

***Innovation and Knowledge Management towards
eStudent Information System – iKnow***

***Security and interface to other internal
systems***

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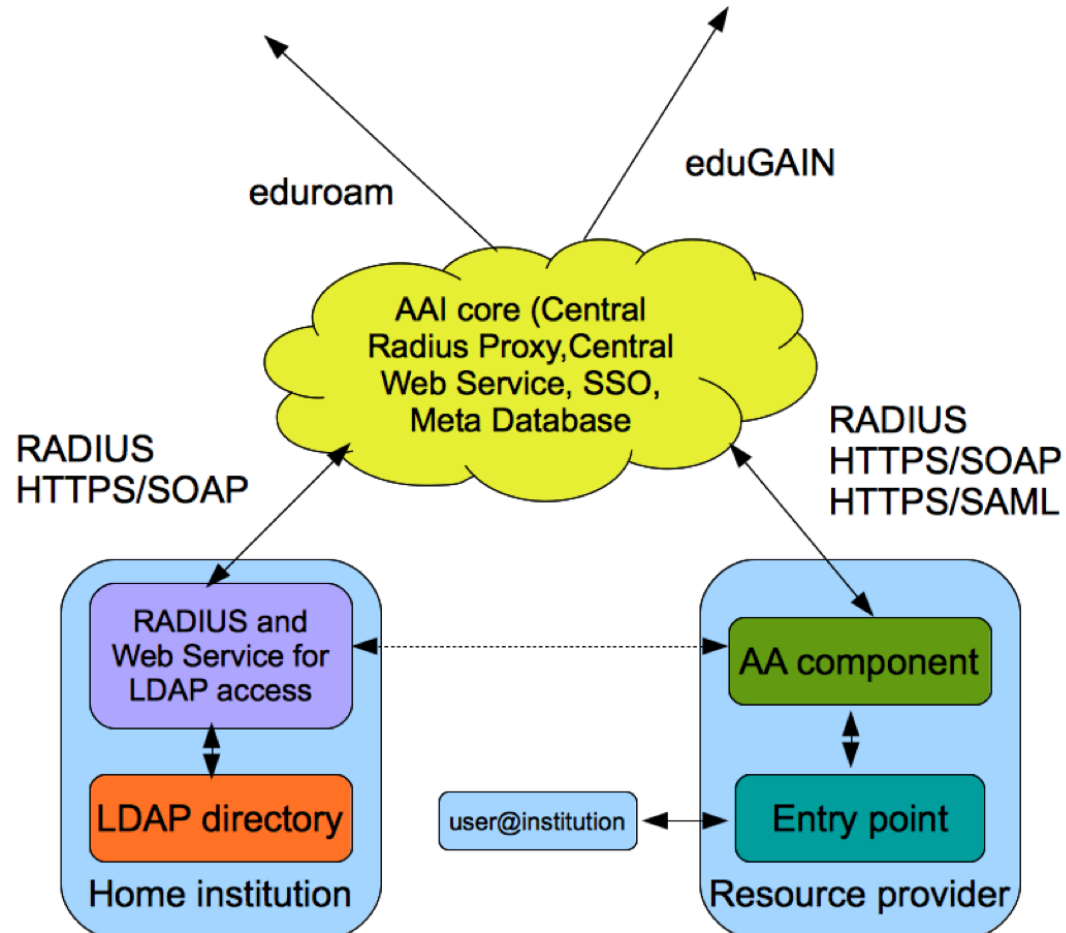
Elements

- Authentication and authorization infrastructure
- Interface to presence and access control
- Interface to e-mail and other communication systems
- Interface to learning management systems
- Interface to e-Library systems
- Interface to finance systems
- Interface to human resource management systems

