenda and discussion material as required	NEW

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<b>03/02</b>	MD	Prepare an inventory sheet/table for Resource Centres to fill in with information as to how many resources they can dedicate to the Task Force, and which software they use to provide the six capabilities identified in the Cloud Profile.	NEW
<b>04/02</b>	ML	Fill in the inventory matrix provided through Action 03/02	NEW
<b>05/02</b>	TS/MR	Fill in the inventory matrix provided through Action 03/02	NEW
<b>06/02</b>	DS/ER	Fill in the inventory matrix provided through Action 03/02	NEW
<b>07/02</b>	AE	Fill in the inventory matrix provided through Action 03/02	NEW
<b>08/02</b>	FS/MB	Fill in the inventory matrix provided through Action 03/02	NEW
<b>09/02</b>	DW	Fill in the inventory matrix provided through Action 03/02	NEW
<b>10/02</b>	MD	Prepare an inventory matrix for Technology Providers to fill in, similar to the matrix indicated in Action 03/02	NEW
<b>11/02</b>	DC	Fill in the inventory matrix provided through Action 10/02	NEW
<b>12/02</b>	CL	Fill in the inventory matrix provided through Action 10/02	NEW
<b>13/02</b>	MT/MD	Prepare presentation material for the second, public Task Force session on Tuesday, 11:00	NEW

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Minutes prepared by Michel Drescher, 6 September 2011

Minutes Approved Task Force Chair Matteo Turilli

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