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Federation management solutions - Latest achievements and technical roadmaps

Thursday, 22 June 2023 15:15 (1h 30m)

This session will present the status and technical roadmaps of the 'Federation management solutions'that the EGI federation relies on to integrate distributed resources and services into a Pan-European and Global infrastructure.

The session will include short talks that present the recently added new functionalities of these solutions, and their future development plans for the coming years.

The portfolio of EGI 'Federation management solutions'include:

Accounting Repository and Accounting portal to collect HTC, Cloud, and Storage records and display them with different types of aggregation

A Configuration Database (GOCDB) storing the EGI Infrastructure topology information

A Messaging Service powered by ARGO Messaging Service (AMS), a real-time messaging service that allows users to send and receive messages between independent applications.

A Monitoring Service, based on ARGO, to check the status of the EGI Infrastructure and create performance reports

An Helpdesk Service based on GGUS to record incidents and service requests and to perform support activity to users and providers

An Operations Portal for supporting the operations and coordination of the EGI Infrastructure.

A Software Provisioning Infrastructure providing quality verified middleware to the EGI federated providers.

A Security Coordination service managing and carrying on activities concerning EGI Infrastructure policies, Software Vulnerabilities, and security incidents handling.