www.egi.eu
@EGI_eInfra

EOS integration status

Alessandro Paolini

EGI Foundation

EOS – Open Storage

- **EOS** is an open-source storage software solution to manage multi PB storage for the CERN Large Hadron Collidor LHC

- Core of the implementation is the XRootD framework providing a feature-rich remote access protocol.

- Request for integration in EGI:
  - https://ggus.eu/index.php?mode=ticket_info&ticket_id=154335

Integration of new technology

PROC19

- Integration steps for the new technology:
  - Underpinning Agreement
  - Configuration management
  - Information System
  - Monitoring
  - Operations (ROD) Dashboard
  - Support
  - Accounting
  - UMD
  - Documentation
  - Security

- Underpinning Agreement
  - Using the [EGI Corporate-level Technology Provider UA](#)
- Configuration management (GOCDB)
  - The EOS endpoints can be registered associated to Xrootd and webdav service types
- UMD:
  - Last week EOS was released in [UMD 4.15.1](#)
- Security:
  - Security questionnaire sent to EGI CSIRT
  - No particular remarks

- Accounting:
  - To verify if what already implemented for WLCG accounting is enough
- Information System:
  - info-provider available yet
  - GLUE2 information only
- Monitoring:
  - The XrootD probes need to be included in ARGO
  - Webdav probes already included
- Operations Dashboard:
  - To set the operations test once the xrootd probes are in production
- Support:
  - GGUS SU needs to be created
  - QoS level: Medium
- Documentation

EGI: Advanced Computing for Research

**Thank you
for your attention.**

Questions?

www.egi.eu
@EGI_eInfra