
SWITCH

The Swiss Education & Research Network

Installing Shibboleth for AAI on an IIS Web Server 6.0

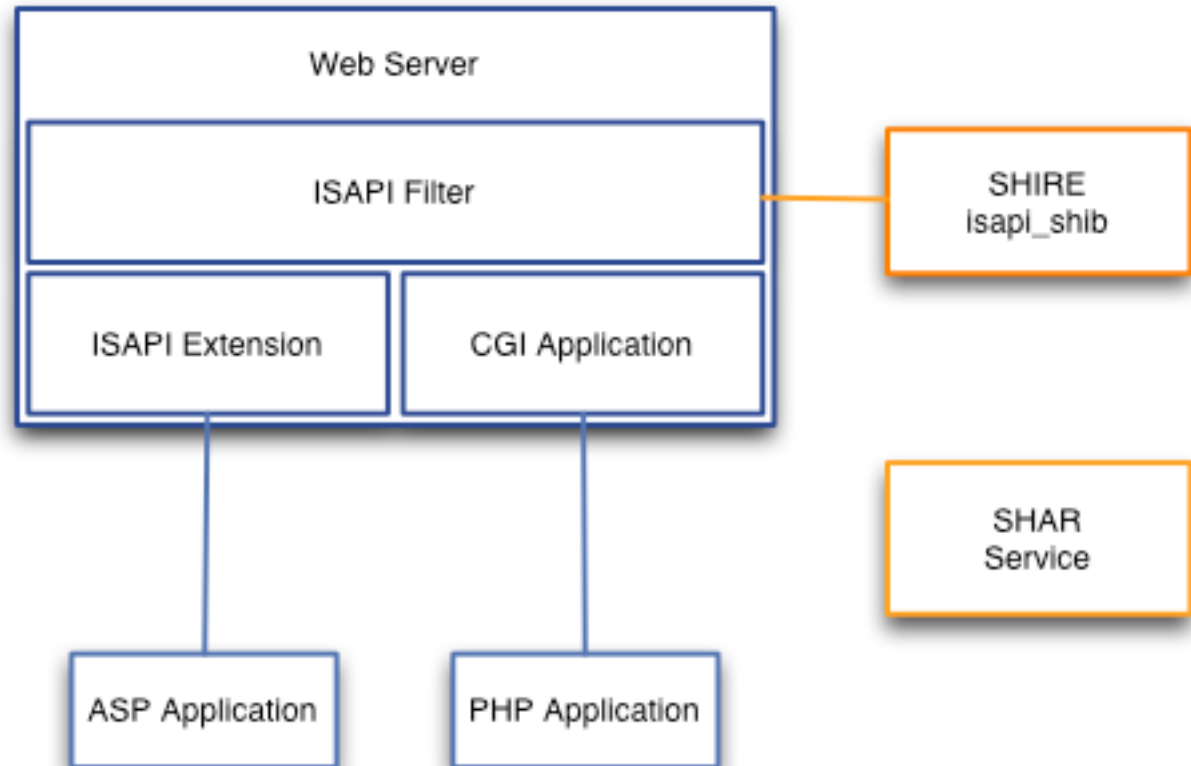
Patrik Schnellmann, <schnellmann@switch.ch>

Software Components

- IIS Web Server
- Shibboleth Target (isapi_shib)

- Shibboleth Target (SHAR)

- Dynamic Web Pages (ASP, PHP, CGI-Applications, ...)



What you need to get...

- ❑ **Shibboleth Install Package:**

<http://www.switch.ch/aai/docs/shibboleth/internet2/1.2/>

- ❑ **Sample configuration files for SWITCHaai**

<http://www.switch.ch/aai/docs/shibboleth/SWITCH/1.2/>

- ❑ **SWITCHpki certificate for your Web Server**

<http://www.switch.ch/aai/certificates.html>

❑ Shibbolized IIS Web Server

AAI Resource: IIS Web Server + Shibboleth Target 1.2

[<http://shibboleth.internet2.edu>](http://shibboleth.internet2.edu)

[<http://www.switch.ch/aai/deployment.html>](http://www.switch.ch/aai/deployment.html)

❑ SWITCHaai Federation Configuration Files (Shibboleth Target 1.2)

❑ shibboleth.switchaai.xml

❑ trust.switchaai.xml

❑ sites.switchaai.xml

❑ AAP.switchaai.xml

❑ Samples Files (IIS)

❑ ca-bundle.switchaai.crt

❑ shibboleth.xml

❑ Identifier in **/Applications**

`providerId=urn:mace:switch.ch:SWITCHhai:pilot:{HOSTNAME}`

❑ SWITCHhai Federation Metadata in **/Applications/..**

AAPProvider `C:/opt/shibboleth/etc/shibboleth/AAP.switchhai.xml`

FederationProvider `C:/opt/shibboleth/etc/shibboleth/sites.switchhai.xml`

TrustProvider `C:/opt/shibboleth/etc/shibboleth/trust.switchhai.xml`

❑ SWITCHpki Server Certificate Location in **/CredentialsProvider/Credentials**

`C:/opt/shibboleth/etc/shibboleth/{HOSTNAME}.key`

`C:/opt/shibboleth/etc/shibboleth/{HOSTNAME}.cert`

❑ shibboleth.xml (... continued)

❑ SHIRE-URL in **/Applications/Sessions**

❑ Error Pages Customization in **/Applications/Errors**
supportContact={CONTACT_EMAIL}
HTML pages, logo and stylesheet

❑ Protected Web Locations **/SHIRE/RequestMapProvider/RequestMap**

❑ IIS Site ID Mapping **/SHIRE/Implementation/ISAPI**

shibboleth.xml

...

```
<RequestMap applicationId="default">
  <Host name="teon.switch.ch"
        scheme="http">
    <Path name="secure"
          requireSession="true"
          exportAssertion="false">
    </Path>
  </Host>
</RequestMap>
```

...

⇒ isapi_shib forces authentication on requests for files in
<http://teon.switch.ch/secure/>