

How to use as a Service Provider

This page describes how to make use of the DSX Discovery Service for your Service Provider (SP).

Discovery Service Configuration

There are multiple options how an SP can make use of the Discovery Service. The simplest one is to just redirect users to the Discovery Service URL, which we call "central discovery".

The DSX Discovery Service (formerly known as eduTEAMS Discovery Service) allows services to implement an (embedded) Identity Provider discovery.

Currently, the service is in a **pilot phase**, therefore some aspects of the service still may change.

This section contains functional and technical documentation on how to use the discovery service if you are an administrator of a service.

Use Central Discovery

For this very basic adoption using the DSX Discovery Service as central discovery service, everything an SP needs to know is the URL that the discovery service uses to serve SAML2 IdP discovery requests. Consult the documentation of the SAML SP product you are using on how to apply Discovery Service URL. If you are for example using the Shibboleth SP, consult the [Shibboleth documentation](#) ("discoveryURL") or in case of SimpleSAMLphp the [SimpleSAMLphp documentation](#) ("discoURL"). Generic information on the SAML2 IdP Discovery Service protocol are available in the [Identity Provider Discovery Service Protocol and Profile](#).

As for Shibboleth, one would use the following URL as `discoveryURL` in the `<SSO>` element of the Shibboleth SP main configuration file `shibboleth2.xml`.

eduTEAMS Discovery Service URL

<https://dsx.edugain.org/wayf.php>

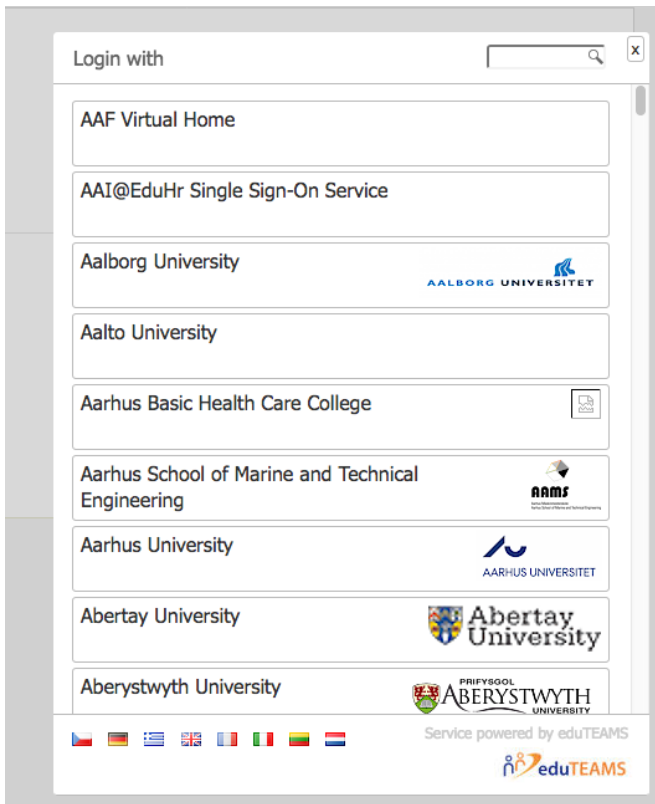
The disadvantage of using a central discovery service is that users are redirected to another host, which has a different look and feel from both the SP they intend to log in to as well as the IDP they intend to log in from.

Screencast to configure Discovery Service with Sibboleth SP

The above steps are also illustrated by the screencast "[DSX Discovery Service in 2 Minutes](#)" (uses the old name 'eduTEAMS Discovery Service' instead of DSX) that shows how to do this in 2 minutes with a Shibboleth SP.

Embedded Discovery

For an improved user experience and usability it is, however, recommended to go beyond the basic adoption and take advantage of the IdP filtering features and the embedded discovery. By combining these two features, a SP is able to offer an embedded discovery listing of IdPs that shows only the relevant IdPs for its user base.



The DSX Discovery Service can be seamlessly integrated into a web page of an SP by copy&pasting some HTML/Javascript code.

More details on how to use this on the [Embedded Discovery](#) feature.

Filtering the IdPs shown in the list of IdPs

By default the DSX Discovery Service lists all the eduGAIN IdPs.

An SP may reduce the list by using the [Filtering IdPs](#) feature.