



The Swiss Education & Research Network

AAI – Authentication and Authorization Infrastructure

Exhibit 2 AAI Services (Base Package) and Dependencies

Document management

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1. Service Description AAI Base Package

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:

1. Center of Competence

SWITCH 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 as a counterpart for testing their own installations.

SWITCH organizes information events, creates deployment guides and generally furthers the know-how transfer among the AAI Members.

SWITCH coordinates both the Advisory and the Operations Committee.

Moreover, SWITCH establishes regular contacts with the developers of Shibboleth in order to coordinate AAI issues and to introduce AAI-specific requirements.

2. WAYF-Server

SWITCH operates the central WAYF-server, a register of meta-data describing the AAI Federation's authentication services used by Resources. In addition, SWITCH is responsible for the coordination of all the WAYF-servers in the Federation operated by individual organizations.

3. AAI Tools

SWITCH develops and implements special AAI tools that facilitate the integration of resources such as AAI Proxy or AAI Portal, or enable an efficient operation of the AAI components such as a resource registry.

4. Strategy and Marketing

SWITCH is responsible for the strategic, well-coordinated further development of the AAI as well as adequate AAI marketing initiatives, both nationally and internationally, in order to ensure that the AAI Members' changing requirements are met as much as possible, and that both existing and prospective AAI Members learn about the possibilities and advantages of the AAI.

Special services for individual organizations have to be ordered separately.

2. Obligations and Dependencies of Federation Members

The following requirements must be met by the Federation Members for the proper functioning 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 (see "Authorization Attribute Specification", version 1.1 of January 15, 2004).
4. Home Organizations and Resource Owners will install and update new AAI software releases according to the agreed schedule maintained by the Operations Committee.

5. SWITCH provides a software repository covering all AAI components that are available for Federation Members.
6. Home Organizations inform SWITCH about any changes of their meta-data stored in SWITCH's WAYF-server in due time.
7. Home Organizations indicate technical and administrative contact information to SWITCH.
8. Resource Owners indicate technical and administrative contact information to SWITCH.
9. SWITCH 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 and should be restricted to maintenance windows previously agreed by the Operations Committee.
10. SWITCH informs AAI Participants of bug fixes, security updates and upgrades of AAI components and coordinates efforts to keep the AAI operational and secure.
11. Federation Members use server certificates provided by an accredited CA for all their AAI elements.