Publish metadata and opt-in for eduGAIN

First, you must publish your own metadata on a URL accessible from the public internet. **Note:** within SURFconext, it is possible to send your metadata as a separate file directly to SURFconext, e.g. through email. However, for eduGAIN you MUST publish your metadata online.

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Metadata Requirements

SURFconext will publish your SP metadata in eduGAIN. It will make sure your metadata conforms to the eduGAIN Metadata Profile. To be able to do so, we impose some additional metadata requirements on SPs.

General requirements

See also the SAML V2.0 Metadata Interoperability Profile.

Encryption certificate

Within SURFconext assertions are *not* encrypted. However, in eduGAIN, many IdPs will only release attributes to SPs that support encryption. For compatibility, therefore you SHOULD publish an encryption certificate in your metadata (or have a certificate that can be used both for signing and encryption). Most standard SP software can do this by default.

Information for your organisation

Your SP metadata MUST contain:

- `<md:Organization>` with values in English and as appropriate also values in the service's native languages for the elements
- `<md:OrganizationName>`
- `<md:OrganizationDisplayName>`
- `<md:OrganizationURL>`
- `<md:ContactPerson>` with contactType="technical" and contactType="support".

If present, `<md:EmailAddress>` SHOULD **not** be a personal address but a role address to get in contact with the entity's responsible persons.

> ⚠ **Please note!** Each email address in your metadata **must** contain the "mailto:" prefix.

Do not include registrationInfo extension

- Do *not* include a `RegistrationInfo` extension tag with a `registrationAuthority`. SURFconext will set this upon publication.

User Interface extension

`<md:SPSSODescriptor>` SHOULD contain the elements:

- `<mdui:DisplayName>` with a value in English and as appropriate also values in the languages supported by the service
- `<mdui:Description>` with a value in English and as appropriate also values in the languages supported by the service
- We recommend to include a `<mdui:Logo>` with your service's logo hosted on a https location.

Sirtfi extension

We strongly recommend to comply with the Sirtfi extension which means you assert that you can handle security incidents properly and that you provide a contact point for these issues. There's an instruction on the REFEDS wiki of what to do.

Code of Conduct extension

We strongly recommend to comply with the eduGAIN Code of Conduct by indicating so in your metadata. It will certainly make the connection process for international IdP's more smooth. This should normally not be a problem because the requirements of the SURFconext Connection Agreement are at least as strict as those of CoCo. See Signing the REFEDS Data Protection Code of Conduct for how to do this.

Template

You can use this eduGAIN metadata template as an example.

Send your Metadata URL to SURFconext

Next, please contact support@surfconext.nl and send them your metadata URL. SURFconext will (re)publish your metadata to the eduGAIN feed.

After this step, you can continue to Consume metadata.