

SWITCHaai - Facts & Figures

AAI Info Day 2009



SWITCH

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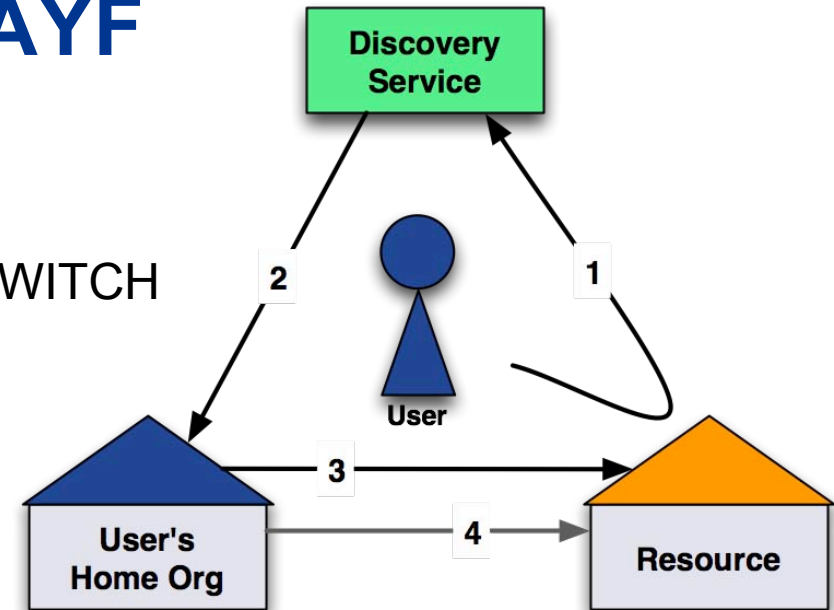
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Berne, 5. May 2009

Discovery Service aka. WAYF

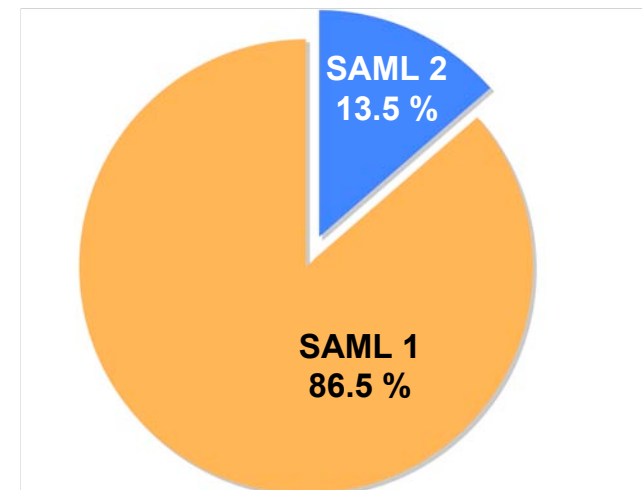
- Central discovery service is operated by SWITCH
- Two redundant servers
 - one in Zurich, one in Lausanne
- Two discovery mechanisms
 - classic way, well known drop down list
 - embedded way, see Lukas' presentation at afternoon
- Currently the only practicable way to collect some federation-wide usage data. On the basis of both server logs, an approximation is possible.
- **Remark:** Some resources use their own discovery mechanism and are therefore not accounted in these statistics. Most prominent example: **OLAT**



