Notes of EGI-Engage training coordination teleconference

2015. September 17.

Meeting agenda page: http://indico.egi.eu/indico/conferenceDisplay.py?confId=2655

Meeting chair and note taker: Gergely Sipos

Participants:

- Enol Fernandez (CSIC, EGI.eu)
- Diego Scardaci (INFN, EGI.eu)
- David Kelsey (STFC)
- Mario David (LIP)
- Gergely Sipos (SZTAKI, EGI.eu)

Apologies:

- Sven Gabriel (NIKHEF)
- Nuno Diaz (LIP)

Agenda points and key outcomes:

I. SA2.1 and training plan overview

Training plan is available on the agenda page. Section 6 provides the tasks to complete in year 1. (by the end of February 2016). The next agenda item provides info on progress with these tasks.

II. Progress towards objectives - Status and next steps

1. Virtualised e-infrastructure:
    - Pilot a virtualised e-infrastructure for training in the form of a new VO hosted on the EGI Federated Cloud, and complemented by a training access control mechanism. Deliver two tutorials based on this setup in July, then document the findings as a blueprint for future events. (1 PM)
        - Achieved, details provided in 1st intermediate project report.
        - A new section in the Wiki was created about the training infrastructure: https://wiki.egi.eu/wiki/Training_infrastructure
        - Next step (for security teams): Define and implement a process to ban VMs or users on the infrastructure. (Dave to follow-up)
    - Work with Resource providers after July to identify suitable sites, services and business model for a virtualised training e-infrastructure that can operate 24/7 to serve EGI-related courses and self-paced training needs. (2 PM)
        - Gergely to start discussion about this with current providers (CESNET, BIFI, UKIM). Priority is to secure resources for cloud trainings that will be in Bari.
2. Training modules:
    - Develop a reusable, customisable training module about the 'EGI Federated Cloud' solution by mid-July, use it during the two tutorials arranged in July, then make it available as reusable modules. (1 PM)

- Achieved. See details at https://wiki.egi.eu/wiki/Training_infrastructure
- The module is currently extended with rOCCI client deployment part (Gergely, Enol). This will be used at the FedCloud intro tutorial in Bari.

o Develop a joint training module with EUDAT by the end of 2015, based on the joint use case that has been identified and documented during the EGI-EUDAT meeting at the EGI Conference in Lisbon. (0.5 PM)

- Diego started this. GridFTP transfer was tested and works (CESNET cloud site - B2Stage @ CSC). Now need to move to Globus Online and finalise the content for the Bari tutorial. Reuse https://wiki.egi.eu/wiki/HOWTO12_Globus_Online_cookbook_for_EGI_VOs if possible.

o Develop a training module by members of the 'long-tail of science' platform developer team about the use of the EGI long-tail platform. Target of the module will be the NGI user support teams, who can train and support long-tail users based on this knowledge. (2 PM)

- Platform is still under development. Details to be checked next week with the project members. (Diego, Gergely)

o Develop a training module about security solutions and security interoperability solutions in the EGI and PRACE e-infrastructures. (0.5 PM)

- Idea of autumn training was hijacked by the merge of SIG-ISM and SCI. A workshop will be organised instead, with the support of EGI, EUDAT, GEANT, HBP and PRACE. Dave will give a talk here which can be the basis of a training module (talk, no hands-on) Event info: https://www.terena.org/activities/ism/wise-ws/

o Develop a training module about Virtual Machine preparation and certification in the EGI Federated Cloud. (1 PM)

- Discussions are ongoing in the FedCloud-TF about the process and its implementation in AppDB and other tools. As soon as the discussions are conclude documentations and training materials can be prepared.
- A VM preparation course will be delivered in Bari. (Trainer: Boris from CESNET)

o Develop a training module about incident reporting and handling in the EGI Federated Cloud. (1 PM)

- A proposed 'Strategy and Vulnerability Issue Handling Procedure' document has just been sent for review to the FedCloud task force. Feedback is also collected from the OMB next week. Document is available for comments at https://documents.egi.eu/secure/ShowDocument?docid=2538.
- Gergely: From the training perspective the priority is to define and implement the process of incident handling on the training.egi.eu VO. Dave to follow this up with the security team of EGI.

o In the second part of the first project year explore joint modules on (3 PM in total)

- No progress so far on this front. Developments within those tasks are still ongoing. Training can begin only after development is over.
- Open Data Processing solution from EGI (in collaboration with task JRA2.1).
- GPGPU-computing in EGI (in collaboration with task JRA2.4 and NGI-BG).
- Deploying clouds and federated clouds for scientific and educational purposes (in collaboration with Federated Cloud Task Force and Operations).

- iRODS training (in collaboration with NGI-FR).
- Joint modules with the RIs that have partnership with EGI (e.g. Competence Centres, joint projects, MoUs).

3. Events:
   - Deliver two tutorials about the EGI Federated Cloud in July and possibly at the EGI Community Forum in November. (1 PM)
     - Achieved.
   - Deliver training events with EGI's support at interested NGIs, using newly developed modules, resources and e-infrastructures as appropriate. (2 PM)
   - Continuously monitor the websites of partner RIs and projects, identify high-impact events to which EGI should contribute to. Arrange contributions from the local NGIs where possible. (1 PM)
     - List of upcoming events is maintained by all of us at https://wiki.egi.eu/wiki/Community_events. Please add any event that's missing.
       - ISGC 2016, with Security workshop → Dave to register

4. Training Marketplace (0.5 PM):
   - From September, in collaboration with the EDISON H2020 project, define and start the development of a new generation of the EGI Training Marketplace. The new generation should improve the sharing and integration of contributions from external projects for Data Scientists (the key beneficiaries of EDISON).
     - Work with EDISON so start on this soon. (Project kick-off meeting was held only recently.)

5. Partnerships (2 PM):
   - Follow-up those partnerships that have been identified at the EGI Conference 2015 event. Monitor the broader context in which EGI training operates, recognise and establish partnerships with initiatives that can help EGI establish sustainable, value-added services for training.
     - No progress on this. Gergely to focus on this in the next period.
     - Others please send an email to the email list in case of any potential collaboration opportunity. (egi-engage-wp6.1@mailman.egi.eu)

6. Measuring success (1.5 PM):
   - Collect the following metrics through the Training Marketplace:
     - Number of up-to-date training modules in the marketplace
     - Number of training events delivered (and thus registered in the training marketplace)
     - Number of downloads from the marketplace per item category and per individual item
     - Direct feedback on the registered items (in the form of comments and ratings)
   - Define and run surveys regularly among those who act as trainers within the community
   - Collect feedback from the attendees of EGI-related events through the trainers. Prepare a training survey template and promote this to EGI trainers to facilitate data collection and integration.
     - Metrics for the EGI-Engage 1st intermediate report have been collected.
     - Training feedback form has been prepared for July courses. This can be used at future events.

- We need to think about collecting feedback from tutorials in Bari. Gergely to check with forum organisers what will be collected centrally.

III. Effort reporting

Partners should report effort usage in EGI-Engage through the online system. Further information on this page: https://wiki.egi.eu/wiki/EGI-Engage:Project_reporting