Hellenic Academic Libraries Link

HEAL LINK

Σύνδεσμος Ελληνικών Ακαδημαϊκών Βιβλιοθηκών

Authentication and Authorization Infrastructure AAI

Shibboleth.

HEAL-Link Federation

Higher Education & Research

Exhibit – 3

AAI Services (Base Package) and Dependencies

Base Package Services

The AAI Base Package covers central services necessary for running an AAI and is available to Home Organizations as well as all Resource Owners belonging to a Home Organization. It comprises the following tasks:

- Center of Competence
  - HEAL-Link Federation operates a test infrastructure to check new components and build up know-how it can share with other organizations as well as to provide a test Home Organization, Resource and WAYF-server, which organizations can use for testing their own installations.
  - Moreover, HEAL-Link Federation establishes regular contacts with the developers of Shibboleth in order to coordinate AAI issues and to introduce AAI-specific requirements.
- WAYF-Server
  - HEAL-Link Federation operates the central WAYF-server, a register of metadata describing the AAI Federation's authentication services used by Resources. In addition, HEAL-Link Federation is responsible for the coordination of all the WAYF-servers in the Federation operated by individual organizations.
- Strategy
  - HEAL-Link Federation is responsible for the well-coordinated further development of the AAI, in order to ensure that the Federation Members' changing requirements are met as much as possible, and that both existing and prospective Federation Members learn about the possibilities and advantages of the AAI.

Special services for individual organizations have to be ordered separately.

Obligations and Dependencies

Federation Members must meet the following requirements of the Services:

1. Home Organizations will install and operate the AAI elements and integrate them with their authentication systems and user directory.

2. Resource Owners will install and operate the AAI elements and integrate them with their resources.

3. Home Organizations collect a specified minimum set of attributes at the registration of end users according to the Federation's "Attributes Specification".

4. Home Organizations and Resource Owners will install and update new AAI software releases after reassuring, in cooperation with HEAL-Link federation, that the updated software is fully functional. HEAL-Link Federation will not be responsible for any problems regarding access to resources if the Federation members do not take the necessary steps to inform the Federation for the updates in due time.

5. Home Organizations inform HEAL-Link Federation about any changes of their metadata stored in HEAL-Link Federation's WAYF-server in due time.

6. Home Organizations indicate technical and administrative contact information to HEAL-Link Federation.

7. Resource Owners indicate technical and administrative contact information to HEAL-Link Federation.

8. HEAL-Link Federation takes the necessary steps to ensure seamless operation of the services under its control, monitors service availability and operates a helpdesk for Federation Members to report operational problems. Outages due to planned maintenance operations will be announced in advance.

9. HEAL-Link Federation informs AAI Participants of bug fixes, security updates and upgrades of AAI components and coordinates efforts to keep the AAI operational and secure.

10. Federation Members use server certificates provided by an accredited-by the Federation-CA for all their AAI elements.

This Document is based on the corresponding documents of **JISC (UK federated access management)** and **SWITCHaai (Authentication and Authorization Infrastructure AAI Federation, Switzerland).**