IDEM Updates

Mario Di Lorenzo, GARR

Brighton, 13/06/2025
50th REFEDS Meeting @ TNC25

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Federation Status

IDEM Federation Entities

136 | 161

■ IDP ■ SP
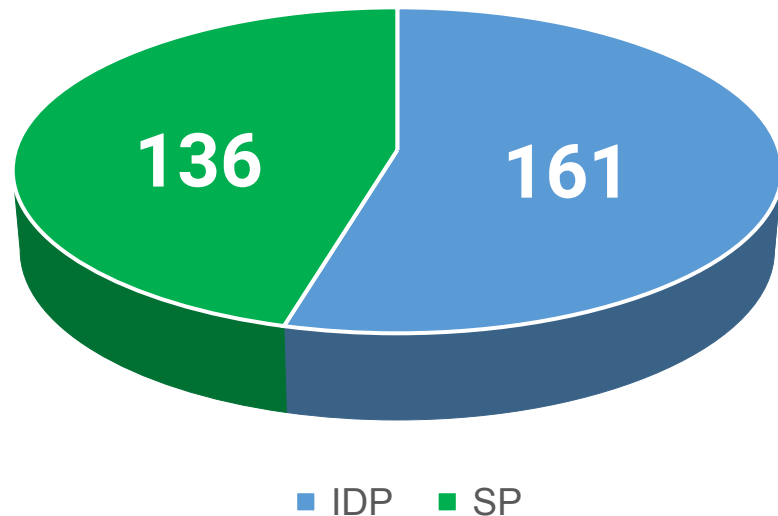
Jan 2024 – May 2025:

+8 Identity Providers

+23 Service Providers, including:
- Digital Education Hub
- University Alliances
- Publishers
- Proxies

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Digital Education Hub

📌 Funded by the National Recovery and Resilience Plan (PNRR)

🎯 Promote the digital transformation of universities and AFAM (Art, Music, and Dance Higher Education Institutes) by integrating innovative educational technologies, online teaching, and micro-credentials.
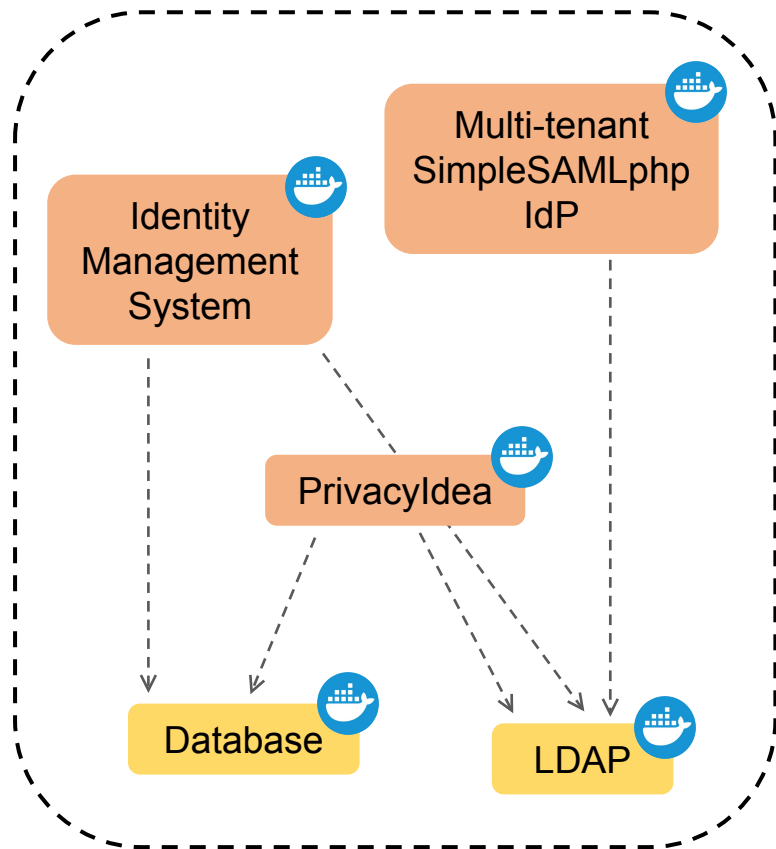
✔ Key Benefits:

- More flexible and accessible learning
- Innovation in teaching methods
- Strong collaboration between institutions

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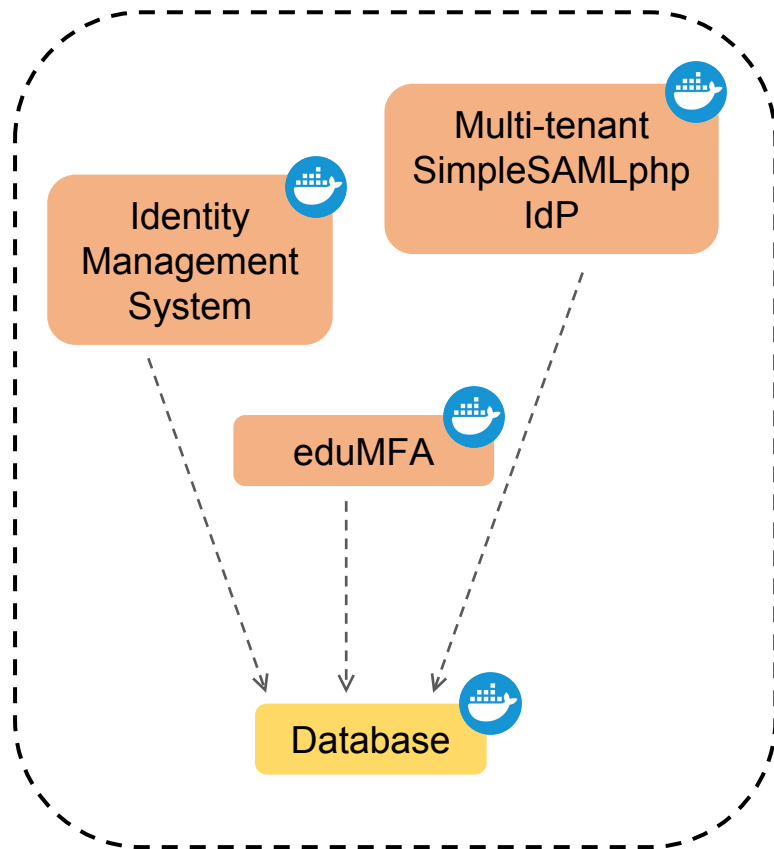GARR