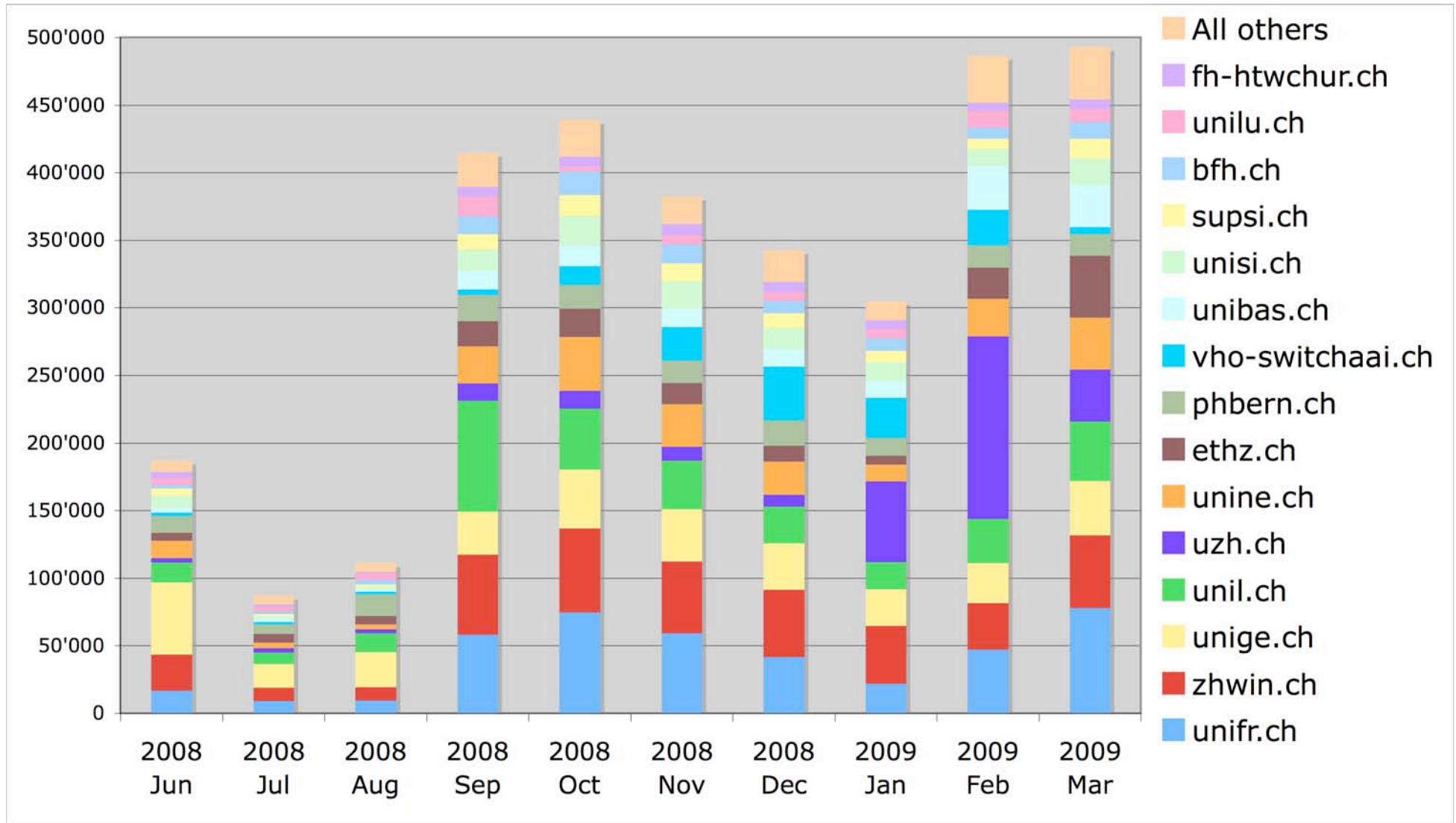
Discovery Log from June 2008 to March 2009 (10M)

- Total number of resource accesses through the discovery service: **3'249'083**
- Average resource accesses:
 - 10'688 / day
 - 445 / hour
 - 1 every 8 seconds
- Most busy day: Thursday, 11.9.2008 (39'563 resource accesses)
- Least busy day: Sunday, 11.1.2009 (4 resource accesses)

