

# Supported Protocols

## Shibboleth Implemented Protocols and Profiles

Below is a list of the protocols and profiles supported by V2.x and V3.x Shibboleth products, which are generally the same but any differences are noted.

- A **YES** does not indicate that every possible option has been implemented as some protocol/profiles have many tens or hundreds of possible options. It does indicate that at minimum all required options are supported.
- Some protocol implementations may not be available in the base download, but are available as extensions.

### Identity and Service Provider

Protocol/Profile	Identity Provider	Native Service Provider
SAML 1.1 <sup>1</sup>		
• SSO Profile	<b>YES</b>	<b>YES</b>
• Shibboleth SSO Request Profile	<b>YES</b>	<b>YES</b>
• Attribute Query	<b>YES</b> <sup>5</sup>	<b>YES</b> <sup>2</sup>
• Artifact Resolution	<b>YES</b>	<b>YES</b>
SAML 2.0		
• SSO	<b>YES</b> <sup>4</sup>	<b>YES</b>
• Attribute Query	<b>YES</b> <sup>5</sup>	<b>YES</b> <sup>2</sup>
• Artifact Resolution	<b>YES</b>	<b>YES</b>
• Enhanced Client	<b>YES</b> <sup>6</sup>	<b>YES</b>
• Single Logout	<b>YES</b> <sup>7</sup>	<b>YES</b>
• Name ID management	<b>NO</b>	<b>YES</b> <sup>3</sup>
• Name ID mapping	<b>NO</b>	<b>NO</b>
WS-Federation Passive (ADFS)	<b>NO</b>	<b>YES</b> (included with SP, but not enabled by default)
WS-Trust 1.3	<b>NO</b>	<b>NO</b>
OpenID 1	<b>NO</b>	<b>NO</b>
OpenID 2	<b>NO</b>	<b>NO</b>
OAuth	<b>NO</b>	<b>NO</b>
OpenID Connect	<b>YES</b> <sup>8</sup>	<b>NO</b>
CAS	<b>YES</b> <sup>9</sup>	<b>NO</b>

<sup>1</sup>Support for SAML 1.0 is minimal and mostly accidental with current releases.

<sup>2</sup>Implemented as part of SSO profile support, exposed through additional features in SP 2.6.

<sup>3</sup>Implemented only in the form of application notification hooks for IdP-initiated protocol. SP-initiated not supported.

<sup>4</sup>HTTP-Artifact binding only supported outbound to SP, not inbound.

<sup>5</sup>Implemented to rely on SPSSODescriptor role in metadata, no support for query extension role as yet.

<sup>6</sup>The basic variant is in the core since IdP 2.3. The delegated variant requires an extension. See [ECP](#) for details.

<sup>7</sup>A first implementation of real Single Logout was added in IdP 3.2 and is still under active development.

<sup>8</sup>An extension is under active development for IdP V3.4+

<sup>9</sup>Introduced in IdP V3, see documentation for specifics on features

## Discovery Services

Protocol/Profile	Centralized DS	Embedded DS
Shibboleth 1 Discovery (WAYF) Protocol	YES	NO
SAML 2 Discovery Service Protocol	YES	YES