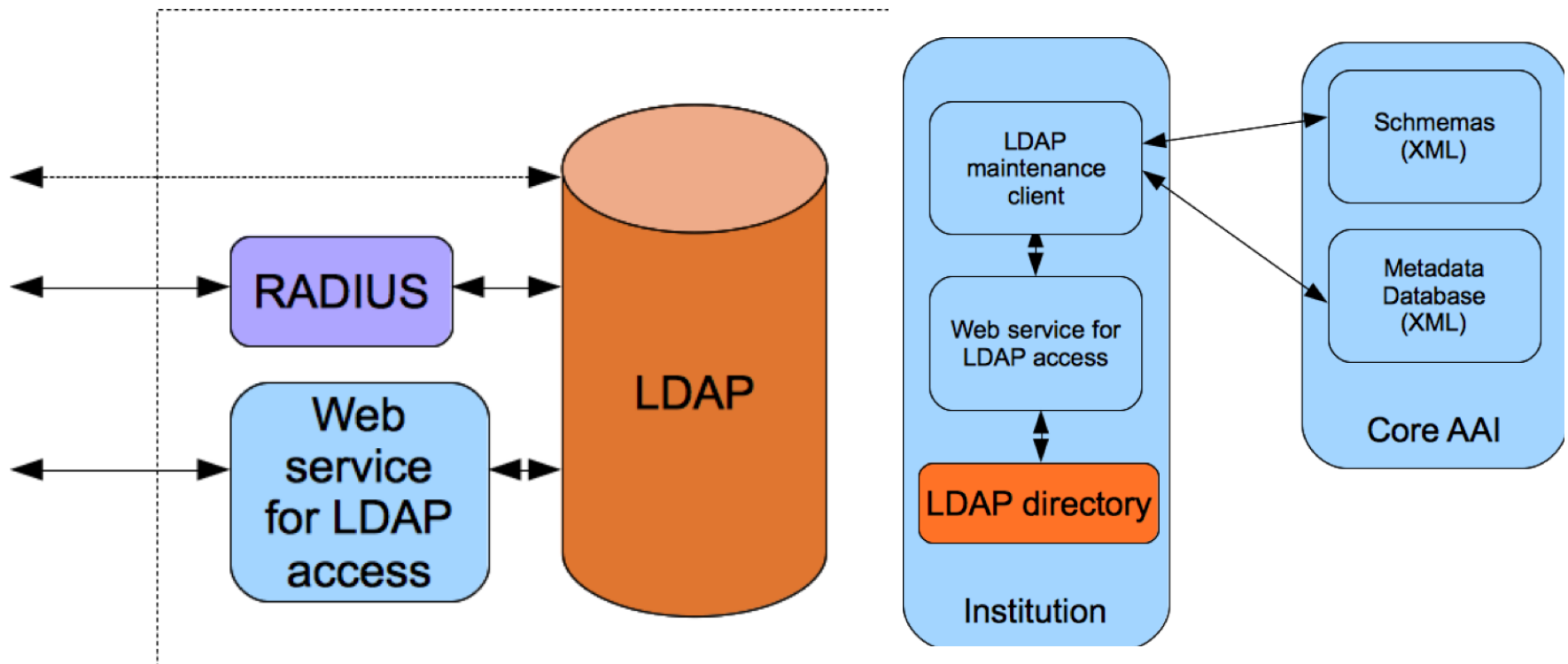
AAI

- Enable unique identification
- Enable administration of personal files
- Provide authentication of each user by its home institution
- Provide authorization for university resources and services
- Send accounting reports to university management
- Provide broader solution (applicable within and outside the project framework)
- Be based on open standards (RADIUS, LDAP, ...)