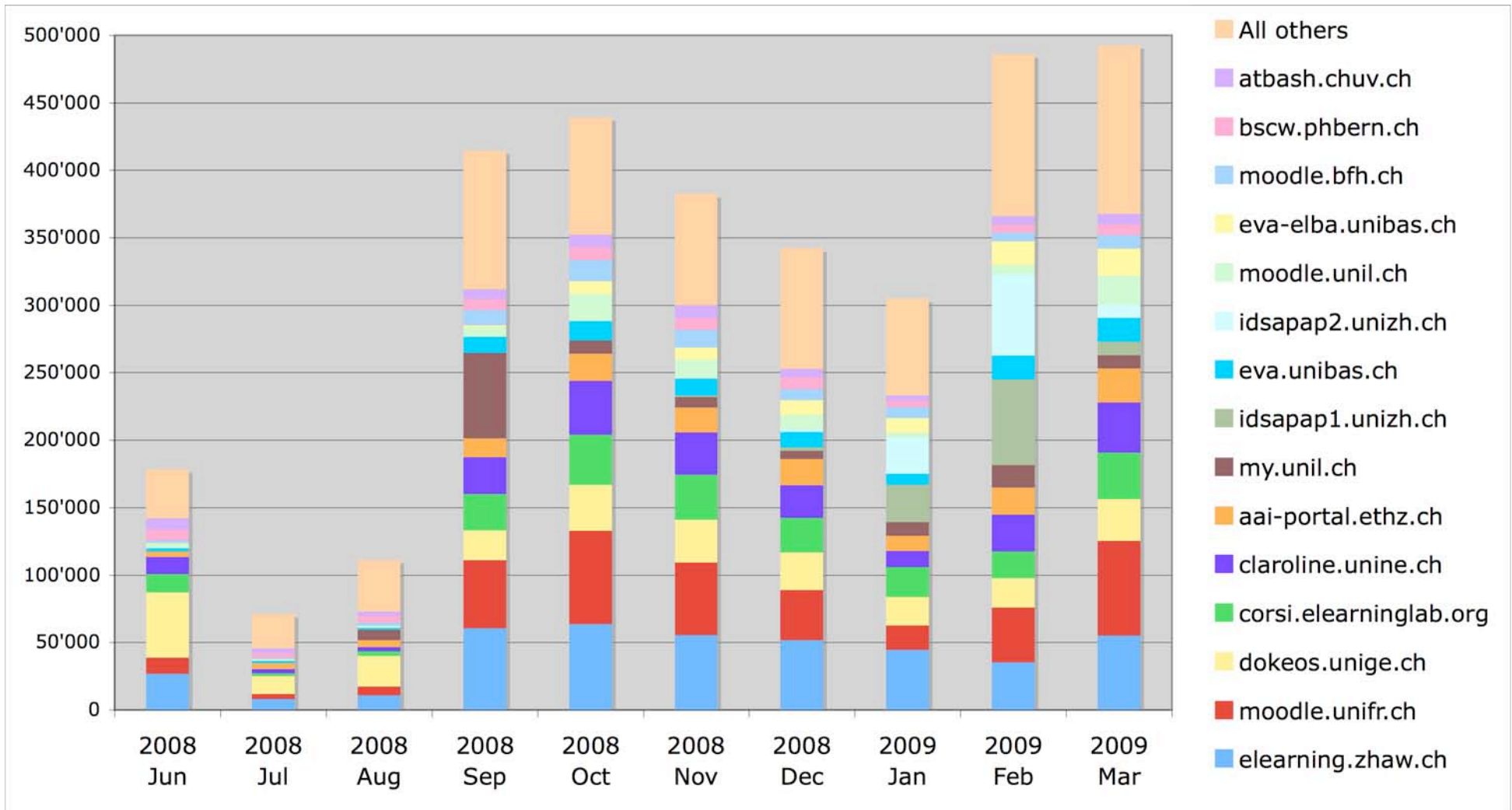
- Discovery types



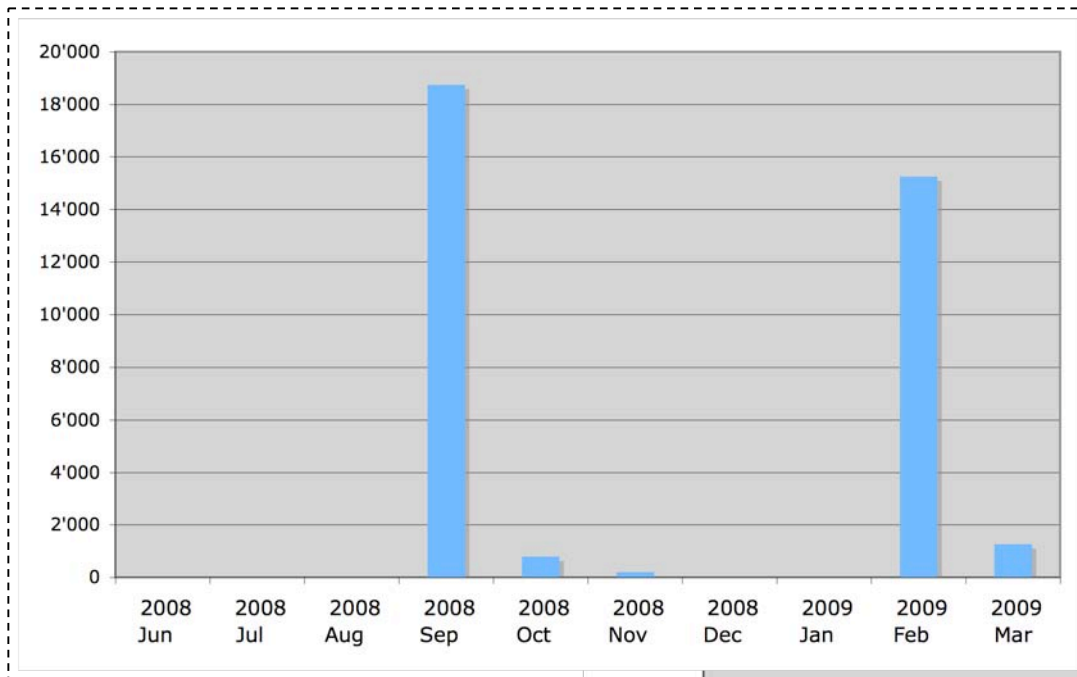
