

Virtual Home Organization

AAI Info-Day 29. November 2007, Berne



SWITCH

Serving Swiss Universities

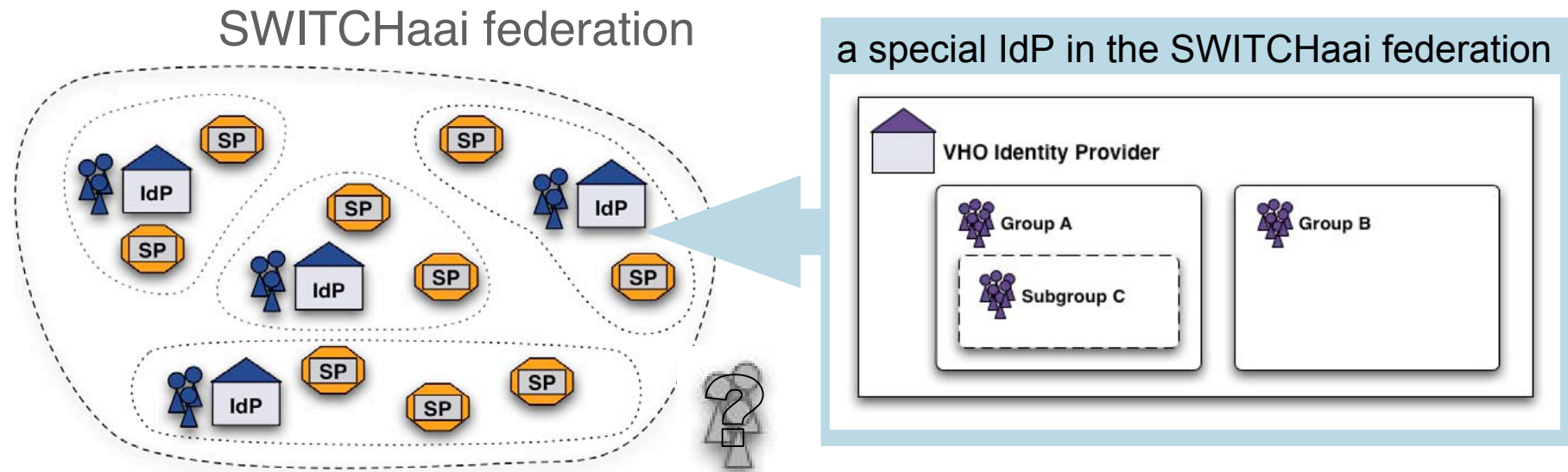
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Agenda

- Motivation & Context
- SWITCH VHO Service
- Statistics and usage
- VHO administration tool
 - Key Functionalities
 - Screenshots
 - Demo access