Digital Education Hub and eduID.it
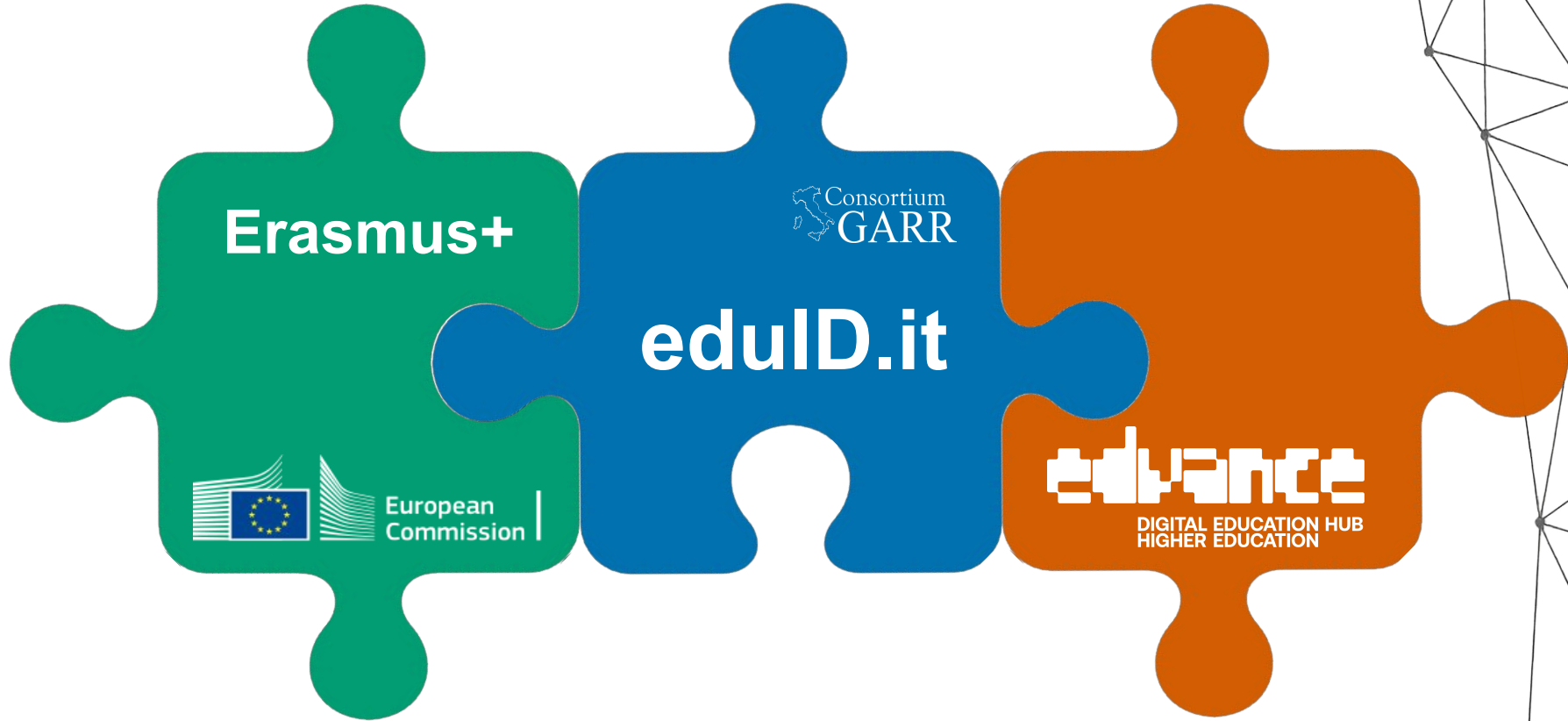
IdP in the Cloud

Stats:
- 48 organizations
- 1447 users

Actual implementation:
- Multi-tenant Identity Provider based on simpleSAMLphp v.1.19
- MFA with PrivacyIDEA
- 2 sources of data:
  - LDAP server
  - MariaDB database

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IdP in the Cloud

What we want to achieve:
- Multi-tenant Identity Provider based on simpleSAMLphp v.2.x
- MFA with eduMFA
- Single sources of data, MariaDB database, for all components

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But Wait, There's More!

- New guide to install and configure a Shibboleth Identity Provider using Ansible:
https://github.com/ConsortiumGARR/ansible-shibboleth-idp-garr

- IDEM Conf - Configuration files for Shibboleth and SimpleSAMLphp IdPs: https://conf.idem.garr.it/

- Update IDEM Demo Service Provider for attribute release verification – now compatible with REFEDS MFA Profile:
https://sp-demo.idem.garr.it/
  - Base SP docker image available soon!

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What's next?

- Regulation for proxies joining the IDEM Federation

  Example: Key requirements for SPID proxy registration
    1. Service declaration to the central authority (AgID)
    2. Per-service privacy policies
    3. Change notifications

- OpenID Federation

- Support for the EOSC Italian Node AAI implementation

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Thank you

Mario Di Lorenzo <mario.dilorenzo@garr.it>