WP6 updates

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WP6 Objectives

Provide enabling recommendations for the federated/distributed service provisioning of the ESCD and SCS

Tasks:

•   T6.1: AAI recommendations for effective service provisioning in the ESDC and interoperability with existing e-infrastructures
•   T6.2: recommendations for the operational architecture for the support of the ESDC network
•   T6.3: recommendations for the tools and services that enable the federation

Milestones:
•   Recomendations on AAI architecture (PM24)
•   Federated AAI proof of concept results (PM36)
•   SRC federated service management recommendations (PM36)

Work status

- Contributions from all partners (INAF GEANT LTD EGI.eu GRNET FOM)
- Some staff turnover, but no gaps
- Monthly WP6 calls for status and work updates

T6.1 Status

- Federated AAI/FIM Information gathering
    - Survey: General unawareness of federated AAI. Many user tools not allowing SSO
    - Other WPs and scientific tools AAI requirements.   Current levels of integration, supported AAI methods and protocols

- ASTRON agreed to work on integrating federated AAI into their collaboration tools

- Work progressing investigating SCZ integration with EGI CheckIn as an SP proxy

- Next steps: Integration of collaborative tools with EGI CheckIn and (where possible) scientific applications

INAF 6.1 Work

INAF is testing and evaluating AAI technologies from the **AARC Blueprint Architecture (BPA)** regarding the following aspects:
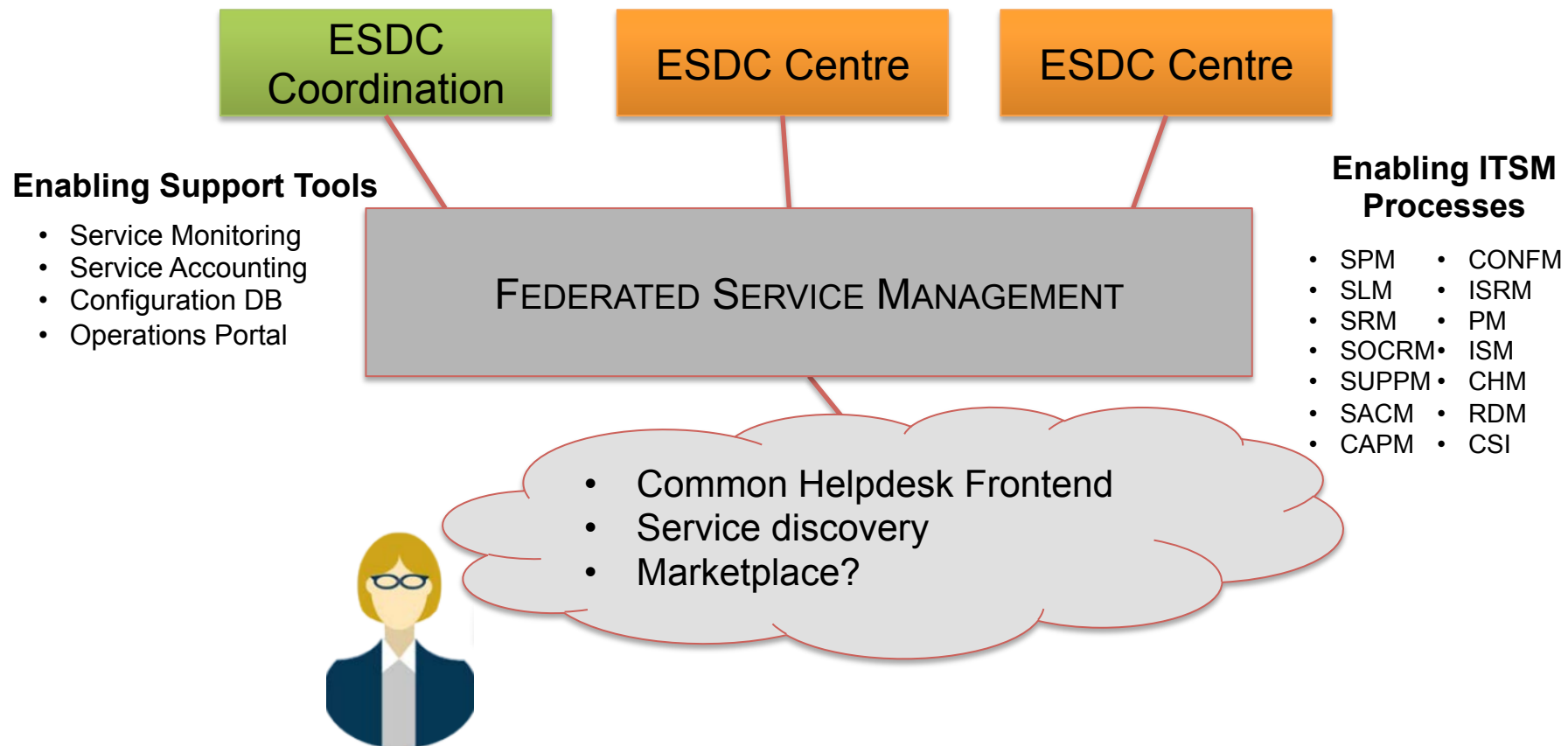
- User Identity: services providing digital identities of users;
- User Attribute Services: to manage and provide information (attributes) about users;
- Authorization: based on group memberships and/or roles;
- Identity Access Management: to define policies between the internal services/resources and external services/resources.