Motivation & Context



Problem

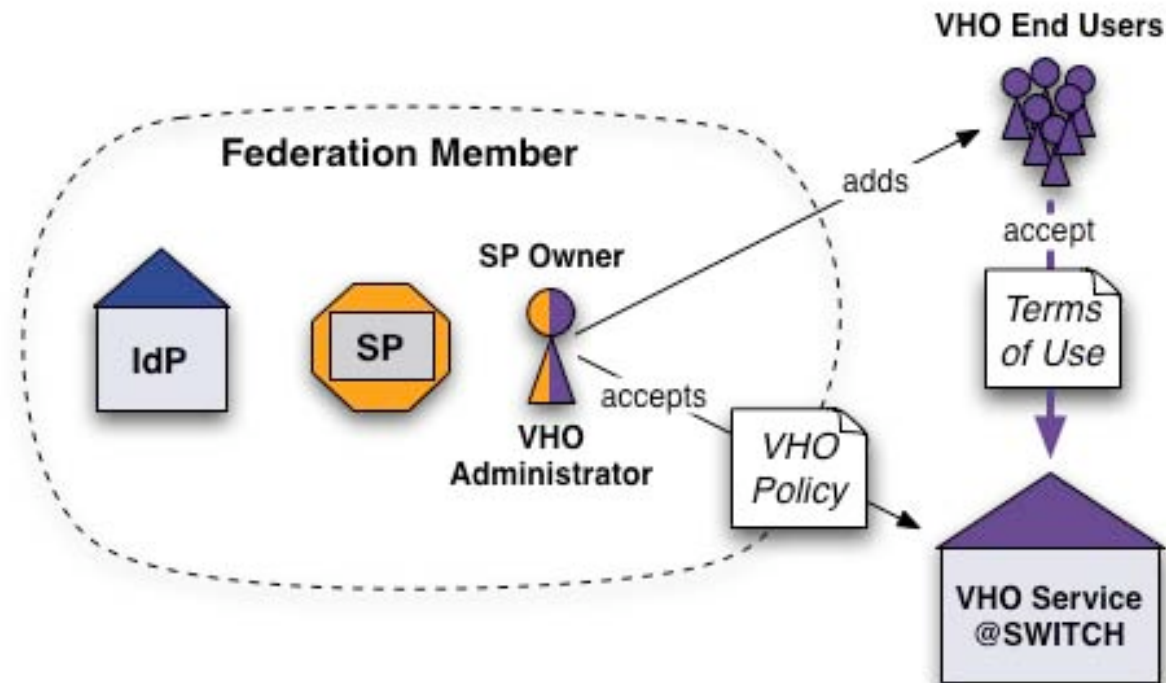
- Resource (SP) only accepts AAI users
- Users outside the federation wants to access the resource

