



SWITCH

The Swiss Education & Research Network

Enrollment and Login to WebCT by Means of AAI

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Method A

- Interactive use of AAIportal
- Granting access to individual users by Course Owner
- Highly secure
- Established procedure (in productive use by the VITELS-project)

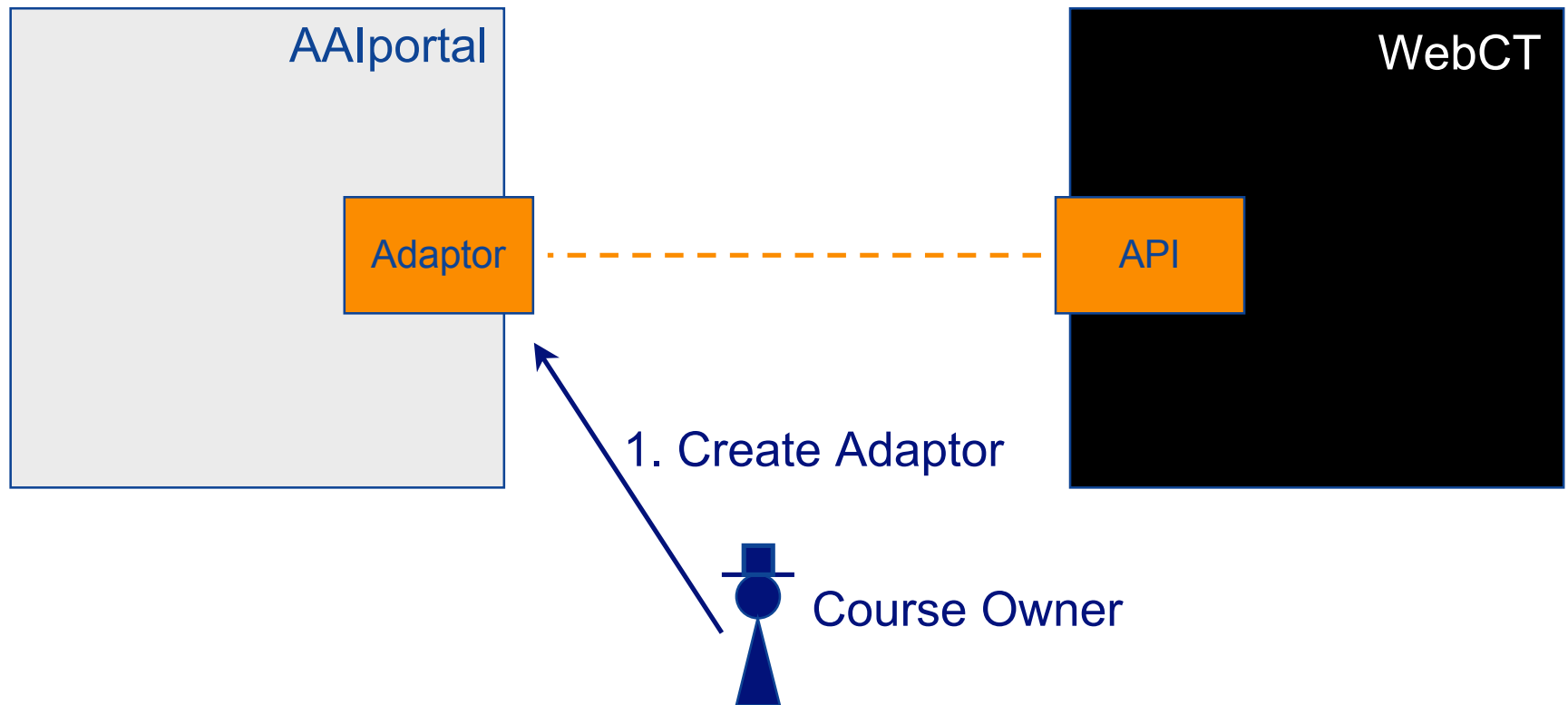
Method B

- „Transparent Mode“ (no interactive use of AAIportal)
- Granting access by communicating an „e-ticket“ valid for a whole group
- Not completely secure against unauthorized use (if e-ticket is stolen or guessed by another AAI-user)
- Beta status

Method A (Interactive Mode): Process Overview

- 1) Course Owner creates a new portal-resource (once per course)
- 2) Users subscribe to the resource
- 3) Course Owner grants access to individual Users
- 4) Users login via portal

