

(Present and) Future of the EGI Services for WLCG

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- Provide the status of the core services
 - Future support and developments
- Understand how the EGI services can evolve following the WLCG requirements
- Suggest collaboration for the Cloud services



And more:

- Policy development
- Documentation development
- dteamVO
- Coordination of software retirement



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OMB approved the following minimum thresholds for the services provided to the infrastructure:

- Helpdesk
 - Response time in 1 hour for the 1st level of support
- GGUS
 - 96% availability
- GOCDB
 - 96% availability
- Accounting, repository and portal
 - 96% availability
 - Messaging brokers 92% availability
- Operations portal
 - 96% availability
- UMD repositories
 - 87% availability
- Security coordination
 - Response time: 1 working day to 5 working days for low priority

- The operations and maintenance of the services is supported through the **EGI fees** and the contributions of the partners providing the services.
 - With the targets specified earlier
- Adding **new capabilities** needs to be supported by additional funds, for example through dedicated **projects**

EGI-Engage focuses mostly on the support for new communities, but there are developments for the Ops.Tools in the DoW:

- Accounting
 - Data accounting, data access and data transfers
 - Storage accounting to be extended
 - Cloud accounting
- GOCDB
 - Extend business rules support to be flexible and implement requirements from different infrastructures
 - Extend data model to support new resource types
 - Extend user interfaces
- Operations Portal
 - Implementation of the most important gstat features
 - Extension of the VO management tools
- Extensions planned also for Security Monitoring and SAM/ARGO

- EGI Marketplace and Service Registry
 - The Service Registry will record the list of all the services EGI Engage offered by EGI and will be available for consultation
 - The Marketplace will allow customers to acquire services through a payment or for free, through SLAs with service provider

- Cloud platforms projects
 - Extending the operations tools used in the cloud for the support of PaaS on top of IaaS
 - Development of cloud services PaaS/SaaS to be offered also through EGI federated cloud
- Data preservation
 - Services to support data preservation on demand, including cloud resources on-demand
- In collaboration with ELIXIR
 - Extension of the EGI Application Database to publish and discover datasets

- Specific requirements/extensions can be agreed and developed within specific targeted small projects.
Examples could be:
 - Specific views/customization to be exposed to the users of user communities/infrastructures.
 - Better targets for the Service Level
 - New features to fulfill specific requirements
- Some of the requirements can fit in the development plans of the product teams
 - High priority ones, demanding, or very specific will have to be funded with other means

- Assess/Collect emerging requirements from WLCG
 - Requirements gathering activities dedicated to WLCG
 - Participation to OTAG meetings dedicated to specific Ops tools and development
- Opportunity of further collaborations between EGI and WLCG to define and prioritize the requirements
 - Understand what can fit in the EGI funding scheme and what requires external funds
 - Requirements for the technical services (e.g. accounting)
 - Requirements for the human services (e.g. helpdesk or staged rollout)

- EGI cloud federation in production → To be evolved into a use-case-driven cloud federation
 - Starting from the use cases to define the federation capabilities
 - Integration with the Operational tools
 - Security coordination of cloud service
 - Evolution of the AAI mechanisms
- Integration of cloud services with the EGI's operational fabric
 - Monitoring
 - Accounting
 - Support for X509 (with OCCI)
 - Integration in GOCDB and BDII
- This integration can be beneficial in particular for user communities who are already using the EGI infrastructure
- Discuss common use cases/requirements to leverage on the work done by both EGI and WLCG
 - E.g. data services (preservation, open data..), cloud broker..

- EGI services will continue to be provided and to evolve to fulfill the requirements of the users communities
- Collaboration opportunities for WLCG and EGI
 - Operations activities
 - Operations tools
 - Cloud
 - Other?
- Dedicated workshop with WLCG?