Solution

- Resource owner creates users in the VHO

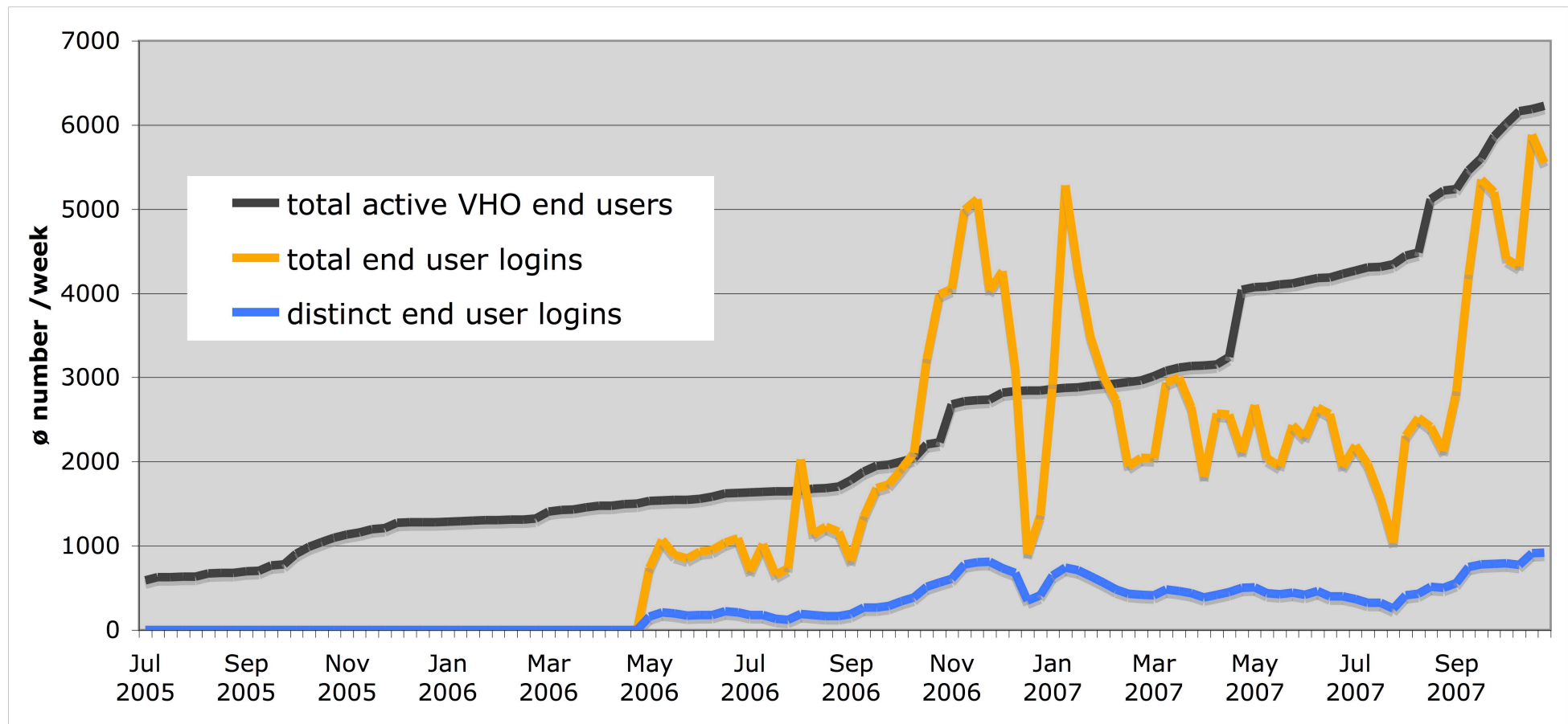
SWITCH VHO Service

- Targeted end user groups
 - Attendees of a further education or other training
 - Collaboration projects from private companies or foreign universities, which are not in the SWITCHaai federation
- Resource owners can manage end user accounts themselves