A1) Course Owner creates new Adaptor



A1) Configuration of a new WebCT CE Adaptor in the AAIportal - The Details

WebCT CE Course Adaptor

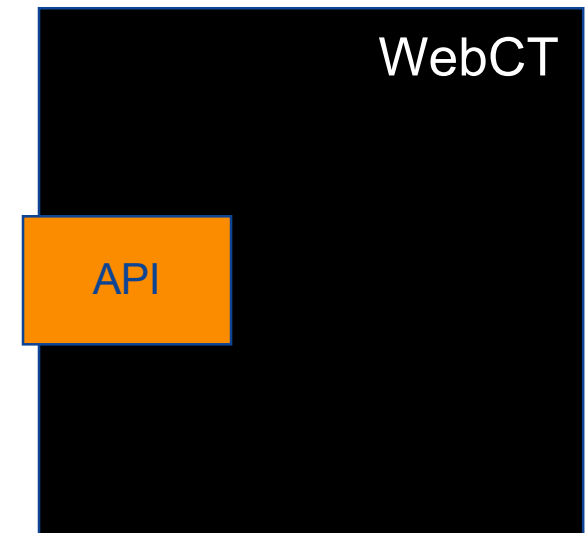
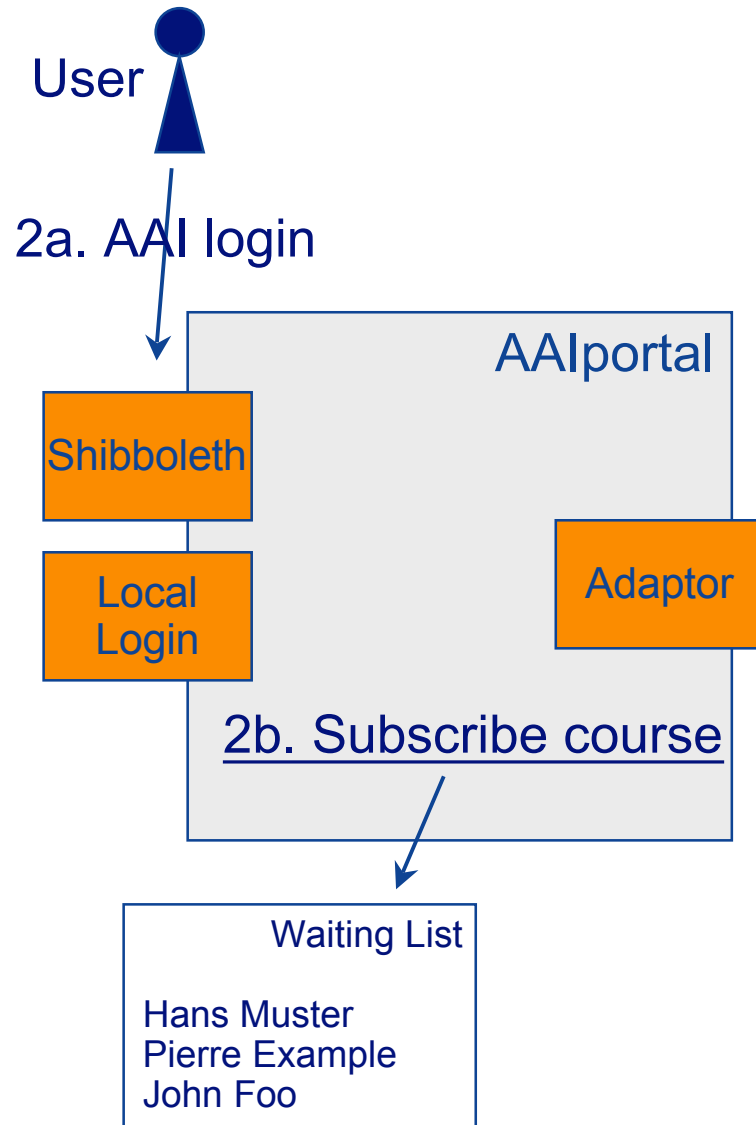
This Resource Adapter will autosignon users to the home page of a WebCT CE course. The adapter automatically creates (or updates) a WebCT CE user account given the current SwitchAAI user, assigns it a non-disclosed password, enlists it in the specified course, and redirects the user to the course home page. Please fill in the resource adapter parameters below.

This resource adapter requires you to provide additional parameters specific for this resource. Please fill in the following fields.

