M2.1 Report on the activities for the definition of a Cloud Profile

1. Introduction

This document reports on the collaboration between SIENA and EGI-InSPIRE according to the MoU in A.2 *Standards and Interoperability* [R1] Milestone M2.1.

Based on the outcomes and analysis of the user requirements activities of the DCI projects and other bodies and entities performed by SIENA (Deliverable D2.2), this activity aims to contribute, steer and advance high-priority standards as identified in the EGI Standards Roadmap (EGI-InSPIRE Deliverable D2.12) [R3]. To this aim, SIENA is supporting these developments through the participation in the EGI Federated Cloud Task Force [R4] and in the OGF DCI Federation Working group [R5].

The final goal is to help on the definition of an interoperability profile in clouds and grids widely adopted by the e-Infrastructures.

The information gathered throughout each of these activities has been and will continue to be an important process for providing input towards the final version of the SIENA Roadmap [R6] and for the EGI Federated Cloud Blueprint [R7].

2. Input from EGI to the SIENA Roadmap

EGI has contributed to the roadmap with an analysis on interoperability challenges and potential standards gaps in order to identify the missing capabilities to support its user communities.

EGI has also contributed with the description of the activities of the Task Force analysing the use scenarios that serve as basis for the definition of the testbed and providing information on the cloud-related standards identified in the EGI Cloud Integration Profile [R8].

3. Input from SIENA to the development of the EGI Task Force

SIENA has contributed to the activities of the Task Force by acting as a bridge between EGI and the DCI projects, and providing the information related to the DCI assets (like implementations of standards interfaces) useful for building the TF testbed.

SIENA has also facilitated the organisation of a plugfest on OCCI/CDMI providing a demo on the usage of the VENUS-C services that will be provided in the TF testbed.

SIENA is going to continue to participate in the editing of the blueprint document.

4. Next steps

In the next months the collaboration will continue along the scheduled milestones of the MoU. EGI-InSPIRE will provide further input and feedback to the SIENA Roadmap with contributions from the Blueprint whose first draft is to be published at the end of February. These contributions will be included in the Roadmap version presented at Cloudscape IV.

SIENA will continue to provide support to the Task Force till the end of the project (June 2012).

5. References

R1	MoU between EGI-InSPIRE and SIENA: https://documents.egi.eu/document/654
R2	SIENA D2.2 – Report on the evaluation of user requirements for e infrastructure standards: http://www.sienainitiative.eu/Pages/Static.aspx?id_documento=77e47efb-7b89-4b20-aa1b-ea1a60ef5c08
R3	EGI-InSPIRE D2.12 - Standards Roadmap: https://documents.egi.eu/document/721
R4	EGI Federated Cloud Task Force: go.egi.eu/tf-fedclouds
R5	Distributed Computing Infrastructure Federation Working Group: http://www.ogf.org/gf/group_info/view.php?group=dcifed-wg
R6	SIENA Roadmap: http://www.sienainitiative.eu/Pages/Static.aspx?id_documento=77e47efb-7b89-4b20-aa1b-ea1a60ef5c08
R7	EGI Federated Cloud Blueprint: https://wiki.egi.eu/wiki/Fedcloud-tf:Blueprint
R8	EGI Cloud Integration Profile: https://documents.egi.eu/document/435 / https://wiki.egi.eu/w/index.php?title=Fedcloud-tf:Blueprint:Introduction&oldid=29319#High-level_scenarios