

# EGI Future activities

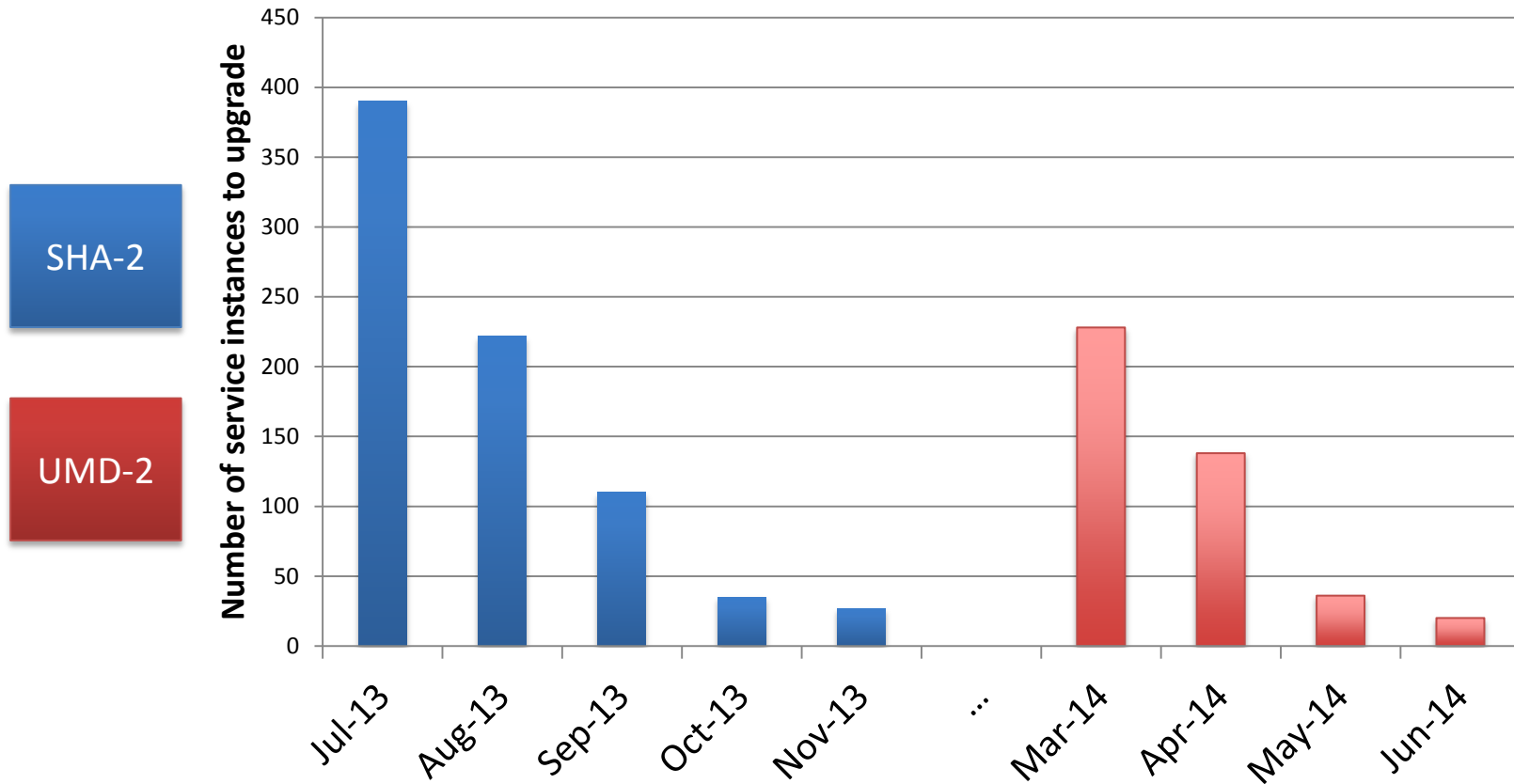
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- 2013-2014 Activities
- Future activities

# 2013/2014 Activities



- Close collaboration with WLCG
- Incident Prevention including Vulnerability Handling
  - 33 vulnerabilities handled by SVG
    - - 5 critical, 7 high risk
- Incident Response
  - 10 security incidents in PY4
- Security trainings
  - At the EGI TF and CF
- Campaign of verification of the NGIs security contacts registered in GOCDDB
  - Planning to continue this activities with sites
- EGI CSIRT Trusted introducer certification is on-going
- Central security emergency suspension
  - Work in progress
  - Deployed almost all the NGI Argus instances that will query CERN Argus
  - To do: test propagation of DNS to NGI instances
  - To do: implement the mechanism at site level (with or without Argus)



