Pilots on the Integrated R&E AAI
An overview of the “SA1” activities

Paul van Dijk, Activity Lead Pilots (SA1)

AARC Kick-Off Meeting
June 2015
AARC Work Packages

NA1
Overall Management

JRA1
To research on technologies to deliver the design of the integrated AAI

SA1
To pilot key components of the integrated AAI

NA2
To train, disseminate and reach out

NA3
To define scalable policies and operational models for the integrated AAI

Liaison with other relevant user communities, e-Infrastructures and international relevant AAI activities
Current AAI landscape

Nat’l AuthN ✔️ ....many successful national implementations

“Guest” access X/✔️ .....some ad-hoc solutions, not standardized, LoA??

Int’l AuthN X/✔️ .....framework available but needs optimization

Attribute management for AuthZ X/✔️ .....available in some communities, others just started

Non-web SSO X.....a huge challenge, royal route or workarounds??

However, many components available to improve current practice

status – need overview, architecture and PoC/Pilots/Demo’s of components to determine: for which use case?, compatible with?, maturity?, suitability? When do components fit together, when not?
Goals/Approaches Pilots (SA1)

• Demonstrate that the solutions identified and proposed by JRA1 and NA3 are effective in addressing the requirements of the communities

• Proof of concepts will involve services from the main e-infrastructures in Europe

• Show to what extent different technologies used by the e-infrastructures and service providers are compatible and interchangeable

• (Re-)using not building
Task 1: Pilots of solutions for “guest” users

Lead: GARR - Mario Reale, Barbara Monticini, Lalla Montovani

- Lower barriers for entry of organisations not already participating in identity federations
- Showcase viable solutions whether commercially available or R&E community supported for guest access to shared resources
- Showcase ways to support scalable LoA for guest users
- Showcase AAI Approaches for research libraries
Task 2: Pilots of an attribute management framework

Lead: EGI - Peter Solagna

- Attribute management: identify tools and services that better support the registration and management of attributes by the research communities

- Attribute aggregation: multiple scenarios for attribute aggregation are expected to result from the attribute framework definition

- Attribute based authorisation: service providers will base authorisation on a combination of IdP and community provided attributes
Task3: Pilot to improve access to R&E relevant resources and services

Lead: PSNC - Maciej Brzeźniak, Michal Jankowski

• To provide AAI mechanisms to access (non-web) resources relevant for the R&E communities

• To pilot mechanisms identified in JRA1 to integrate services that are not yet accessible via the federated framework

• To pilot SSO access for commercial (cloud) services for research communities and consider both technical/architectural solutions (in collaboration with JRA1) and legal and policy aspects (in collaboration with NA3)
“PoC on cross sector SSO and attribute management”
Agenda – Planning the work ahead...

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<td>09:00-10:30</td>
<td><strong>Planning the work ahead: working sessions</strong>2. AARC architecture and pilots: finding dependencies and synergies, Christos Kanellopoulos and Paul Van Dijk3. Training and Outreach session, Alessandra Scicchitano</td>
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## Participation of partners per pilot task (tbd)

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<th>access to (non-web resources) (task3)</th>
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