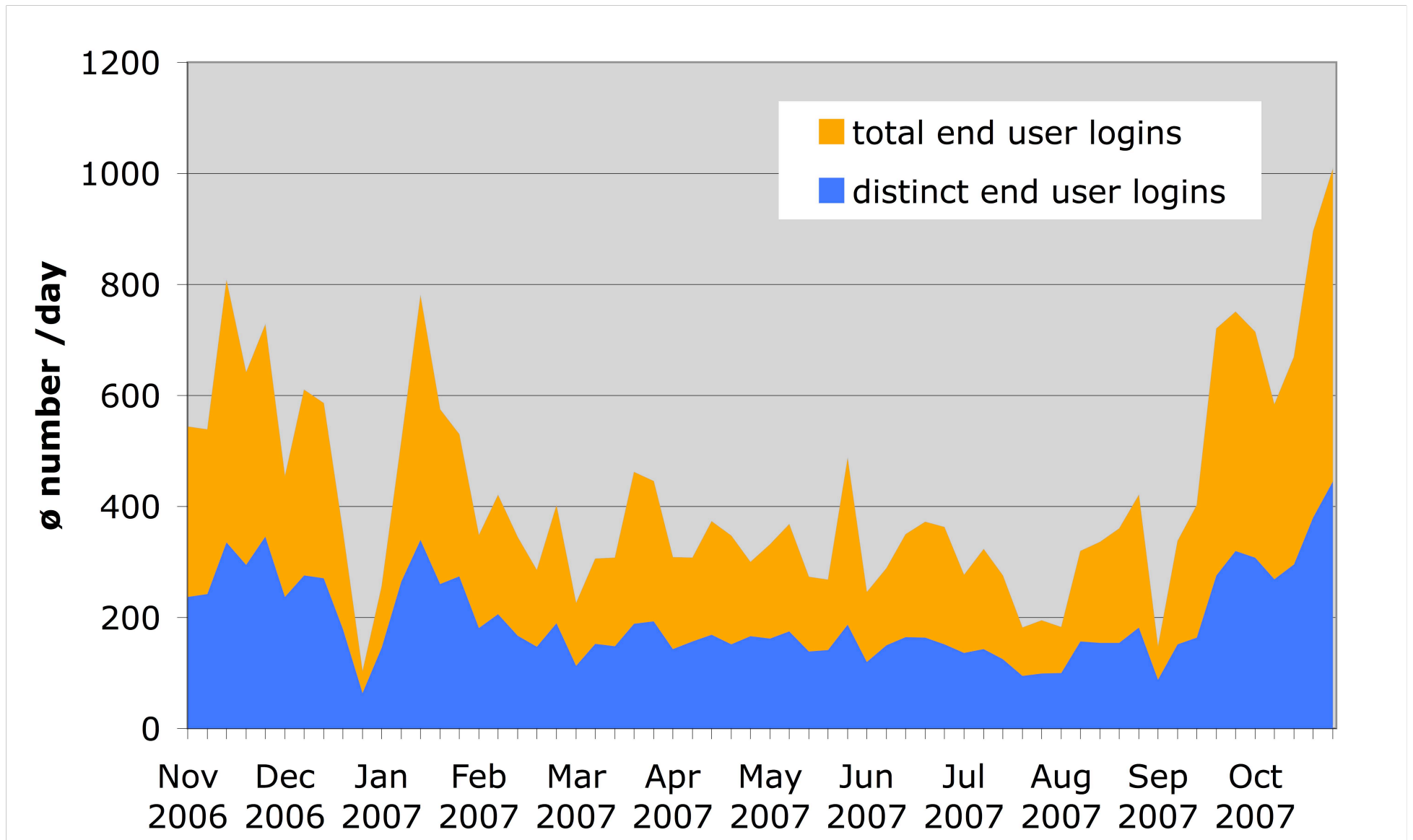


Statistics - History

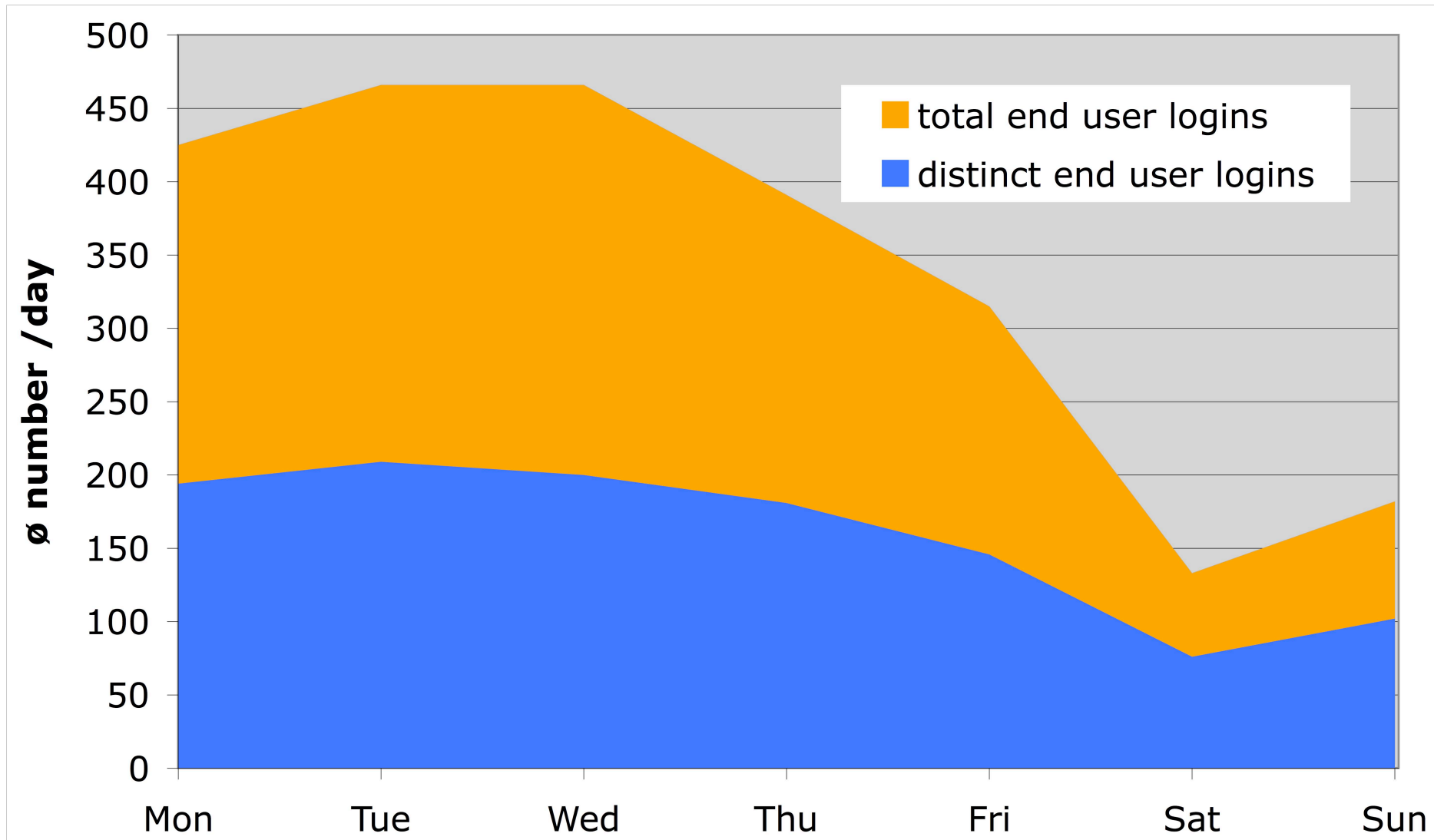
- Current number of groups: 30
- Current number of administrators: 66



