SWITCHaai - Update & Shib 2 Migration

AAI Info-Day 2009

SWITCH

Serving Swiss Universities

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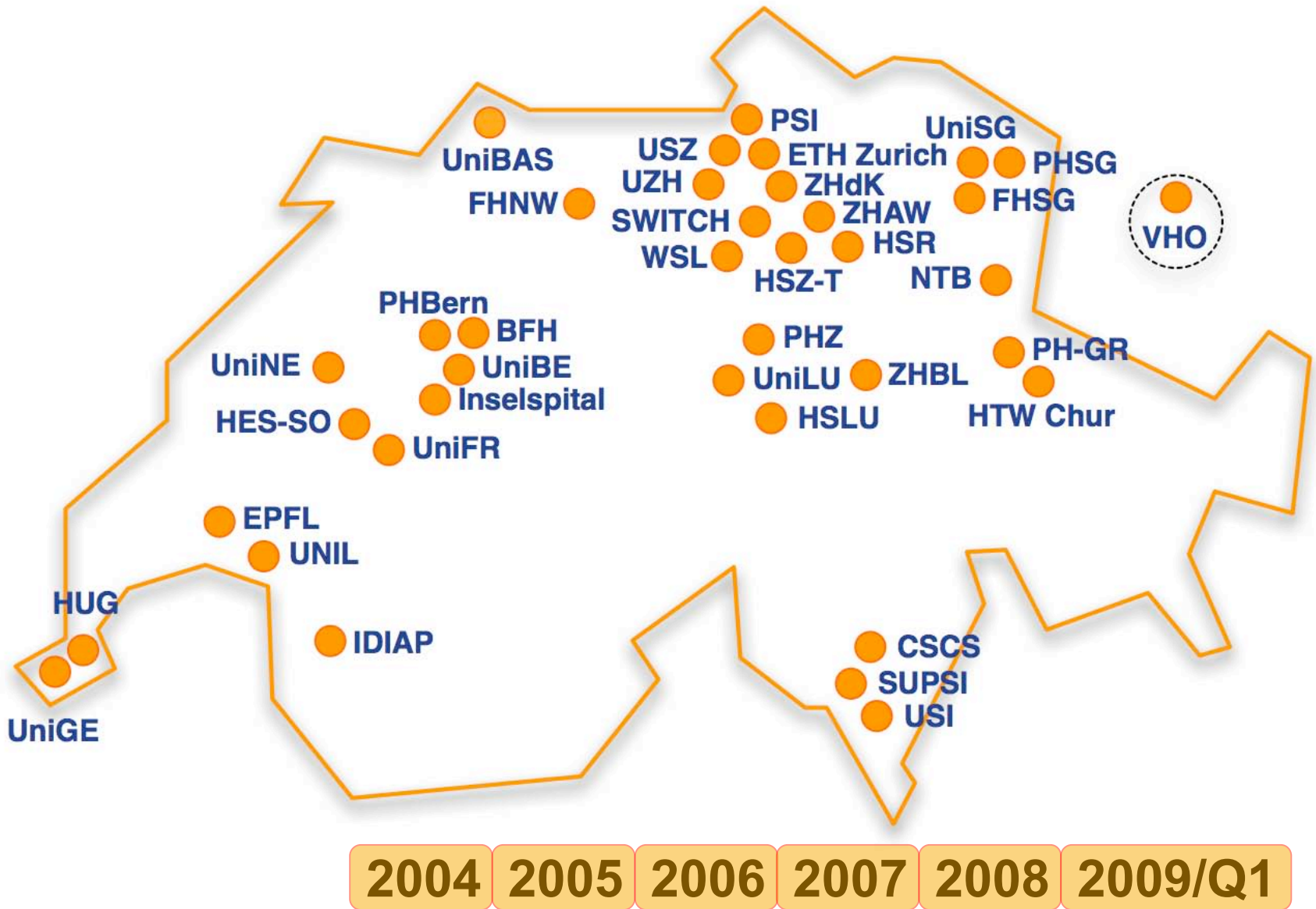thomas.lenggenhager@switch.ch

