

# Configure SAML entities

Now that you are logged in, you can go and register your service on the SURFconext platform. Note that at this moment it's possible to independently register and test entities on the test environment of SURFconext. Although it is possible to add and edit production connections here, the SURFconext team will submit the changes and additions to the [production environment](#) on your request.



In this stage we assume that you:

- Have an account at a connected Identity Provider. This can be at one of the to SURFconext connected institutions or a eduID guest account.
- Are member of the SURFconext Team associated with the service in the SP Dashboard
- Are logged in successfully at <https://sp.surfconext.nl>

Getting your service published on the Production Environment of SURFconext, the following needs to be taken care of:

- First you will **add an entity**.
- **Fill out all the forms** of that entity in the SP Dashboard. This is generally known as the metadata of your service in SURFconext.
- If your done with all the metadata, you can **publish the entity** to the test environment to start testing.
- You can **manage your entities** from here as well: add another one, remove an entity and promote an entity to production.
- If you are done, you can **promote the entity to production**.

## Add entity

An entity on SURFconext is the least you need to get going. Select 'Add new entity for test environment' to create a registration form.



If you see nothing familiar, start by selecting a service from the pull down at the top right of the window.

### Entities of service sp dashboard test

Entities @ production environment

Name	Entity ID	Protocol	State
No entities found.			

Entities @ test environment

Name	Entity ID	Protocol	State
No entities found.			
<a href="#">Add new entity for test environment</a>			

sp dashboard test status summary

Entity on production

Intake

0%

You will be prompted to select SAML 2.0 client, OpenID Connect client, or an OpenID Connect resource server. More information on the difference between OpenID Connect and SAML is in [our documentation](#). More information on resource servers can be found [here](#). Use the appropriate protocol and press 'create' to create a new registration form. We will use SAML 2.0 in the example below.



### From existing entity?

If you already have an entity on the test or production environment, you can use this entity as a template.

Privacy questions for this service provider have not been answered. Please answer [the privacy questions](#).

## CREATE REGISTRATION FORM

SURFconext supports both the SAML and the OpenID Connect standard. Select SAML or OpenID Connect and press create to create a registration form.

**Protocol?** [More info on protocols](#)

☒ SAML 2.0

☐ OpenID Connect client

☐ OpenID Connect resource server

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**From existing entity?** [What does this mean?](#) ⓘ

☒ No, create blank registration form.

☐ Yes

[CANCEL](#) [CREATE](#)

## Fill out the form

Assuming you got acquainted with SAML by now, most of the form is self explanatory. Extra information about fields can be found under the question mark. It is important to consider the attributes you need to receive via SURFconext so set the Name ID and attributes accordingly. More information on attributes can be found [on this page](#). Take your time to experiment with attributes whilst in the test environment.



### Data minimisation policy

SURFconext has a **data minimisation** policy, which means you only receive those attributes that are **strictly needed** to make your service work.

SURF

CONEXT

SP dashboard

Teun Fransen

Help

Logout

sp dashboard test

Service overview

Add new service

Translations

Service Provider registration form

For SAML Service Provider

Via this form you can register your SAML 2.0 entity. Please provide your public metadata URL, or paste the metadata in the field below. Fill out the rest of the details.

Press **Publish** to push the configuration to the test environment

Metadata

Please provide your public metadata URL, or paste the metadata in the field below. Complement the information that is not present in the metadata.

Import url

Pasted metadata

## Publish your entity

Satisfied with your filled out form? Press the 'publish' button to push your entity to the **test environment** of SURFconext. Your service will be connected automatically to the test /diy IdP, **ready to be tested**.

PUBLISH

CANCEL

## Manage your entities

The three dots at the end of each row shows all options for that entity.

Provider			
Protocol		State	
Protocol		State	
e.com/saml2	saml20	published	<div>ViewEditEdit IdP whitelistDelete</div>
mary			
take			

## Limit access to your entity

By default, **all** IdP's that are connected to the **test environment** are able to log in to your service. If you want to limit that access, you can do so. Select 'Edit IdP whitelist' from the dropdown: there you can choose which IdP's are allowed to connect to your service.

Protocol	State	
Protocol	State	
saml20	published	<div><div>...</div><div><div>View</div><div>Edit</div><div>Edit IdP whitelist</div><div>Delete</div></div></div>

## Production

If you have sorted everything out and all is working as expected you can [promote your entity to production](#).



When you promote your entity to production we will run through some technical checks together and see if the contracts are in place. Besides this we need you to provide us with the institution(s) you want to connect with as well as a contact at the institution. The latter is important because institutions don't simply connect to a service not knowing who initiated it.

## Navigate