



# UbuntuNet Alliance- Identity Federation Training

Metadata Registration Practice  
Statement

[www.geant.org](http://www.geant.org)

## What is Metadata Registration Practice Statement ?

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 interederation, **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

Any questions?

[www.geant.org](http://www.geant.org)

