

# Resource Registry

How to manage Federation metadata and other descriptions



# SWITCH

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SWITCHaai Introduction Course  
Bern, 1. March 2013



# Difficulties and Goals

- Editing XML files by hand is error-prone and clumsy
- Managing the federation metadata by hand is cumbersome
- Legal processes should be technically supported
- Multiple federations must be managed

**A web-based tool to solve these problems!**

## **Goals for such a Tool:**

- Scalable metadata management
- Support administrative processes
- Provide auxiliary functions to support federation
- As little overhead as possible

# The AAI Resource Registry

## AAI Resource Registry

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### Home and General Information

This page provides usage instructions and general information about the federations managed by the Resource Registry.

### Resource Registry Usage Instructions

- [Resource Registry Guide](#) explaining the basic principles and mechanisms of the Resource Registry
- [Resource Registry Screencast](#) for first time users on how to register a resource

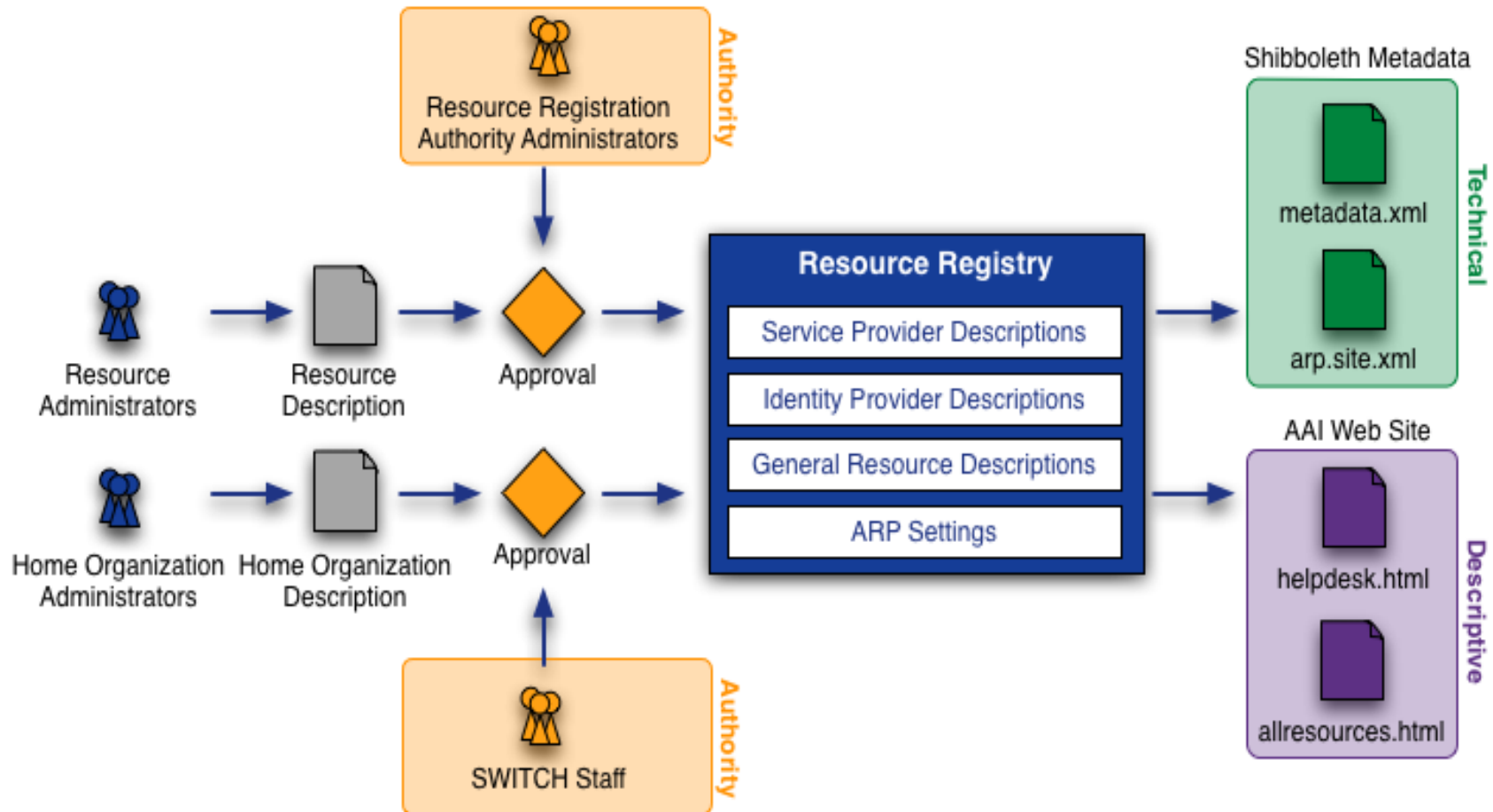
### Federation Information

- [Federations](#): List of federations operated by the Resource Registry
- [All Home Organizations](#): List of approved Home Organizations
- [Federation Partners](#): List of accepted Federation Partners for SWITCHaai
- [All available Resources](#): List of approved active and inactive Resource Descriptions
- [Search for resources](#): Search according to name, entityID, Home Organization etc.
- [Users from domain switch.ch](#): Users from your organisation that have used the Resource Registry
- [Attribute definitions](#): List of available attribute names and descriptions
- [Attribute release matrix](#): Which attributes can be released by which Home Organization?
- [Resource attribute requirement matrix](#): Which attributes are requested by which resources?

### SWITCHaai Migration statistics



# Resource Registry Processes



**Before an SP/IdP description becomes part of federation metadata, it must be approved by an authority first**

# Roles in the Resource Registry

- **Resource Registry Administrator**  
SWITCH staff members. Can edit/delete everything
- **Home Organisation Administrator**  
User that can manages the description/metadata of an organisation
  - **Attribute Administrator**  
Subset of privileges of Home Organisation administrator  
User that can change the attribute release policy of an organisation
- **Resource Administrator**  
Creates and manages descriptions of AAI services/Service Providers
- **Resource Registration Authority Administrator**  
Approves descriptions of AAI services/Service Providers

# Output of Resource Registry

- **Metadata**, see <http://www.switch.ch/aai/metadata/>
- **Configuration files** for IdPs and SPs (shibboleth2.xml, ...)
- **Helpdesk webpage** shows contact persons/helpdesk for your SP

## Your most recently used Resource's helpdesk

Contact the helpdesk of the Resource you wanted to connect to, if you experience **problems after successful login**.

### Forge: Project Hosting Platform

Support Contact: [SWITCHaai Team](#), +41 44 268 15 05

Find the Resource in the [list of Resources grouped by Home Organization](#) or in the [long list of all public Resources](#).

- **Public Resource list**, see <http://www.switch.ch/aai/participants/>

### AAI Wiki - Waaikiki

No Helpdesk web page specified

[Show contact persons](#)

[Show requested attributes](#)

[Show intended audience](#)

[en] AAI Wiki - Waaikiki

# Live Demonstration

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