

## 3.4 Configure Shibboleth SP - Automatically validate metadata with ws-\* extensions for ADFS IdPs

Identity Providers based on ADFS can contain extensions in their metadata that by default are not validated by Shibboleth Service Provider. This means that SWAMID metadata will not automatically be validated by Shibboleth SP unless you add support for some schemas used by Microsoft.

### Add ws-\* extensions validation to Shibboleth SP

1. Download all schema files starting with "ws-" from <https://git.swamid.se/?p=swamid-metadata.git;a=tree;f=schema;hb=HEAD> and put them in the folder `${install_prefix}/share/xml/shibboleth/`. The ws-\* files are 2017-09-18
  - ws-addr.xsd
  - ws-authorization.xsd
  - ws-federation.xsd
  - ws-securitypolicy-1.2.xsd
2. Add configuration in `${install_prefix}/share/xml/shibboleth/catalog.xml` for downloaded schemas.

#### Example ws-\* schemas in catalog.xml

```
<system systemId="http://docs.oasis-open.org/wsfed/authorization/200706" uri="@-PKGXMLDIR-@/ws-authorization.xsd" />
<system systemId="http://docs.oasis-open.org/wsfed/federation/200706" uri="@-PKGXMLDIR-@/ws-federation.xsd" />
```

Note: ws-addr.xsd and ws-securitypolicy-1.2.xsd are loaded automatically due to that they are referenced in ws-authorization.xsd or ws-federation.xsd.

3. Restart Shibboleth SP to activate the new schemas.