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## Swiss edu-ID Dep11 (162-006)

### Swiss edu-ID Deployment Step 1

Although the current Swiss edu-ID service is offering advanced services to resources, its full potential can only be unleashed by migrating the existing SWITCHaai to Swiss edu-ID. SWITCH plans to fully deploy Swiss edu-ID by the end of 2020, with all organizations migrated to Swiss edu-ID1. SWITCH is supporting the migration individually per organization and will further develop Swiss edu-ID in line with the needs of migrating institutions during that time frame.

A bundle of seven universities (4 cantonal universities, 2 UAS and 1 ETH institution) are ready to make a first step towards the migration to Swiss edu-ID by starting their preparatory work. They will develop a suitable migration plan that can be presented to their management and swissuniversities afterwards (strategy work packages). A request for information (RFI2) showed none of the evaluated IdM products to offer a suitable solution within a federation context. Several features are missing completely or would have to be adapted to fit the requirements, necessitating, for example, the conception and implementation for sophisticated de-duplication. The functional upgrade work packages have as objective to implement such missing features and to improve some of the already implemented functionality, e.g., for password management and duplicate detection (other features will have to be implemented in later deployment steps, depending on prioritization). Special attention from the legal side has to be put on work packages about use of AHVN13 as strengthening identifier and Privacy and Data Protection. The outcomes will have an impact on migration plans, achievable benefit and the technical implementation.

The project is preparing the organizational migration together with participating Higher Education Institutions (series A). The migrations should then follow during the next Swiss edu-ID deployment steps (compare fig. 1). At the same time, more organizations will have to prepare themselves with Migration Strategy activities again followed by migration projects (series B-C). SWITCH plans to carry out subsequent projects, ideally on a yearly basis, combining three kinds of activities:

1. "Functional Upgrade" in line with the needs of the migrating organizations. The migration strategies will provide requirements for additional functionalities. This grants flexibility as so far by aligning the development along use cases, and that additional functionalities needed by organizations - advanced IdM integration - will be ready once they would like to start their migration.
2. "Migration Strategy" development to prepare the migration by building bundles of organizations, which would like to elaborate their Migration Strategy. Organizations have to choose between different integration depths, the most suitable model (classic or extended) and which system adaptations have to be considered if envisaging new opportunities or maximum benefit.
3. "Migration" in yearly bundles allows organizations to migrate once they are ready to implement the findings of their preceding Migration Strategy. They might have chosen a one-step migration or a gradual approach by increasing integration depth step by step.