

EGI-Engage JRA1.1 Authentication and Authorization Infrastructure

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- Explore approaches to **easier safe management of user credentials**
- Identify possibilities and requirements for user authentication against both **web and non web-based applications**.
- Identify **user registration and management requirements** from a VO perspective. **Engage with the CCs**, capture workflows and develop solution prototypes.
- **Explore current technical possibilities** and the usability of existing infrastructures covering identity management
- Develop **authentication solutions for use cases**
- Investigate **alternative identity-vetting approaches** to current practices
- **Liaise with other projects** focusing on AAI to share know-how and best practices.

Authentication and Authorisation Infrastructure

Task	JRA1.1
Start	M3 (May)
End	M27
Total PMs	24.5

“Provide viable methods for authentication and authorisation (AA) in the EGI ecosystem, addressing current shortcomings”

Partner	EGI.eu	CESNET	GRNET	NIKHEF	STFC
PM	7.5	4	7	4	2

Month	Milestone - Deliverable	Title
M16 Aug-2016	M3.4	Pilot services and best practices to enable federated AAI solutions released
M24 Feb-2017	D3.9	Identity Management for Distributed User Communities report

- **Identification of and liaison with stakeholders**
 - Organized session at the EGI Conference in Lisbon
 - Communication channel with CCs
 - Liaison with other projects (AAI related)
 - AARC: Licia Florio
 - EUDAT2020: Willem Elbers, Johannes Reetz
 - GN4: Ann Harding
 - PRACE: Jules Wolfrat
 - eduGAIN: Brook Schofield
- 6 Tools were identified for the initial EGI AAI pilot:
 - GOCDB, AppDB, ARGO, GOCDB, Accounting Portal, FedCloud

- **Requirements capturing**
 - Analyzed the FIM4R requirements
 - Identification of initial set of requirements for the EGI AAI
 - Collaboration with the CCs in order to identify community requirements
 - Provided input to AARC for the EGI requirements
 - Started work on technical guidelines
 - Work is on-going

#	Task name	Start date	Release date
1.1	Identification of and liaison with stakeholders <ul style="list-style-type: none"> • WP3 F2F and EGI Conference ✓ • Liaise with AARC ✓ • Connections with GN4, EUDAT2020 and PRACE ✓ • Identification of initial set of tools ✓ 	05/2015 (PM3)	06/2015 (PM4)
1.2	Requirements capturing <ul style="list-style-type: none"> • Use FIM4R as the starting point and align with AARC DJRA1.1 ✓ • Identify the most important use cases (CC) ✓ • Technical guidelines for enabling federated access in the initial set of tools 	05/2015 (PM3)	08/2015 (PM6)
1.3	Technical architecture and pilot implementation <u>Phase 1:</u> <ul style="list-style-type: none"> • Which AA services are needed • Collaboration with the AAI pilot and the user portal activity for the LTOS • Pilot: Connection of the first set of EGI tools to the EGI IdP proxy <u>Phase 2:</u> <ul style="list-style-type: none"> • Expansion to EGI Tools and selected CCs • Interaction with SA2 (Training & User support) <u>Phase 3:</u> <ul style="list-style-type: none"> • Technology reassessment • Pilot services and best practices to enable federated AAI solutions released <u>Phase 4:</u> <ul style="list-style-type: none"> • Architecture and solution for the production EGI AAI services • Identity Management for Distributed User Communities report 	09/2015 (PM7)	12/2015 (PM10) 04/2016 (PM14) 07/2016 (PM17) 02/2017 (PM24)

Thank you for your attention.

Questions?



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