



Monitoring | Messaging | A/R

in EGI-ENGAGE

A brief history

- 2013: Started the collaboration between CNRS, GRNET and SRCE
 - EGI-InSPIRE TSA4.10
- 2014: Continued the collaboration
 - EGI.eu Core Bid for SAM/ARGO
 - EGI-InSPIRE JRA2.1

EGI-Engage WP3: e-Infrastructure Commons

- Subtask of JRA1.4 Ops Tools
 - Operations Portal
 - GOCDB
 - Monitoring
 - Messaging
 - Security Monitoring

ARGO Monitoring Availability and Reliability

- modularise the Core Monitoring Engine,
- monitoring availability & reliability as a Cloud Service
- clean interfaces for end-users, operations and developers



ARGO Monitoring Availability and Reliability

- Support for federated logins
- Improve the ARGO SW architecture to make easier and faster updates and developments
- Extending monitoring capabilities by developing new probes for monitoring cloud resources;
- Improvements in test/probe management enabling easier deployment/upgrades of new probes;
- Support multiple authentication methods allowing to associate different authentication mechanism to each test;
- Improvements in communication protocols between different ARGO components to be ready to manage bigger workloads.



ARGO Messaging

- Restful HTTP API as a layer on top of the existing Message Broker Network.
- The change will be backwards compatible, as the operation of the STOMP interfaces for direct usage of the Message Broker Network will be continued.
- Implementation of access controls and message accounting (in progress)



ARGO Production Rollout

ID	Task	Start	End	Status
1	Validation of ARGO against ACE	Feb	Mar	In progress
2	Deployment of new POEM Service	Jan	Mar	In progress
3	Deployment of new ATP Service	Jan	Mar	In progress
4	Rollout of new ARGO Monitoring Engine Centrally OR Rollout of new ARGO Monitoring Engine to NGIs	April	June / September	
5	Rollout of new ARGO A/R release	Mar	Apr	
6	Switch over to ARGO for the distribution of the A/R Results	April	April	
7	Decommission of SAM Central	April	May	