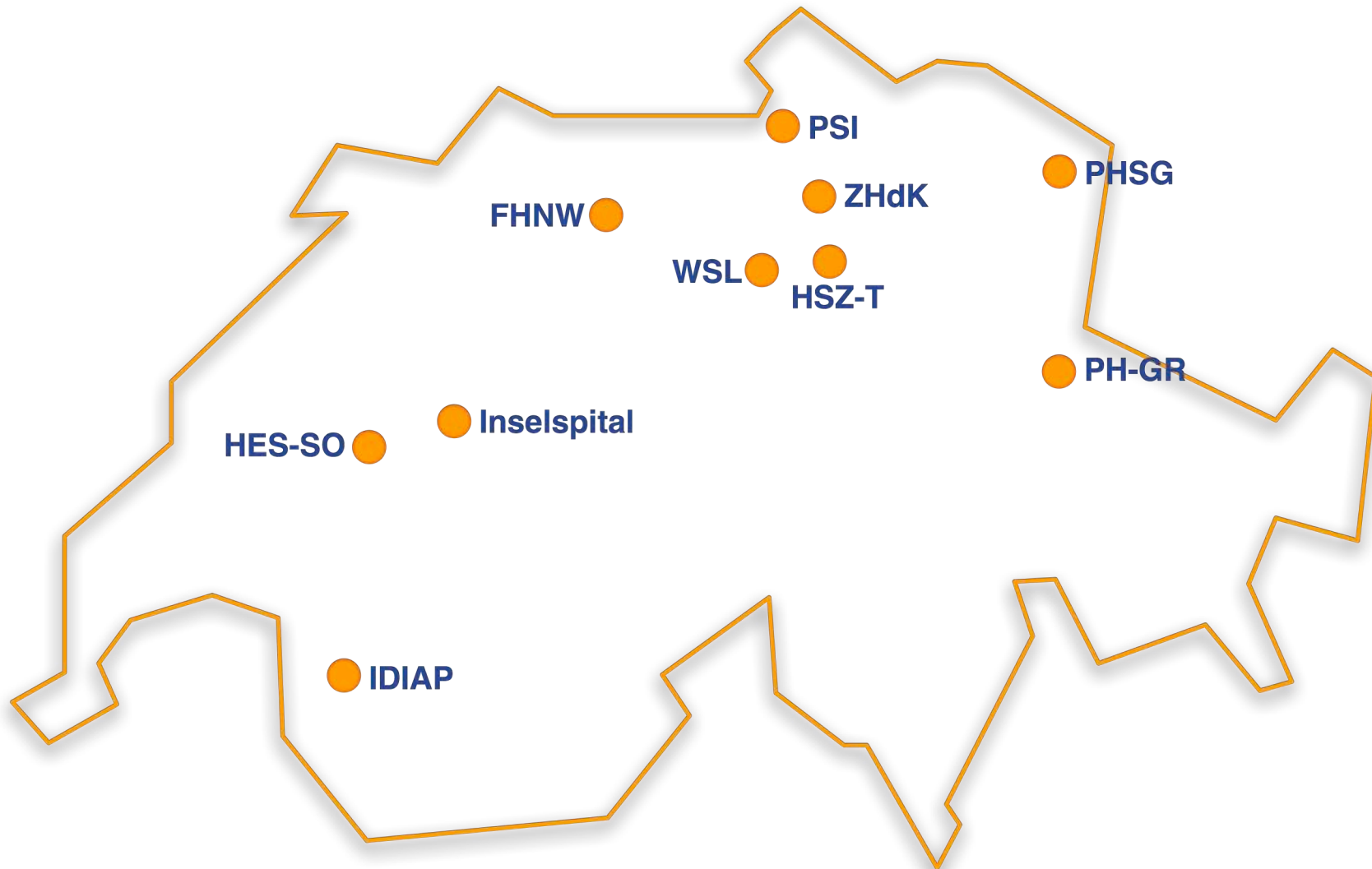Berne, 5. May 2009

Overview
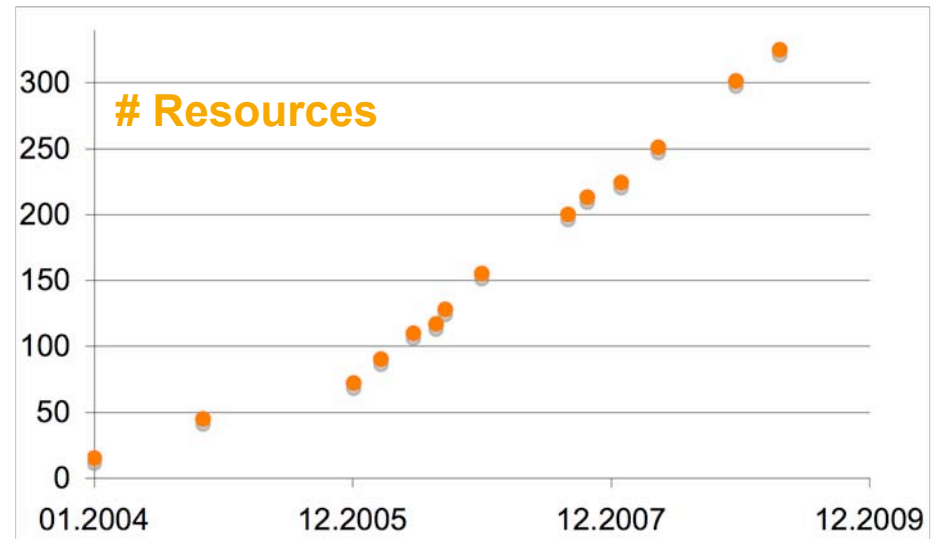
(1) SWITCHaai Update

(2) Shibboleth 2 Migration

Growth of the SWITCHaai Federation

PSI
UniBAS
USZ   ETH Zurich   UniSG
UZH   ZHdK   PHSG
FHNW   ZHAW   FHSG
SWITCH   HSR
WSL   HSZ-T   NTB   VHO

PHBern   BFH
UniNE   UniBE   PHZ   PH-GR
HES-SO   Inselspital   UniLU   ZHBL
UniFR   HSLU   HTW Chur

EPFL
UNIL
HUG   IDIAP   CSCS
SUPSI
UniGE   USI

2004 **2005** **2006** **2007** **2008** **2009/Q1**

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New Home Organisations 2008 & 2009Q1

SWITCHaai Federation in Spring 2009

Map of Switzerland showing member organizations: PSI, UniSG, UZH, USZ, ETH Zurich, PHSG, UniBAS, FHNW, ZHdK, FHSG, SWITCH, ZHAW, WSL, HSR, VHO, HSZ-T, NTB, PHBern, BFH, PHZ, PH-GR, UniNE, UniBE, UniLU, ZHBL, HES-SO, Inselspital, HSLU, HTW Chur, UniFR, EPFL, UNIL, HUG, IDIAP, CSCS, SUPSI, USI, UniGE

