



# Metadata Registration Practice Statement

eduGAIN training for ngREN  
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## What is **the Metadata Registration Practice Statement (MRPS)** ?

SAML Metadata Producers **MUST** publish a **SAML Metadata Registration Practice Statement (MRPS)** in English in order for their SAML Metadata to be aggregated and published by eduGAIN.

The Metadata Registration Practice Statement **SHALL describe rules and procedures** used for registering entities which get exposed to interfederation, **including eligibility**.

# Metadata Registration Practice Statement : content

- Introduction and Applicability:

*The introduction should briefly introduce the Metadata Registration Practice Statement and describe the document publication process.*

- Member Eligibility and Ownership:

*It should **describe the process by which the Federation establishes member eligibility.***

*HOW members join is probably already documented in the Federation Policy, and this can be referenced here.*

*The MRPS should provide more detail about WHAT the Federation does to manage and restrict membership.*

# Metadata Registration Practice Statement : content

- Metadata Format:
  - *It should refer to the way in which registration information is referenced in the entity metadata.*
  - Example:

```
<mdrpi:RegistrationInfo registrationAuthority="http://Federation.org"
registrationInstant="2016-11-29T13:39:41Z"> <mdrpi:RegistrationPolicy xml:lang="en">
http://Federation.org/doc/MRPS20121110</mdrpi:RegistrationPolicy>
</mdrpi:RegistrationInfo>
```

# Metadata Registration Practice Statement : content

- Entity Eligibility and Validation:
  - *It describes the processes and checks put in place before an entity is registered.*
  - *Example:*

**Entity Registration:** The Federation Operator SHALL verify the member's right to use particular domain names in relation to entityID attributes and, for Identity Provider entities, any scope elements.

**EntityID Format:** Values of the entityID attribute registered MUST be an absolute URI using the http, https or urn schemes.

**Scope Format:** For Identity Provider entities, scopes MUST be rooted in the DNS domain namespace, expressed in lowercase. Multiple scopes are allowed.

**Entity Validation:** On entity registration, the Federation Operator SHALL carry out entity validation checks. These checks include:

- Ensuring all required information is present in the metadata;
- Ensuring metadata is correctly formatted;
- Ensuring protocol endpoints are properly protected with TLS / SSL certificates.

# Metadata Registration Practice Statement : content

- Entity Management:
  - *It describes the processes undertaken once an entity has been registered – including processes for change requests, removal and any intervention the Federation Operator may take.*
  - *Example:*

**Entity Change Requests:** Any request for entity addition, change or removal from Federation members needs to be communicated from or confirmed by their respective Registered Representatives.

**Unsolicited Entity Changes:** The Federation Operator may amend or modify the Federation metadata at any time in order to:

- Ensure the security and integrity of the metadata;
- Comply with interFederation agreements;
- Improve interoperability;
- Add value to the metadata.



## Metadata Registration Practice Statement : Template

It is RECOMMENDED that SAML Metadata Producers use the SAML Metadata Registration Practice Statement [Template](#), or ensure that that content described in the template is fully covered within published statements.

**MRPS Template:** <https://github.com/REFEDS/MRPS>



# Thank You

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