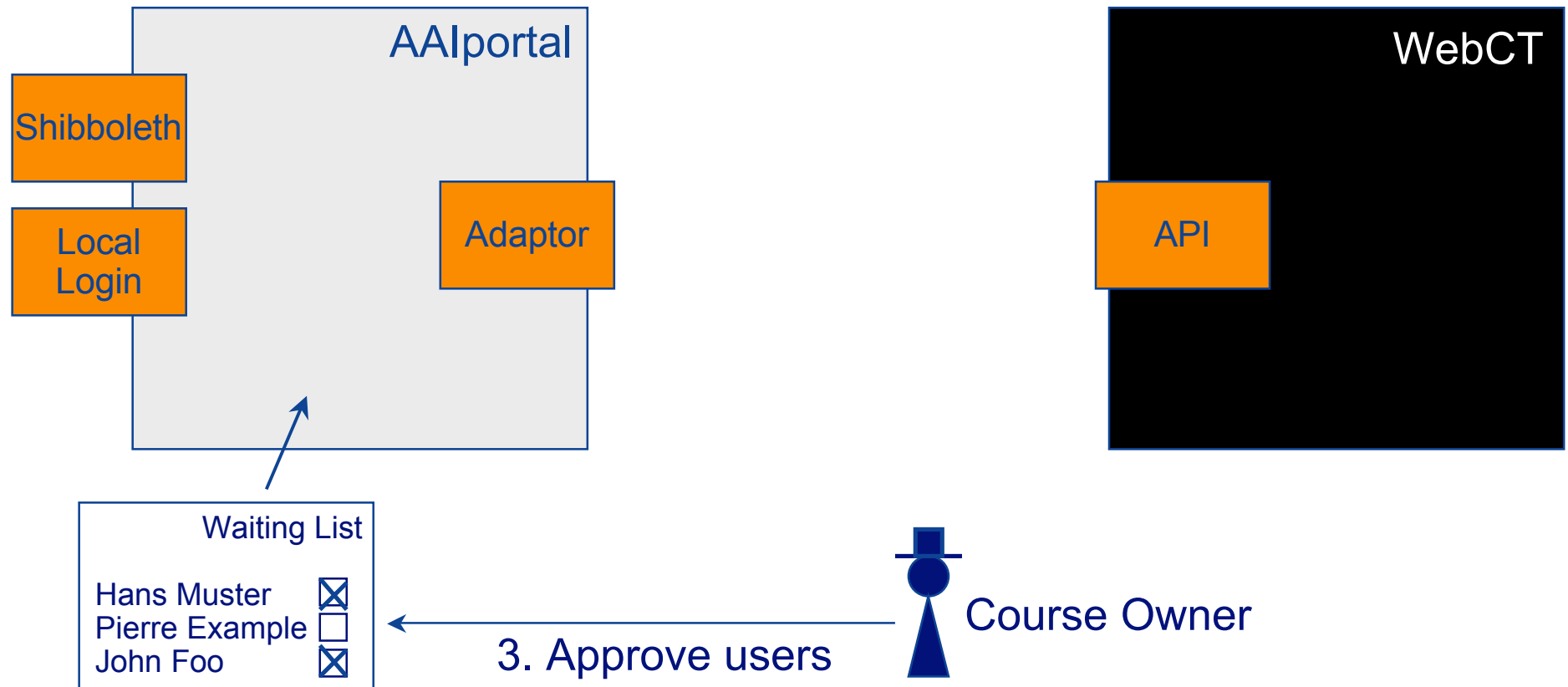
IMS API Request URL	<input type="text" value="https://aaltest5.unibe.ch:8900/webct/systemInt"/> The fully qualified URL to the IMS API script on the remote WebCT instance. Example: https://host.domain.com:8900/webct/systemIntegrationApi.dowebct
IMS API Shared Secret	<input type="text" value="*****"/> The shared secret established between AAI-Portal and the remote WebCT instance.
IMS Source Identifier	<input type="text" value="SWITCHaal"/> The IMS Source Identifier to be used when a user is created in the remote WebCT instance.
Autosignon API Request URL	<input type="text" value="https://aaltest5.unibe.ch:8900/webct/public/aut"/> The fully qualified URL to the Autosignon API script on the remote WebCT instance. Example: https://host.domain.com:8900/webct/public/autosignon
Autosignon API Shared Secret	<input type="text" value="*****"/> The shared secret established between AAI-Portal and the remote WebCT instance for autosignon.
WebCT CE Course ID	<input type="text" value="webctws_interactive"/> The WebCT CE course ID.

