



Science and
Technology
Facilities Council

GOCDDB and INFRAEOSC, Discussion

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GOCDDB and INFRAEOSC

- Ambitious bid to future proof GOCDDB
- Split into EGI related activities and EOSC related activities

EGI

1. Integrating portal and API with EGI Check-In and WLCG IAM via OIDC
2. Simplify move from X.509 for users by linking new credentials to existing accounts
3. Evolving the database abstraction layer to allow large scale use of the Write API
4. Further support this use case with more resilient architecture that allows write access to data in the event of outages of a GOCDDB instance.

EOSC

1. Integrating portal and API with future EOSC AAI solution via OIDC
2. To support the increase of service endpoints, data stored and transactions the EOSC will bring, replace our “homebrew” Model-View-Controller layer with modern framework

EGI's Best, Medium and Worst Cases?

Proposed Work

1. Integrating with WLCG IAM and EGI Check-In via OIDC
2. Linking user accounts across IdPs
3. Allowing large scale use of the API
4. More resilient architecture

EGI financial modelling

Best case: 1-4

Medium case: 1 and 3*

Worst case: Operations only+

* WLCG use case potentially opportunistic resources writing data to GOCDB?

+ WLCG will need integration with tokens over the next few years, but *could* delay into follow on to INFRAEOSC if needed as GOCDB users *can* continue to use certificates.

Thoughts? Questions?