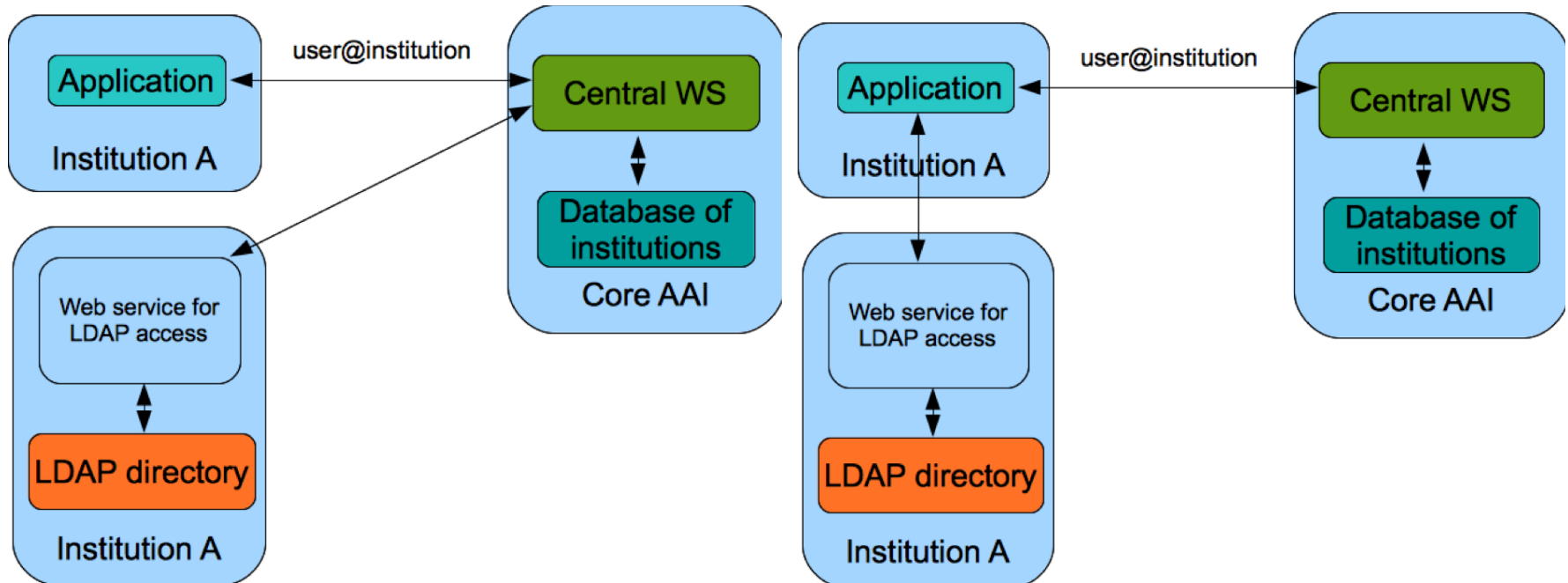
AAI-Core systems



AAI-Home institution



AAI-Operations

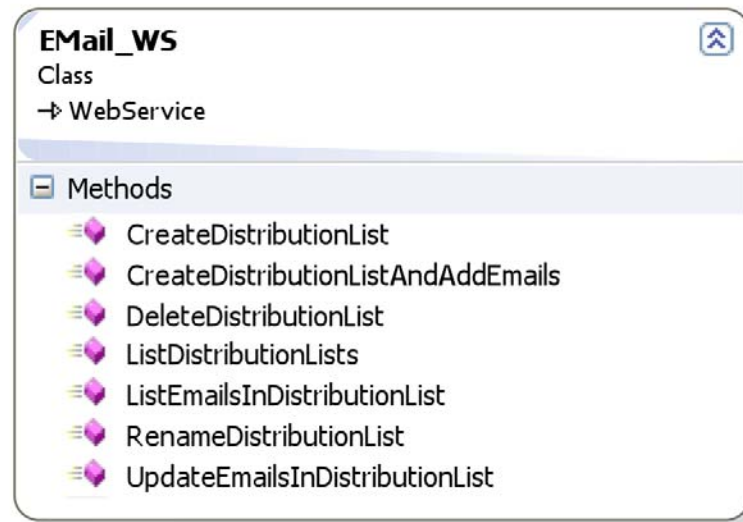


Presence and access control

- Interface the existing and future presence and access control systems
- Provide presence logs to iKnow systems
- Require confirmation for resources access from iKnow systems

Interface to e-mail and communication systems.

- Functionality to add, modify and delete email distribution lists, and to add, modify or remove email addresses to distribution lists.



Interface to learning management systems

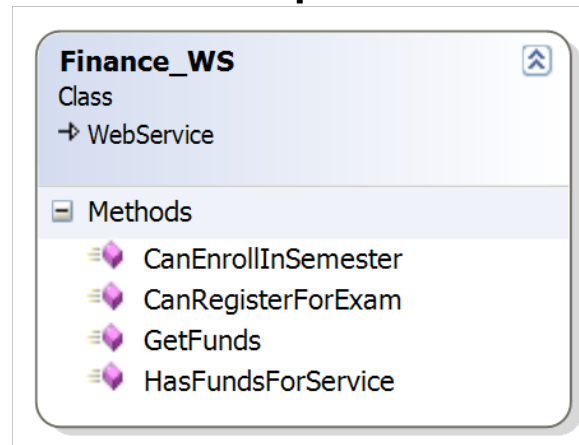
- View all the details for the student's activities.
- Opportunity for electronic signatures
- Opportunity for reporting examinations
- Create the statistical reports.
- Enable the candidates to take proactive role in the process of e-learning
- Using of the data of enrolled students
- Provide the candidates with updates of the current status
- Provides opportunities for electronic materials and their organization by courses, study programs
- Provides communication between students and professors

Interface to e-Library systems

- Control the library resources
- Better communication and knowledge-transfer
- Enhance the accessibility to the teaching materials
- Provide the priority in using library resources

Interface to financial systems

- Data exchange on the payment of the fees
 - enquire if a student has enough funds for a service e.g. to register for an exam, to enroll in a semester etc. , and whether the service should be rejected or accepted.



Interface to HR systems

- Supplement the HR systems with academic-specific information (positions, nominations, ...)
- Enable calculation of the variable part of the salaries based on the workload (number of courses, lecture hours, students...)