



AEGIS group endorses AARC guidelines on membership information exchange

Licia Florio writes about the group's first achievement

The [AARC Engagement Group for Infrastructures \(AEGIS\)](#) brings together representatives from research communities and the AARC team to bridge communication gaps and make the most of common synergies. The group has now endorsed the [AARC guidelines on expressing group membership and role information](#). By agreeing to these guidelines, the group is providing practical support towards the wider uptake of AARC's interoperable federated access solutions.

The current members of AEGIS who endorsed the guidelines are from five e-infrastructures (EGI, EUD, ELIXIR and DARIAH).

Why do we need guidelines for group membership?

Information about group membership is commonly used by Service Providers (SP) to authorise user access to services. This information is managed by the user's home Identity Provider (IdP), research communities usually act as Attribute Authorities (AA), maintaining additional information about the users, VOs, as well as user roles. It is therefore necessary that all involved SPs and IdPs/AAs can interpret the following challenges need to be addressed:

- Standardising the way group membership information is expressed:
 - Syntactically: uniform formatting; for example, representing group membership as URN with the NSS portion
 - Semantically: common representation of equivalent concepts; for instance, "admin" and "manager"
- Indicating the entity that is authoritative for each piece of group membership information
- Expressing VO membership and role information
- Supporting group hierarchies in group membership information

The guidelines document endorsed by AEGIS agrees on a common way to exchange group membership information. Everyone uses the same concepts and formats.

The recommendations were defined based on experiences from multiple parties in the AARC project through the Service Activity 1 Pilots (SA1) attribute management pilot [AARC-SA1-AMP](#). Furthermore, representation scheme following these recommendations has already been adopted to enable cross between the EGI and the ELIXIR AAI.

Bi-directional channel

AEGIS provides a bi-directional channel so that AARC and the research- and e-infrastructures commu implementation aspects of the project. AEGIS in practice provides a mechanism to ensure that AARC that will need to deploy them. AEGIS helps participating infrastructures to understand the importanc uncover issues that may otherwise emerge during the deployment phase.



More information

Licia Florio is the coordinator of the AARC2 project.

[AARC website](#)

Issue 29

[Table of contents](#)

[PDF](#)

HOW TO REQUEST A SERVICE

[Discover the EGI services](#)

[Ask for more information](#)

[Browse the EGI Marketplace](#)

OTHER LINKS

[Subscribe to our newsletter](#)

[Legal information](#)

[Jobs](#)

[Intranet](#)

[Contact](#)

CERTIFICATIONS



More about the certifications

© 2018 EGI All Rights Reserved

