EUDAT position to EOSC

EOSC Symposium 2022 - EOSC ecosystem sessions - Use cases demonstrating the added value of EOSC

Themis Zamani
GRNET, EUDAT, DICE
DICE in a nutshell

Consortium: 24 Partners
Coordinator: CINECA

Grant Agreement: 101017207
Call: INFRAEOSC-07-2020

Enable a European storage
and data management infrastructure for EOSC
Provide generic services to store, find, access,
and process data in a consistent and persistent way

30 months
(1 Jan 2021 – 30 Jun 2023)

Budget: € 6,997,706,66

18 providers from 11 European countries are offering
14 state-of-the-art data management services
together with more than 50 PB of storage capacity
Have you visited the Marketplace?

Did you try to log in?

Do you have a question about B2 Services?

Have you tried to make an order?
EOSC is an environment for hosting and processing research data to support EU science

**EOSC-Core**
A set of services providing the means to discover, share, access and re-use data and services.

**EOSC-Exchange**
A set of services complementing the EOSC-Core that store and exploit FAIR data encouraging its reuse.

**EOSC-Interoperability Framework**
A generic framework that can be used by all the entities participating in the development and deployment of EOSC, providing a common understanding of the requirements.
A set of services providing the means to discover, share, access and re-use data and services.
EUDAT is offering to research communities and researchers a set of integrated services for data management. The EUDAT services address needs at different stages of research data lifecycle.
EUDAT CDI Operational & Collaboration Tools

**Operational**

**DPMT**
Registering the corresponding Provider & the service details

**Monitoring**
Collecting monitoring metric data.

**Accounting**
Receiving accounting data from the service.

**Helpdesk**
Connect with the EUDAT Helpdesk to support the users.

**B2ACCESS**
Connect with B2ACCESS to enable users authentication and authorisation.

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**Collaboration**

**AMS**
A messaging Service for all

**GITLAB**
Support full software development cycle

**SVMON**
Version monitoring

**Mattermost**
Platform for communication, collaboration, workflow orchestration across tools & teams
EUDAT CDI Operational & Collaboration Tools

**Operational**

**DPMT**
Registering the corresponding Provider & the service details

**Monitoring**
- Connect with the EUDAT Helpdesk to support the users.

**B2ACCESS**
Connect with B2ACCESS to enable users authentication and authorisation.

**Collaboration**
- Platform for communication, collaboration, workflow orchestration across tools & teams

**AMS**
- Offering a Service for all software development cycle

**Other Tools**
- Version monitoring
- Platform for communication, collaboration, workflow orchestration across tools & teams

**Our Integration Path to EOSC**

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**EUDAT in EOSC**

**EOSC-Core**
A set of services providing the means to discover, share, access and re-use data and services.

**INTEGRATED**

**EOSC-Exchange**
A set of services complementing the EOSC-Core that store and exploit FAIR data encouraging its reuse.

**EOSC-Interoperability Framework**
A generic framework that can be used by all the entities participating in the development and deployment of EOSC, providing a common understanding of the requirements.

**FOLLOWED THE REQUIREMENTS**

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**our position, what we did**
EUDAT in EOSC

EOSC AAI Federation

Resource catalogue (EOSC Exchange)

- Research Product Catalogue
- Service catalogue

Accounting for Products
Accounting for Services

Monitoring
Helpdesk
Order management

AAI Proxy

Data Source

Integrated
Testing
Waiting

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The Service Portfolio Management Tool (AGORA) is a tool aimed at facilitating service management in IT service provision. It represents a complete list of the services managed by a service provider. Its main features are:

- Easy to use
- **Adopted and implemented** EOSC Profiles v4.0 specification.
- **Integrated** to EOSC
  - Advertise the EUDAT services one click! **Reach** a wider user base
  - Allows to **curate** EUDAT services independently

[https://sp.eudat.eu](https://sp.eudat.eu)
B2ACCESS

B2ACCESS is a federated cross-infrastructure authorisation and authentication proxy for user identification and community-defined access control enforcement.

- **Follows** the technical specifications and interoperability guidelines for the AAI
- **Part of the EOSC AAI**
- **Supports** a number of communities
- **Compliant** to the AARC Blueprint and REFEDS Sirtfi

https://b2access.eudat.eu
EUDAT Helpdesk

EUDAT Helpdesk is a communication resource that serves as a communication channel for support and problem resolution. It manages possible incidents related with EUDAT/DICE specific services, transferring them to the appropriate support team.

https://helpdesk.eudat.eu/
A Service that monitors the services by emulating typical user scenarios which allows them to infer the quality of service the actual user gets. The result:

* Availability / Reliability Report
* Status Report
* Alerts

Ready to connect to EOSC Monitoring

Guidelines just released

https://avail.eudat.eu/
User journey via the EUDAT integration in EOSC

Search → Find a service → LOGIN via B2ACCESS → Make an order

Ask about a B2 Service

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EUDAT Services in EOSC

Have you visited the Marketplace?

Did you know that you can login via B2ACCESS?

Do you have a question about B2 Services?

Did you tried to make an order?
Thank you

Themis Zamani
GRNET / EUDAT / DICE

JOIN OUR COMMUNITY

DICEosc
/company/diceosc