

# SPConfigurationByTopic

Most of the configuration for Shibboleth behavior for the Service Provider lies in the file `shibboleth.xml`, located by default at `/opt/shibboleth-sp/etc/shibboleth/shibboleth.xml`. Additional configuration information, particularly for protecting resources and triggering Shibboleth protection, is located in Apache's [httpd.conf](#) or [.htaccess files](#), iPlanet's [conf files](#), and IIS' [configuration](#). Log levels are defined in an extensive set of `.logger` files.

Other documentation is available, including extensive in-line comments in configuration files, [initial configuration and deployment information](#), and [a guide to moving the provider to production use](#).

- [Main Configuration](#)
- [Attributes](#)
- [Protecting Resources](#)
- [PKI & Credentials](#)
- [Relying Parties & Federations](#)
- [Logging & Errors](#)

For troubleshooting, check the [common errors list](#) and then send an e-mail to [shibboleth-users@internet2.edu](mailto:shibboleth-users@internet2.edu).