AARC Blueprint Architecture
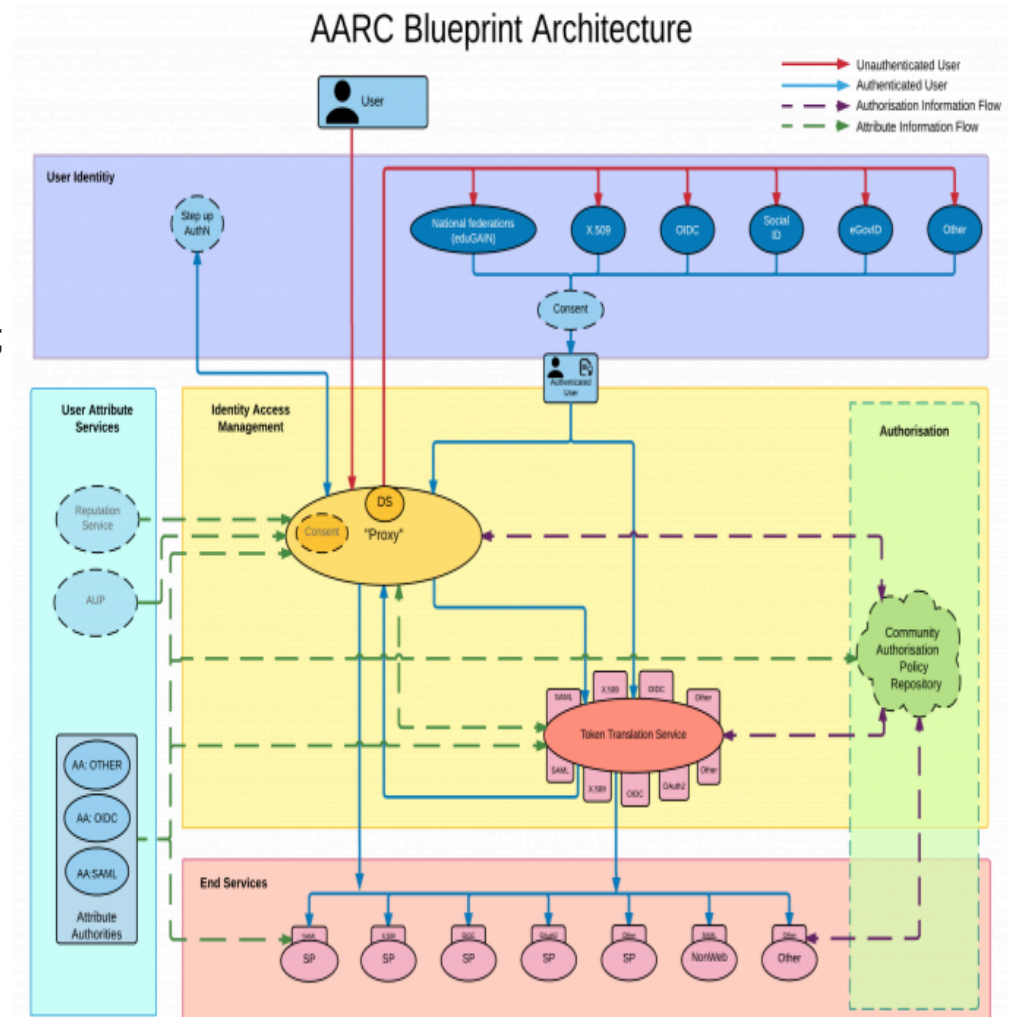
INAF 6.1 Work

- INAF is working on an Interoperable AAI based on IVOA standards in collaboration with CADC;
- INAF is studying a federated Authentication and Authorization service for Astronomical Data centers;
- INAF is working with SKO to verify the status of AAI approach and the compatibility with reference standards proposed by IVOA and other European projects;
- INAF is studying the integration with HPC and HPDA resources with the available AAI federations.
- Next:

T6.2/3 Federated Operations

ESDC Coordination

ESDC Centre

ESDC Centre

Enabling Support Tools

- Service Monitoring
- Service Accounting
- Configuration DB
- Operations Portal

FEDERATED SERVICE MANAGEMENT

Enabling ITSM Processes

- SPM
- SLM
- SRM
- SOCRM
- SUPPM
- SACM
- CAPM

- CONFM
- ISRM
- PM
- ISM
- CHM
- RDM
- CSI

- Common Helpdesk Frontend
- Service discovery
- Marketplace?

T6.2/3 and EOSC-hub

Potential to leverage work from EOSC-hub WP4 Federated Service Management

- Implementing ITSM best practices across EOSC
- Coordinating federated operations of Service Providers
- New Integrated Management System - varying levels of integration for different processes/services
- Common frontends (marketplace, helpdesk)

Thank you

Questions?