

Minutes – EGI FedCloud

User Support Task Force

20/01/2016

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Participant List

Carlos Gimeno (CG) - BIFI
Marica Antonacci (MA) – INFN Bari
Daniele Lezzi (DL) – BSC
Genevieve Romier (GV) – NGI-FR
Boris Parak (BP) – CESNET
Vincenzo Spinoso (VS) – EGI.eu
Federica Fanzago (FF) – INFN Padova
Marco Verlato (MV) – INFN Padova
Enol Fernandez (EF) – EGI.eu
Diego Scardaci (DS) – EGI.eu

Updates about support resources from EGI.eu (Diego Scardaci, EGI.eu)

Slides uploaded in agenda

- Status of OpenStack support in the EGI FedCloud
 - Horizon enabled @ INFN-Bari for EMSO → Under testing
 - Probe for SWIFT ready -> to be tested
- Docker into the FedCloud
 - See EF's presentation
- BILS SLA
 - Technical setup of the new VO vo.nbis.se is progressing
 - TR-FC1-ULAKBIM & IN2P3-IRES to be tested
 - INFN-Bari VO available in the new sites that will be open to user by the end of January
- Use cases – Update
 - Human Brain Project – use case 2
 - Jupyter
 - FZJ as test site
 - EMSODEV
 - EMSO Data Management platform
 - Use OpenStack native interface → they will test Horizon into FedCloud
 - INFN-Bari as test site
 - InnoVine project
 - <http://www.innovine.eu/home.html>
 - INRA (France) lead partner
 - Meeting tomorrow
 - Big Data Tools (University of Hagen- Germany)
- Use cases to be prioritised for the review
 - Human Brain Project
 - Transplant
 - WLCG
 - BILS
 - Theiss
 - i-Marine

DL: Transplant is now ended. We will use the Transplant result in a new project MuG:
<http://www.multiscalegenomics.eu/>

BP: CESNET can offer resources for HBP Jupyter use case

Docker in the EGI FedCloud – Update (Enol Fernandez, EGI.eu)

Slides uploaded in agenda.

VS: any use case is currently using Docker in the FedCloud?

EF: No yet but HBP Jupyter will use Docker.

MV: There's an experimentation in Indigo-DataCloud to run a Mobrain use case with docker:
https://wiki.egi.eu/wiki/Competence_centre_MoBrain#How_to_run_the_DisVis_docker_image_on_the_en_mr.eu_VO

DL: we are testing COMPSs with Docker

BP: we are considering Docker for service deployment. Some internal tests are running

GR: we'd like to use this Docker tutorial for a training event we are organising in France (April 2016)

Updates about use cases (from every site) and from high level tools (tool providers)

CESNET (Boris Parak)

- The current downtime should be completed by the end of the week.
- Added memory modules → we can support more use cases

Action on DS: send to BP information about HBP Jupyter use case

BSC (Daniele Lezzi)

- No news from use cases
- MuG project just started
- Tutorial next month in Valencia using UPV FedCloud resources for students

DS: can we start a pilot with MuG real users within March/April 2016?

DL: I should check, I'll let you know

Action on DL: inform DS by mail about the availability of MuG users to join a pilot into the EGI FedCloud

BIFI (Carlos Gimeno)

- No news from the use cases

INFN Padova (Marco Verlatto)

- Nothing new to report
- We are looking for communities willing to evaluate our fair-share scheduler
- We updated the EGI FedCloud operations wiki page with the current capacity of our site

Action on DS: ping possibly interested communities

NGI-FR (Genevieve Romier)

- Nothing new to report

DS: News from French sites interested to join the FedCloud?

GR: we are working on it but I have no news. I'll inform you as soon as I get some updates

Action on GR: inform EF and DS about the status of the activity to integrate new French sites into the FedCloud.

INFN Bari (Marica Antonacci)

- Migration to the new RECAS data center
 - 26 – 27 January
 - Running FedCloud VMs will be copied in the new site
- Patch to support PUSPs installed
- Patch to support EGI AAI in Horizon installed
- BILS VO already configured in the new site
- We are already supporting HBP use case 1 (data federation). Interested to support HBP use case 2 Jupyter → confirmation in the next days
- Working in INDIGO-Data Cloud for Docker Orchestration
- We are working to embed the Viet's Horizon patch in a Docker container

Action on MA: confirm INFN-Bari interest to support HBP use case 2

Action on MA: send to EF and DS information about Docker Orchestration activities in INDIGO-DataCloud

Update from FedCloud Task Force and Operations

Enol Fernandez (FedCloud TF):

We are working on several topics:

- Support OS networking in OCCI (INDIGO-DataCloud)
- AppDB VM management feature
- Information System / BDII
- OCCI 1.2 implementation will start after the OGF will approve the standard update

MV: What does mean supporting OS networking in OCCI?

EF: Expose via OCCI some Neutron features

Vincenzo Spinoso (Operations):

- Campaign to check if sites are working well (e.g. if the images are really available, etc.) is progressing well. Now only 4 sites are still problems on supporting the VO wide image list
- Sites must update the table listing the amount of resources available per sites at https://wiki.egi.eu/wiki/Federated_Cloud_Operation

AoB

Next meeting: Wed 10 February 11:00-12:30 CET