

# Edu-ID for small organizations

SWITCH

Rolf Brugger

Rolf.brugger@switch.ch

May 20th 2020

# Small Organizations vs. Universities

	Small Organizations	Universities
# members	< ~100	> ~100
member fluctuation	low	High for students; average for teaching and reserching staff
IdM	Simple IdM, low degree of integration, many manual IdM processes	Well organized IdM with high degree of automation

# How to give small organizations access to SPs?

- Access management in our community:  
often based on organization membership
- Examples:
  - Learning management systems for members of selected universities
  - Subscription to services on a per-organization basis (SWITCHdrive, SWITCHportfolio, ...)

# Solution approaches

## Fully compatible “homeOrg”

<b>Full edu-ID Integration</b>	Relatively high integration cost	Org needs to be federation partner (paperwork, cost, know-how)
<b>Edu-ID Integration with manual on/offboarding</b>	Manual process is tedious and error prone	
<b>IdM service for small organizations</b>	<i>Not a service yet</i>	

## Easy to implement / low-cost

<b>Entitlements via shared attribute API</b>	API only, Doesn't scale well	Not all SP are capable to interpret entitlement attribute
<b>Entitlements via virtual home org (VHO)</b>	VHO Service likely to be discontinued	
<b>Entitlements or group attribute via group management</b>	<i>Not a service yet</i>	