- Big effort at all the operational levels
  - Probes, documentation, coordination, actual upgrade

- 16 UMD updates released in the last 12 months
  - >300 updates verified
  - 23 products rejected
  - 40 GGUS tickets opened during software provisioning
- Assessed the support calendars for the UMD products and the support levels for 3<sup>rd</sup> level support on GGUS
  - Positive answers from the developers
- Agreed with the developers extension of security support calendar where strictly necessary

- Formalize the processes according to ITSM best practices
  - As partner of the FedSM project that developed the FitSM framework
    - Lightweight SM framework thought for federated service providers
- Improve the quality of service provided to the users
- OLA and SLA framework
  - EGI.eu SLA
  - OLA with the partners providing core services

- Being offered as production service from May 2014
  - Sites offering production cloud resources must comply with the same service levels required for grid sites
- Integration with EGI core services:
  - X509 authentication
  - Accounting
  - Monitoring
  - GOCDB



EGI core services will continue supported by the partners providing the services and the EGI.eu council members fees

- Operations coordination: EGI.eu
- Security: STFC, FOM, SNIC, CESNET
- Ops Portal: CNRS
- Monitoring: GRNET, CNRS, SRCE
- Operations support: Cyfronet
- Software provisioning: GRNET, CESNET, LIP, CSIC, CESGA
- Accounting APEL/Portal: STFC, CESGA
- GGUS: KIT
- Helpdesk (1<sup>st</sup> and 2<sup>nd</sup> level): CESGA, CSIC, LIP

# Future activities

## EGI-ENGAGE



- The EGI project proposal under preparation for the H2020 EINFRA-1 (6) call
- To support the evolution of the EGI services and the operation of the infrastructure

- Communications, champions, events (EGI, community-specific, NGI-specific)
- Strategy, policy and business development (see survey)
  - Strategy and sustainability
  - Policy development (liaise with EC)
  - Pay per use
  - IT service management
  - Compendium

- AAI
- Permanent ID infrastructure
- Market place
  - Business model
  - Pay per use

- Operations and technology coordination
- Development of security operations
  - cloud security
  - gathering of AAI policy and requirements
- Cloud platform operations → integration of new PaaS and SaaS

- Competence Centres
- Technical User support (NGI and EGI.eu)
- Training (coordinated with EUDAT, TBD: PRACE)
  - Includes security training (development of material), DCC training programme

- (in collaboration with EUDAT, GEANT – under discussion)
  - Federated Open Data Solution
    - Federated European community-cloud IaaS
    - Federated open data services on cloud
    - EGI-EUDAT Service, policy and operations harmonization
  - Data Accounting
  - Collaboration with OpenAIRE (TBD)



- Evolution of all (or part of) the EGI Operational tools to meet the requirements of the resource providers and the user communities
- Operations Portal, GOCDB, ARGO, resource allocation/e-Grant, VO operations, resource allocation with e-GRANT, accounting, application DB
- Security monitoring

# Future activities

Open data

- Develop a **Federated Open Data Solution**
  - Integrated with a federated community-cloud IaaS
  - Co-locating and federating open data and higher-level services on cloud
  - Including EUDAT capabilities and long-term data preservation services
  - Certification of data archives
  - Data Accounting
  - Collaboration with RDA
  - Open data value chain, SMEs and Industry

# Future activities

Contributions to cloud EINFRA  
project proposals

- Extend through other projects the current EGI federated cloud capabilities to meet the needs of existing and prospective user communities
- Ensure new user requirements can be catered for during the course of the project
- Ensure integration with EGI infrastructure
  - Integration of the services with EGI operations framework
  - Support through EGI Helpdesk
  - Support for vulnerabilities
- Ensure sustainability of project outputs

- Requirements gathering and analysis
  - From user communities in the project and new user communities
  - From service providers
- Contribute to the design, architecture and technical specifications of the services to be developed to ensure the integration and deployability of services in the EGI federated cloud
- Software integration of the project services with the virtual research environment of prospective user communities
- Implementation of open calls and pilots, organization of workshops and hackatons with user communities
- Training
- Sustainability of developed software, development of SLA schemes, business models, commercial exploitation

# Future activities

Partnership and collaborations

- GEANT
  - Common vision on joint activities in the respective follow up projects
  - Towards an European Marketplace of services for research and education
  - Joint session at the EGI Workshop of September
- PRACE and EUDAT
  - Currently collaborations for the ops tools, plans for extensions
- EU-T0
  - Long term collaborations with IN2P3, STFC and INFN
    - E.g. in the DataCloud project



# Questions