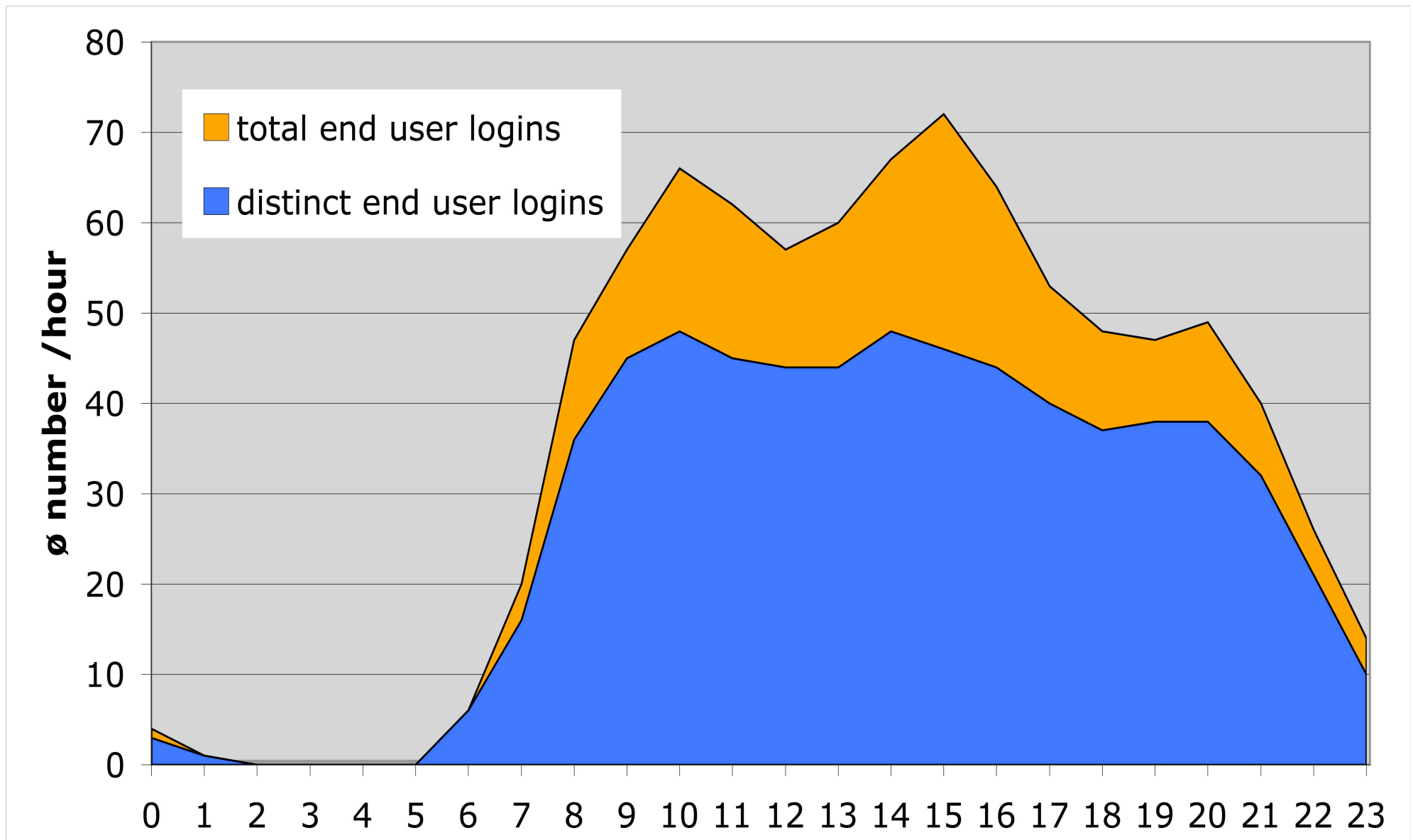
Usage - month of year (November 2006 - October 2007)



