



CEDIA

Federation Operator Practice: Metadata Registration Practice Statement

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Table of Contents

| | |
|---|---|
| 1. Definitions and Terminology..... | 3 |
| 2. Introduction and Applicability..... | 4 |
| 3. Member Eligibility and Ownership..... | 5 |
| 4. Metadata Format..... | 6 |
| 5. Entity Eligibility and Validation..... | 7 |
| 6. Entity Management..... | 8 |
| 7. References..... | 9 |



1. Definitions and Terminology

The following definitions are used in this document:

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|----------------------------|--|
| Metadata | Information about the federation or the institution, with a specific format |
| Registrar | The entity who register the entities to be part of the MINGA federation. |
| Canonical Name | The name of the institution registered into the federation metadata . |
| DNS | Domain Name System |
| Federation | Identity Federation. An association of organisations that come together to securely exchange information as appropriate about their users and resources to enable collaborations and transaction |
| Federation Member | An organisation that has joined the Federation by agreeing to be bound by the Federation Policy in writing. |
| Federation Operator | Organisation providing the infrastructure for Authentication and Authorisation to Federation Members |
| Federation Policy | A document describing the obligations, rights and expectations of the federation members and the federation Operator |
| Entity | A discrete component that a member wishes to register and describe in metadata. This is typically an Identity Provider or Service Provider. |
| Registered Representatives | Individuals authorised to act on behalf of the member. These may take on different roles with different rights attached to them. |



2. Introduction and Applicability

This document describes the metadata registration practices of the Federation Operator CEDIA with effect from the publication date shown on the cover sheet. All new entity registrations performed on or after that date SHALL be processed as described here until the document is superseded.

This document SHALL be published on the federation website at: www.cedia.org.ec/minga. Updates to the documentation SHALL be accurately reflected in entity metadata.

An entity that does not include a reference to a registration policy MUST be assumed to have been registered under an historic, undocumented registration practice regime. Requests to re-evaluate a given entity against a current MRPS MAY be made to the federation helpdesk.



3. Member Eligibility and Ownership

Members of the CEDIA Federation Operator are eligible to make use of the MINGA registrar to register entities. Registration requests from other sources SHALL NOT be accepted.

The procedure for becoming a *MINGA* member is documented here: <http://www.cedia.org.ec/minga>

The membership process verifies that the prospective member has legal capacity, and requires that all members enter into a contractual relationship with the Federation Operator by agreeing to the Federation policy.

The membership process also identifies and verifies Registered Representatives, who are permitted to act on behalf of the organisation in dealings with the Federation Operator.

The process also establishes a canonical name for the Federation member and technical contact for it. The canonical name of a member MAY change during the membership period, for example as a result of corporate name changes or mergers or the technical staff. The member's canonical name is disclosed in the entity's <OrganizationName> element, and the technical contact in the <ContactPerson> element.



4. Metadata Format

Metadata for all entities registered by MINGA, SHALL make use of the [SAML-Metadata-RPI-V1.0] metadata extension to indicate that MINGA is the registrar for the entity and to detail the version of the MRPS statement that applies to the entity. The following is a non-normative example:

```
<mdrpi:RegistrationInfo
  registrationAuthority="http://minga.cedia.org.ec"
  registrationInstant="2016-11-29T13:39:41Z">
  <mdrpi:RegistrationPolicy xml:lang="en">
    http://www.cedia.org.ec/minga</mdrpi:RegistrationPolicy>
  </mdrpi:RegistrationInfo>
```



5. Entity Eligibility and Validation

5.1 Entity Registration

The process by which a federation member can register an entity is described at <http://www.cedia.org.ec/minga>.

The MINGA SHALL verify the member's right to use particular domain names in relation to entityID attributes.

The right to use a domain name SHALL be established in one of the following ways:

- A member's canonical name matches registrant information shown in DNS.
- A member MAY be granted the right to make use of a specific domain name through a permission letter from the domain owner on a per-entity basis. Permission SHALL NOT be regarded as including permission for the use of sub-domains.

5.2 EntityID Format

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

https-scheme URIs are RECOMMENDED to all members.

http-scheme and https-scheme URIs used for entityID values MUST contain a host part whose value is a DNS domain.

5.3 Entity Validation

On entity registration, the Federation Operator SHALL carry out entity validations check. These checks include:

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



6. Entity Management

Once a member has joined MINGA any number of entities MAY be added by the organisation.

6.1 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 at least 1 month before and MUST be via official document.

6.2 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.

Changes will be communicated to Registered Representatives for the entity.



7. References

- [RFC2119] Bradner, S., "Key words for use in RFCs to Indicate Requirement Levels", BCP 14, [RFC 2119](#), March 1997.
- [SAML-Metadata-RPI-V1.0] SAML V2.0 Metadata Extensions for Registration and Publication Information Version 1.0. 03 April 2012. OASIS Committee Specification 01. <http://docs.oasis-open.org/security/saml/Post2.0/saml-metadata-rpi/v1.0/cs01/saml-metadata-rpi-v1.0-cs01.html>.
- MINGA Policy Policy of the MINGA federation. <http://www.cedia.org.ec/index.php/politicas-de-la-federacion>