Top 15 Home Orgs on the Discovery Service



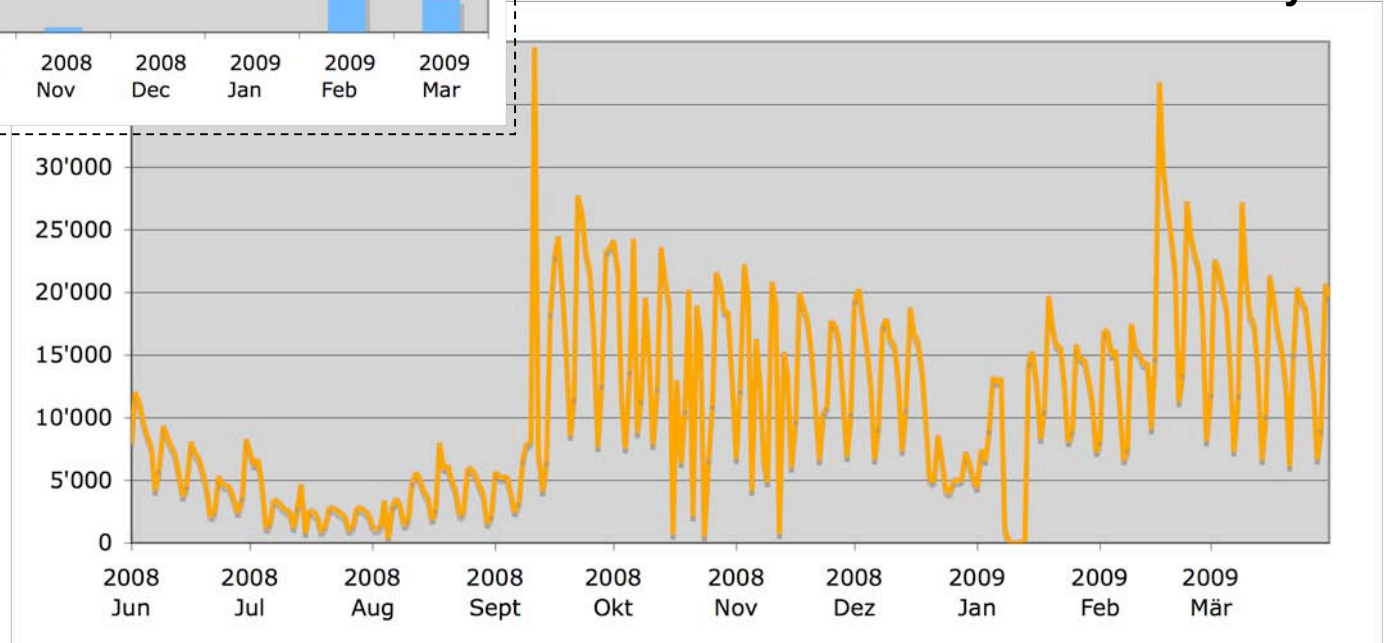
Top 15 Resources on the Discovery Service