Usage - day of week (March 2007 - Mai 2007)



Usage - time of day (October 2007, excl. Weekend)



VHOTOOLS

- Key functionalities of the VHOTOOLS

- Administrator services

- Manage one or more groups, which can be structured hierarchically
 - Define description for each group (support contact, mail templates)
 - Create new users with AAI attributes (E-Mail, entitlement, ...)
 - Modify, delete and expiring users (incl. password resets)
 - Import / Export of users

- End user services

- User self-service password changes
 - Support information

Screenshots administration tool (1)

demogroupa : 75 active - 23 expired - 2 deleted users

Choose action: Search: >> Search
(Use * or % for wildcard search. The search is performed on username, first and last name, email, entitlement and unqueld)

Choose action:
 Set expiration date = now
 Set expiration date in 1 year
 Delete
 Download HTML

Next »

search users

sort by any attribute

predefined actions

	Username	Last name	First name	E-mail	Entitlement	Expiration date	Last modification date	Last login date	
<input type="checkbox"/>	dga-peter.smith	Smith			http://example.edu.org/dga http://example.edu.org/dga/pr1	20.11.2008	20.11.2007		
<input type="checkbox"/>	dga-user01	Johnson			http://example.edu.org/dga	29.04.2009	09.11.2007	28.08.2007	
<input checked="" type="checkbox"/>	dga-user02	Roberts	James	James.Roberts@dga.edu.us	http://example.edu.org/dga	12.12.2008	09.11.2007	30.09.2007	
<input checked="" type="checkbox"/>	dga-user03	Robinson	Robert	Robert.Robinson@dga.edu.us	http://example.edu.org/dga	30.11.2008	09.11.2007	19.09.2007	
<input type="checkbox"/>	dga-user04	Thompson	David	David.Thompson@dga.edu.us	http://example.edu.org/dga	11.01.2008	09.11.2007	10.10.2007	
<input type="checkbox"/>	dga-user05	Wright	John	John.Wright@dga.edu.us	http://example.edu.org/dga	13.04.2009	09.11.2007	19.11.2007	
<input type="checkbox"/>	dga-user06	Walker	William	William.Walker@dga.edu.us	http://example.edu.org/dga	12.08.2007	09.11.2007	02.10.2007	
<input type="checkbox"/>	dga-user07	White	Richard	Richard.White@dga.edu.us	http://example.edu.org/dga	20.08.2008	09.11.2007	07.11.2007	
<input type="checkbox"/>	dga-user08	Edwards	Mark	Mark.Edwards@dga.edu.us	http://example.edu.org/dga	17.07.2009	09.11.2007	16.08.2007	
<input type="checkbox"/>	dga-user09	Hughes	Thomas	Thomas.Hughes@dga.edu.us	http://example.edu.org/dga	27.09.2007	09.11.2007	18.09.2007	
<input type="checkbox"/>	dga-user10	Green	Steven	Steven.Green@dga.edu.us	http://example.edu.org/dga	08.11.2008	09.11.2007	17.09.2007	
<input type="checkbox"/>	dga-user11	Hall	Jennifer	Jennifer.Hall@dga.edu.us	http://example.edu.org/dga	27.09.2008	09.11.2007		
<input type="checkbox"/>	dga-user12	Lewis	Jessica	Jessica.Lewis@dga.edu.us	http://example.edu.org/dga	0	09.11.2007		
<input type="checkbox"/>	dga-user13	Harris	Amanda	Amanda.Harris@dga.edu.us	http://example.edu.org/dga	0	09.11.2007		
<input type="checkbox"/>	dga-user14	Clarke	Melissa	Melissa.Clarke@dga.edu.us	http://example.edu.org/dga	15.11.2007	09.11.2007		
<input type="checkbox"/>	dga-user15	Patel	Sarah	Sarah.Patel@dga.edu.us	http://example.edu.org/dga	09.12.2007	09.11.2007	06.10.2007	
<input type="checkbox"/>	dga-user16	Jackson	Nicole	Nicole.Jackson@dga.edu.us	http://example.edu.org/dga	30.08.2007	09.11.2007	29.08.2007	
<input type="checkbox"/>	dga-user17	Hughes	Thomas	Thomas.Hughes@dga.edu.us	http://example.edu.org/dga	20.11.2007	09.11.2007	08.10.2007	
<input type="checkbox"/>	dga-user18	Lopez	John	John.Lopez@dga.edu.us	http://example.edu.org/dga	20.11.2007	09.11.2007	20.08.2007	
<input type="checkbox"/>	dga-user19	Washington	John	John.Washington@dga.edu.us	http://example.edu.org/dga	01.01.2008	09.11.2007	07.11.2007	

shortcuts to user edit, expire, delete and password reset

fast user state identification

creation, last modification last login & expiration date info

paged userlist switch the custom views

Choose action:

Page: « Previous 1 2 3 4 5 Next »

View: short medium long inactive

active expired deleted

Screenshots administration tool (2)

Straightforward user creation and modification by form...

demogroupa : Create a new user

- Fields marked with an asterisk (*) are mandatory.
- A **password** and an **AAI UniqueID** will be generated automatically.

Username * dga-peter.smith
The username is already prefixed with dga-
The entire username is **dga-peter.smith**

Last name * Smith
First name * Peter
E-mail * peter.smith@example.edu.org
Entitlement * http://example.edu.org/dga
All entitlements must be prefixed with http://
Use one line per entitlement, if you want to define multiple

Business phone number +1 23 4444 55 66
e.g. +41 44 268 15 05

Business postal address Golden Lane 7
80000 Los Angeles CA
Enter the full postal address with carriage return

Preferred Language en
Description Some demo user
The description is intended for internal use only.
It will never be released to any resource.

Affiliation affiliate
Home organization aai-test.vho-switchchaa.ch
Home organization type vho

Expiration date 1 year or enter date 20.11.2008
The date format is dd.mm.YYYY
After the expiration date is reached the user won't be able to login with his VHO account.

demogroupa : View active user

Expire **Delete** **Reset password** **Edit**

Username: dga-peter.smith
uniqueID: 032108@aai-test.vho-switchchaa.ch

Last name: Smith
First name: Peter
E-mail: peter.smith@example.edu.org
Entitlement: http://example.edu.org/dga
Business phone number: +1 23 4444 55 66
Business postal address: Golden Lane 7
80000 Los Angeles CA
Preferred Language: en
Description: Some demo user
Affiliation: affiliate
Home organization: aai-test.vho-switchchaa.ch
Home organization type: vho