Home Organizations

AAI enabled accounts

>95% coverage in higher education

Resources
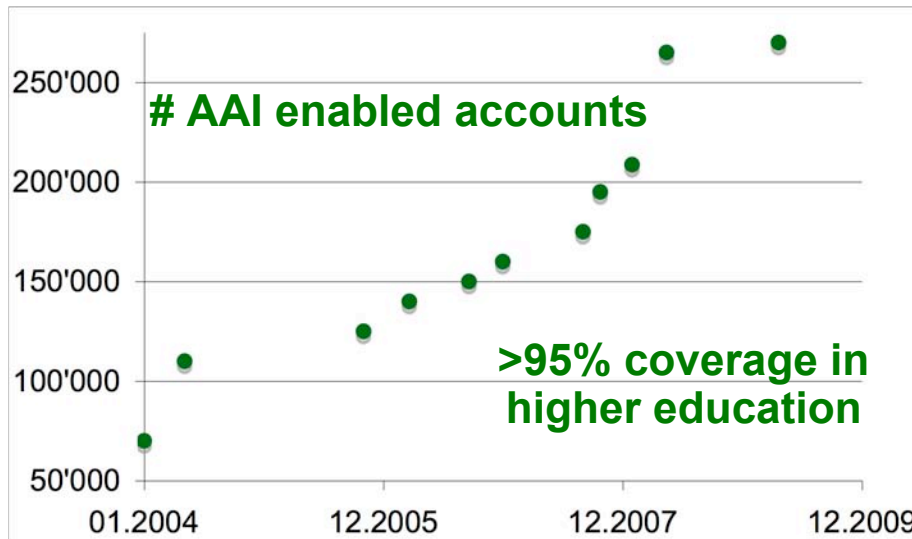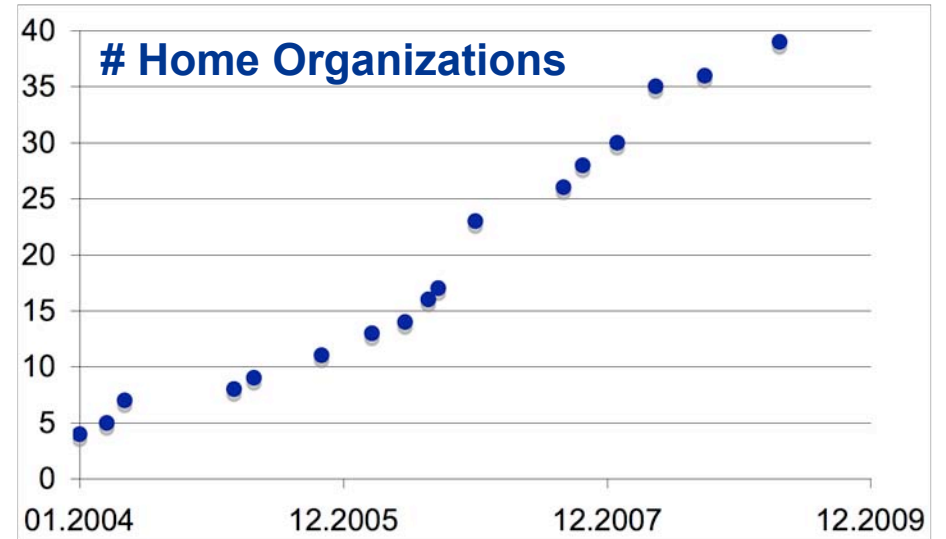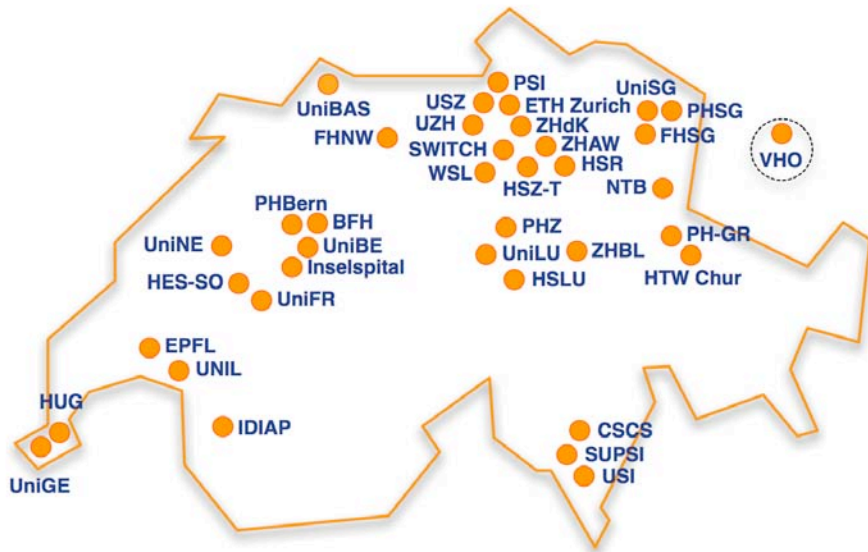
Shibboleth 2 Migration

- The facts
  - Shibboleth 1.3 released first in July 2005
    - Latest version released Oct/Dec 2007
    - End of life for Shibboleth 1.3: 30. June 2010

  - Shibboleth 2.0 released in March 2008
    Shibboleth 2.1 released in August 2008
    - Implements SAML 2
    - SAML 1 still supported, backwards compatible with Shibboleth 1.3

  - New features get only added to Shibboleth 2.x

- Security relevant software: *Keep it on a current version!*

Shibboleth 2 Migration (2)

- Current status of Shibboleth 2 in SWITCHaai
  - 27% of Service Providers: 89 of 325
  - 25 % of Identity Providers: 10 of 40

- Shibboleth 1.3 to 2.x is a migration

- Minor upgrades from Shibboleth 2.x to 2.x+1 are straight forward

- Last-minute: Shibboleth 2 Install Fest
  - 18. - 20. May in Zurich

Shibboleth 2 Migration (3)

- Independent migration
  - Service Providers
    - Can migrate whenever it fits them
  - Identity Providers
    - Old EZproxy (< 5.1a) in use? Upgrade that one first.

- Two good opportunities to migrate to Shibboleth 2
  - July/August 2009 - before autumn semester 2009
  - January 2010 - before spring semester 2010

- Last chance
  - July/August 2010 - before autumn semester 2010

Shibboleth 2 Migration (4)

- Your benefits
  - Software where bugs and security problems get fixed
    - Minor upgrades are easier to install
    - Able to adopt new extensions and features
  - Chance for better interoperability
    - Commercial products implement only SAML 2

  - *SAML 2 logo in the Resource Registry entry* 🙂