Project Neptun - store.ethz.ch



Overall activity



Hotspots with more than 100'000 request

- Mostly intra-organizational web single sign on

	unibas.ch	unifr.ch	unige.ch	unil.ch	unine.ch	unisi.ch	uzh.ch	zhaw.ch
<i>eva.unibas.ch</i>	100'170							
<i>moodle.unifr.ch</i>		357'161						
<i>dokeos.unige.ch</i>			264'528					
<i>my.unil.ch</i>				127'190				
<i>claroline.unine.ch</i>					210'209			
<i>corsi.elearninglab.org</i>						125'076		
<i>idsapap1.unizh.ch</i>							103'850	
<i>elearning.zhaw.ch</i>								392'856

Most widely used resources (1)

more than 100 accesses from different IdPs

- Commercial partners

26	<i>store.ethz.ch</i>	epfl.ch, uzh.ch, unil.ch, unibas.ch, ...
17	<i>elms-login.ethz.ch</i>	fhnw.ch, bfh.ch, unisg.ch, hslu.ch, ...
11	<i>shibboleth02.e-academy.com</i>	zhaw.ch, hslu.ch, uzh.ch, epfl.ch, ...
10	<i>www.isiknowledge.com</i>	ethz.ch, unizh.ch, switch.ch, unibe.ch, ...

- E-Learning platforms

11	<i>dokeos.unige.ch</i>	unil.ch, hcuge.ch, unine.ch, unifr.ch, ...
9	<i>login.virtualcampus.ch</i>	hsr.ch, unibe.ch, unine.ch, unifr.ch, ...
8	<i>elearning.zhaw.ch</i>	vho-switchaai.ch, ethz.ch, uzh.ch, zhdk.ch, ...

Most widely used resources (2)

more than 100 accesses from different IdPs

- SWITCH services

14	<i>econf.switch.ch</i>	vho-switchaai.ch, unisi.ch, supsi.ch,uzh.ch, ...
8	<i>point.switch.ch</i>	unige.ch, vho-switchaai.ch, unisi.ch, supsi.ch, ...
8	<i>cast.switch.ch</i>	unibe.ch, uzh.ch, unisg.ch, vho-switchaai.ch, ...
8	<i>www.switch.ch</i>	vho-switchaai.ch, ethz.ch, uzh.ch, fhnw.ch, ...

- Others

10	<i>www.secureirl.ch</i> *	unibe.ch, unifr.ch, unige.ch, uzh.ch, ...
9	<i>www.unifr.ch</i>	unine.ch, unil.ch, unibe.ch, unige.ch, ...

* Bundesgericht - Tribunal fédéral