

# Accounting

Core Infrastructure and Collaborative Services TCB

2017-11-27

Adrian Coveney, STFC

# Integration with EUDAT Services

- Enable EUDAT to send summarized accounting data from the EUDAT accounting collector to the Accounting Repository to have it displayed in the Accounting Portal
- Custom views for EUDAT should be developed in the Accounting Portal
- Deployment of a single Accounting Repository for EGI/EUDAT
- Adopt/integrate a common user interface

# Dataset and Cloud

- Dataset accounting into production and interoperable with EUDAT services
- Enhancing Cloud Accounting
  - New usage record for public IP
  - New usage record for Block Storage
- GPGPU Accounting
  - Create a prototype system for cloud based GPGPUs

# Storage and Usability

- Storage accounting
  - Implement a summary record format to Improve the efficiency of communication between Repository and Portal
  - Add view in the Accounting Portal
  - Enable interoperability with the WLCG storage usage format
- Improve the usability of the Accounting Portal

# AMS and Proactive Maintenance

- Enable the use of the Argo Messaging System for communication
- Proactive maintenance activities, such as:
  - Simplifying the service
  - Improving Portal update frequency
  - Enhancing the monitoring of the Accounting system so that users can more rapidly assess and diagnose issues with their publishing of accounting data