A2) Users Subscribe to Course

<https://demo.aaiportal.switch.ch/user>

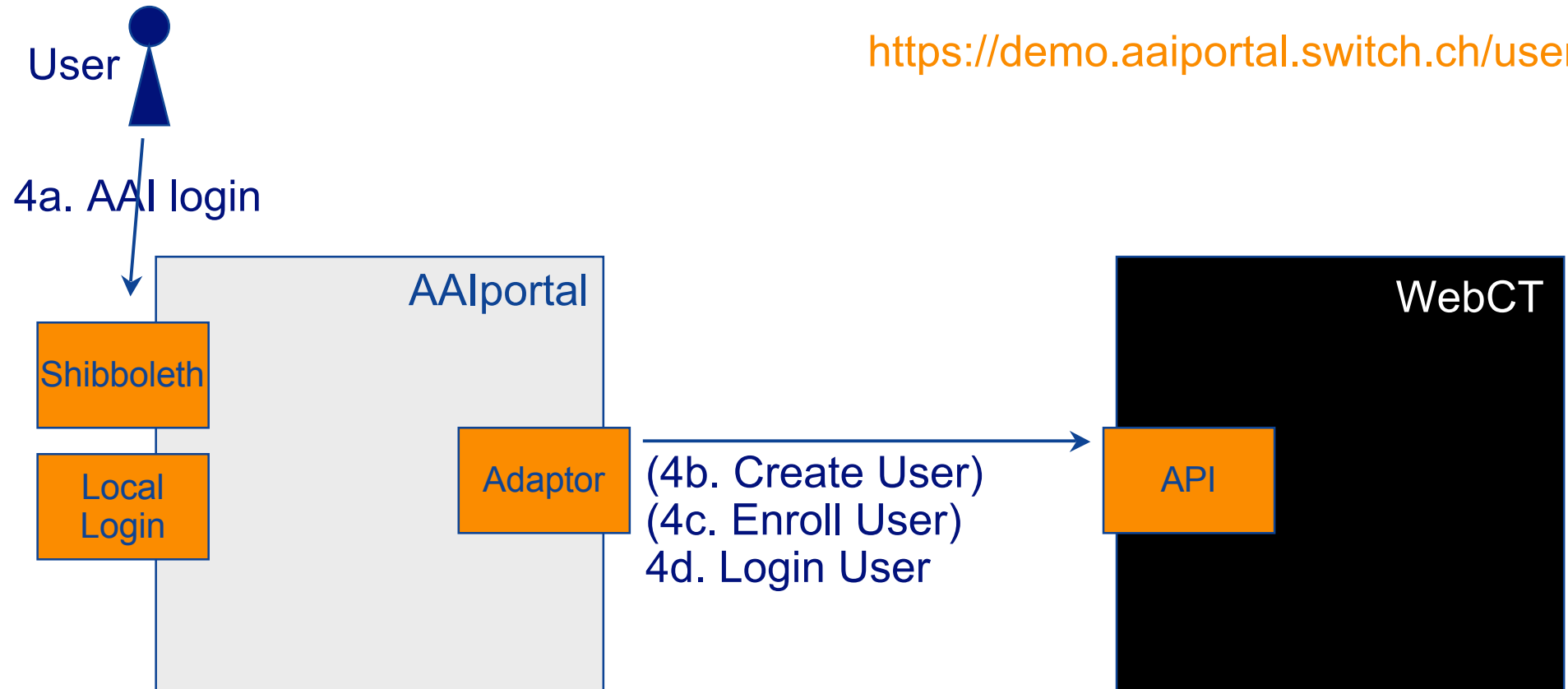


A3) Course Owner grants access

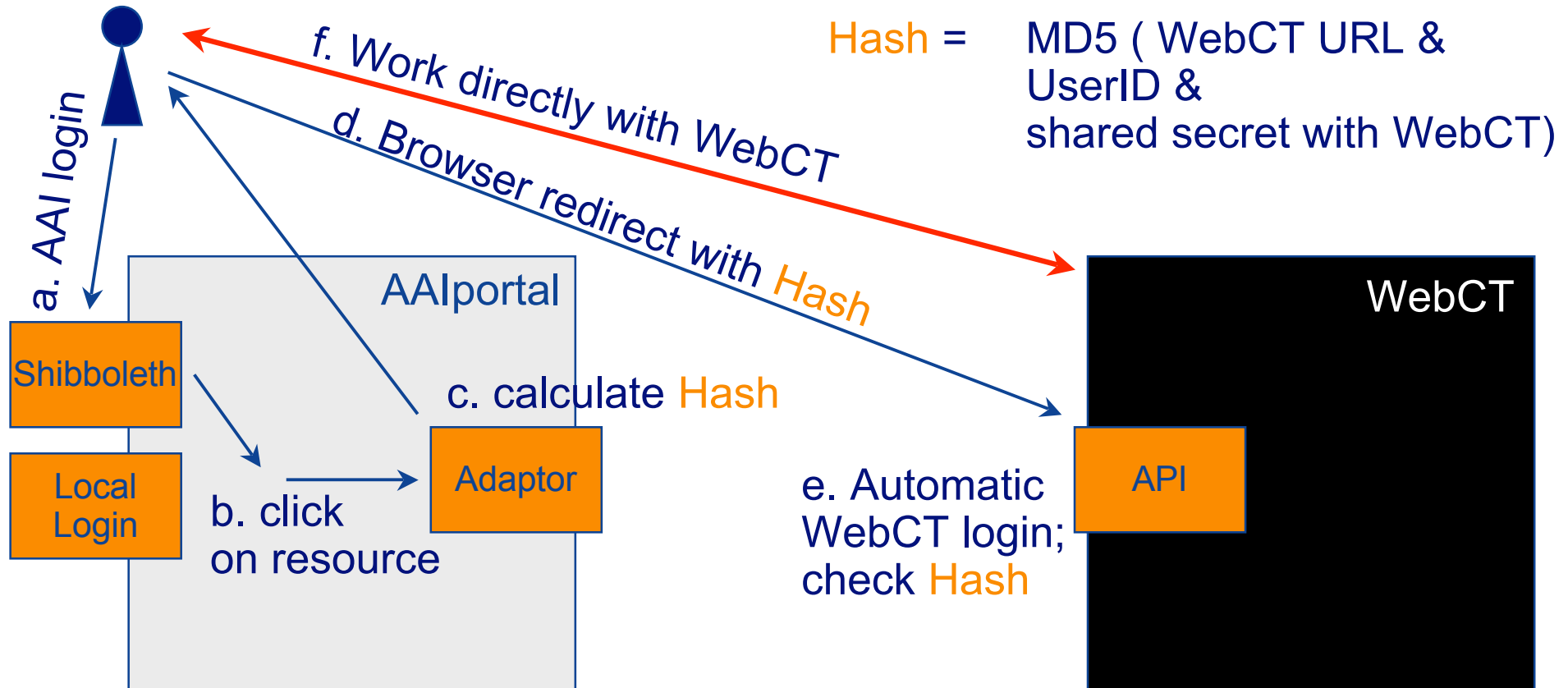


A4) User accesses Course

<https://demo.aaportal.switch.ch/user>



A4) Login - The technical Details



— once per session — session itself

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Method B (Transparent Mode): Process Overview

- 1) Portal Admin configures the AAIportal Plugin (once per AAIportal)**
- 2) Course Owner creates e-ticket and communicates it to the Users (once per course)**
- 3) User uses e-ticket to enroll and login**

B1) Portal Admin configures AAIportal Plugin (once per AAIportal) - The Details

Apache config

```
# WebCT CE and Vista plugins
#
Alias /plugins $AAIPORATAL_HOME/plugins

<Directory $AAIPORATAL_HOME/plugins>
  # PHP include path
  #
  php_value include_path
  "$AAIportal_HOME:$AAIportal_HOME/plugins"

  # Shibboleth Authentication
  #
  AuthType shibboleth
  require valid-user

