
How to Configure Apache for SSO

Gluu Appliance - version 1.0

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Install Shibboleth SP Package

The Shibboleth Service Provider (SP) software runs as a system service, and is configured via an apache module. For Centos, add shib.repo to /etc/yum/repos.d and install with yum:

```
# yum install shibboleth
# service shibd start
# chkconfig shibd on
```

For other systems, follow the instructions on the Shibboleth SP Installation page:

<https://spaces.internet2.edu/display/SHIB2/NativeSPLinuxInstall>

Copy Files From Archive

Copy following files:

```
# cp attribute-map.xml /etc/shibboleth/attribute-map.xml
# cp shibboleth2.xml /etc/shibboleth/shibboleth2.xml
# cp <idp-metadata.xml> /etc/shibboleth
# cp <sp-metadata.xml> /etc/shibboleth/
```

Note

IDP and SP metadata filenames are unique for each idp and sp. The SP metadata is based on the i-number for the trust relationship. The IDP metadata is based on the i-number for the organization.

Add Server Certificate to Metadata

Update server-cert in shibboleth2.xml at following location:

```
$ vi /etc/shibboleth/shibboleth2.xml
```

```
<ds:X509Certificate>
*****
Insert pem format of the key here
*****
</ds:X509Certificate>
```

Update hostnames and ports in config files

Edit hostname in secure session section in shibboleth2.xml file

```
$ vi /etc/shibboleth/shibboleth2.xml
```

```
<Host name="hostname">
<Path name="secure" authType="shibboleth" requireSession="true"/>
</Host>
```

Note

Hostname and port should match Apache's ServerName and Port directives

Edit httpd.conf file to set UseCanonicalName On:

```
UseCanonicalName: On
```

Protect Folder with Shibboleth SSO

Add following to httpd.conf file to protect directories

```
$ vi /etc/httpd/conf/httpd.conf
```

```
<Directory "path to directories">
AuthType shibboleth
ShibRequestSetting requireSession 1
ShibUseHeaders On
require valid-user
</Directory>
```

Restart shibd and apache httpd

```
# service httpd restart
```

```
# service shibd restart
```

Try to access `https://hostname/Shibboleth.sso/Status`