Contribution ID: **163**   Type: **Workshop**

ECEE - The open collaboration spot for cloud projects in Europe

Wednesday, 13 April 2011 14:00 (3h 30m)

Overview

ECEE - Enabling clouds for eScience - is where European cloud projects collaborate to find out as much as possible, as quick as possible, about how clouds can help their users in their daily work - eScience.

Impact

The ECEE work is useful for any cloud standardization effort, giving feedback on current status and requirement. The work of ECEE also helps projects to avoid duplicated efforts and share solutions. Especially for new projects ECEE is a good group to turn to.

Description of the work

Two parts:

A) Projects present their current findings, share issues and challenges.
B) The ECEE Blueprint - A common document we all share and contribute to.

The ECEE Blueprint:

Spirit: "Cloud Interoperability Now"

1. Roadmaps
   1a. Sharing roadmaps
   1b. Avoiding 'built in' interoperability problems later on

2. Use cases
   2a. Gap analysis
   2b. "Market analysis"–today's users, tomorrow's
   2c. Guidelines –best practices, quick start one-pager + checklist(cloud, grid, hpc, something else?), rules of thumb

3. Offering
   3a. Compared to existing (and evolving) public services –what do/can we offer?
   3b. Service levels –how to handle, in practice
   3c. Some mentioned last mile, customer support (application specificneeds), platforms for specific users (like rendering example fromBalticCloud)

4. Focus areas –who to lead?
   4a. Security –access and ID mgmt in line with local requirements
   4b. Metering (what), Accounting, Billing, Business models
   4c. Federation of clouds (cf grids)

      4d. Network

      4e. Licenses

      4f. Scheduling, load balancing (resource sharing, application correlation)

      4g. Technical solutions studied –list of tested solutions, their pros and cons

5. Trend monitoring

6. Trends of small/medium DCIs and cloud computing 5a.Will they change their mode of operation?

7. GAP analysis

6a. Identified overlaps

6a.i. E.g. compare project's current deliverables

6b. Identified gaps

6b.i. What projects did not include into the plan

6b.ii. What is posing the main problem for the projects. E.g. lack of user communities, grid legacy

6c. Identify already existing policies, best practices and recommendations, and technology from the grid community –to be used as is, or modified

1. Anything else?

URL

http://www.scientific-cloud.org

Conclusions

ECEE is a hands-on open collaboration with members from all over EU, contributing to a quicker learning curve on cloud computing, and at the same time contributing to the overall standardization work.

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