</Directory>
```

/etc/apache/httpd.conf

AAIportal config

```
<?PHP

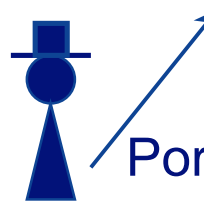
/** Defines the WebCT Vista server base URL */
define('WEBCTCE_SERVER_URL',
'https://aaitest5.unibe.ch:8900');

/** Defines the WebCT Vista shared secret used for
the autosignon operation. */
define('WEBCTCE_AS_SECRET', 'theSharedSecret');

/** Defines the WebCT Vista shared secret used for
the IMS operation. */
define('WEBCTCE_IMS_SECRET', 'theSharedSecret2');

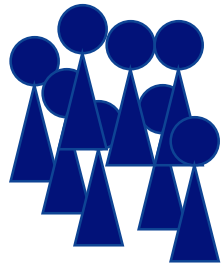
... (ask aai@switch.ch for Details)
```

/opt/aai-portal/config/webctce.config



Portal Admin

B2) Course Owner communicates the e-ticket to the Users



Course Users

By

- Mail
- (ev. hidden or internal) Webpage
- Printout
- Writing on Blackboard

e-ticket

https://test.aaiportal.switch.ch/plugins/webctce.php?action=register&courseid=webctws_transparent



Course Owner

B3) User clicks on e-ticket URL

https://test.aaiportal.switch.ch/plugins/webctce.php?action=register&courseid=webctws_transparent

