

# ECP

The Enhanced Client/Proxy profile is an extension to the SAML 2.0 protocol suite that adds support for non-browser tools and applications to establish a Shibboleth session.

Enabling ECP sessions requires several steps to be completed:

1. [Enable ECP in the Shibboleth SP configuration](#) on the service to be accessed via ECP
2. [Register ECP support for this SP in the Federation Registry](#)
3. [Enable ECP on all IdPs accessing this service](#)

For testing ECP, there is a bash and python implementation of ECP at <https://wiki.shibboleth.net/confluence/display/SHIB2/Contributions#Contributions-Other%2CRelated%2CContributions>

- References:
  - IdP ECP profile configuration: <https://wiki.shibboleth.net/confluence/display/SHIB2/IdPSAML2ECPProfileConfig>
  - SAML 2.0-Errata-5 notes on ECP and Metadata: [http://docs.oasis-open.org/security/saml/v2.0/errata05/csprd01/saml-v2.0-errata05-csprd01.html#\\_RefHeading\\_\\_8068\\_1983180497](http://docs.oasis-open.org/security/saml/v2.0/errata05/csprd01/saml-v2.0-errata05-csprd01.html#_RefHeading__8068_1983180497)