Expiration date: 20.11.2008 00:00:00
Creation date: 20.11.2007 14:26:47
Last modification date: 20.11.2007 14:26:47

Screenshots administration tool (3)

...or easy mass user creation by file upload

demogroupa : Import users from CSV file

You can import a list of users in the VHO using a CSV ([Comma Separated Values](#)) file. Use this Excel template [vho-import.xls](#) to create your users list, then just export the sheet in CSV format (**UTF-8**) in order to import your users in the VHO.

CSV Data Specifications
At least the fields marked with an asterisk (*) need to be in your CSV header:

- **username***: The prefix **dga-** will be added automatically if missing.
- **password**: If the field has no value, a new password will be generated. Please choose a good password if you define one: minimum 6 characters, mixed uppercase and lowercase letters and at least one number.
- **surname***: The last name.
- **givenname***: The first name.
- **mail***: The email address of the user.
- **eduPersonEntitlement**: If the field has no value, <http://example.edu.org/dga> will be used as default prefix/value. For multiple entitlements please add additional **eduPersonEntitlement** columns.
- **postalAddress**: Use the dollar sign "\$" for line breaks.
- **telephoneNumber**: e.g. international format +41 44 268 15 05
- **preferredLanguage**: Must be one of de/fr/it/en.
- **description**: For your internal use. i.e. PhD Student.
- **dateExpire**: Expected format is **dd.mm.YYYY**
If the field has no date, the user will expire in [1 year](#).

- An AAI UniqueID will be generated automatically for each user.
- The file encoding should be **UTF-8**. (You can change the encoding in the [preferences](#))
- Additional columns in your CSV file will be ignored.

Choose the CSV file containing your users list to import in the VHO:

Screenshots administration tool (4)

Mail templates

New user

Subject:

(\$NAME\$, \$USERNAME\$, \$PASSWORD\$, \$GROUPADMIN\$)

Dear \$NAME\$,

We created you a new AAI account in the Virtual

Username: \$USERNAME\$
Password: \$PASSWORD\$

Please be aware that the username and password a

If you have any problem using your credential, p
help desk. A list of all VHO administrators is a
<http://www.switch.ch/aai/support/help/vho.html>

Best regards
your VHO Administrator
\$GROUPADMIN\$

Define views for list users function

Name	Sort attribute	Sort order	Users per page
A: <input type="text" value="short"/>	<input type="text" value="Username"/>	<input type="text" value="ascending"/>	<input type="text" value="20"/>
B: <input type="text" value="medium"/>	<input type="text" value="Username"/>	<input type="text" value="ascending"/>	<input type="text" value="20"/>
C: <input type="text" value="long"/>	<input type="text" value="Username"/>	<input type="text" value="ascending"/>	<input type="text" value="20"/>
D: <input type="text" value="custom"/>	<input type="text" value="Username"/>	<input type="text" value="ascending"/>	<input type="text" value="10"/>

The expired and deleted users will **only** be shown in view **D**.

A	B	C	D	Attributes
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Username
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	uniqueID
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Last name
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	First name
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	E-mail
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Entitlement
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Business phone number
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Business postal address
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Preferred Language
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Description
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Affiliation
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Home organization
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Home organization type
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Expiration date
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Creation date
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Last modification date
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Last login date

Customizing e-mail templates,
i.e. 'new user' or 'reset password'

Define custom views for the user list

VHOTOOLS demo access

SWITCH provides a demo access to the VHOTOOLS with some non-real groups and users.

Just try it at:

```
https://tools-test.vho-switchaai.ch/
```

with the following credentials:

```
username: switch-demoadmin (AAITest)
```

```
password: demoadmin
```

For further information, look at:

```
http://www.switch.ch/aii/vho/
```