COFRe: Comunidad Federada REUNA

Identity Federation Rules

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1. Definitions and Terminology

In this document

Attribute	A piece of information describing the End User, his/her properties or roles in an Organization.
Authentication	Process of proving the identity of a previously registered End User.
Authorization	Process of granting or denying access rights to a service for an authenticated End User.
Digital Identity	A set of information that is attributable to an End User. It is issued and managed by an Identity Provider Organization on the basis of the identification of the End User.
End User	Any natural person affiliated to an Identity Provider Organization, e.g. as an employee, researcher or student making use of the service of a Service Provider.
Federation	Identity federation. An association of organizations that come together to exchange information as appropriate about their users and resources to enable collaborations and transactions.
Federation Operator	Organization providing Infrastructure for Authentication and Authorization to Federation Members.
Federation Member	An organization that has joined the Federation by agreeing to be bound by the Federation Rules in writing. Within the federation framework, a Federation Member can act as an Identity Provider Organization and/or a Service Provider.
Identity Provider Organization or IdP	The organization with which an End User is affiliated. It is responsible for authenticating the End User and managing End Users' digital identity data.
Identity Management	Process of issuing and managing end users' digital identities.
Interfederation	Voluntary collaboration of two or more Identity Federations to enable End Users in one Identity Federation to access Service Providers in another Identity Federation.
Service Provider or SP	An organization that is responsible for offering the End User the service he or she desires to use. Service Providers may rely on the authentication outcome and attributes that Identity Provider Organizations assert for its End Users.
Technology Profile	A defined type of federated technology (e.g. WebSSO, eduroam)
Technology Profile appendix	Document which describes the related rules for a specific Technology Profile.
WebSSO Identity Provider Organization appendix	Appendix with specific rules for Federation Members who wants to apply to the federation as a WebSSO Identity Provider Organization

WebSSO Services Providers appendix	Appendix with specific rules for Federation Members who wants to apply to the federation as a WebSSO Services Providers
eduroam appendix	Appendix with specific rules for Federation Members who wants to apply to the federation as a eduroam Identity Provider Organization or Services Providers.

2.   Introduction

An Identity Federation (Federation) is an association of organizations that come together to exchange information, as appropriate, about their users and resources in order to enable collaborations and transactions.

The Comunidad Federada REUNA, COFRe (the Federation) is introduced to facilitate and simplify the introduction of shared services across the Federation. This is accomplished by using Federation Technologies to extend the scope of a digital identity issued by one Federation Member to be valid across the whole Federation. The Federation relies on Identity Provider Organizations to correctly and accurately assert information about the identity of End Users to Service Providers, that may use that information to grant (or deny) access to the services and resources they offer to End Users.

The Federation Rules document defines the Federation by defining the Federation Members' obligations and rights to be able to use available Federation Technologies for electronic identification and for access to attribute and authorization information about End Users in the Federation.

This document, together with its appendices constitutes the Federation Rules. The current list of all appendices is available on the website of COFRe.

3.   Governance and Roles

3.1 Governance

The Federation is managed for REUNA, the Chilean National Research and Education Network.

In addition to what is stated elsewhere in the Federation Rules, REUNA is responsible for:

- Setting criteria for membership for the Federation.
- Evaluate and determine whether to grant or deny an application for membership in the Federation.
- Revoking the membership if a Federation Member is in a breach of the Federation Rules.
- Evaluate and determine future directions and enhancements for the Federation.
- Evaluate and determine entering into interfederation agreement.
- Maintaining formal ties with relevant national and international organizations.

- Approving changes to the Federation.
- Deciding on any other matter referred to the Federation.

3.2 Obligations and Rights of Federation Operator

This federation is operated by REUNA, the Chilean National Research and Education Network.

In addition to what is stated elsewhere in the Federation Rules, REUNA is responsible for:

- Secure and trustworthy operational management of the Federation and providing central services following the procedures and technical descriptions specified in this document and its appendices.
- Provides support services for Federation Members' appropriate contact persons to work out operational problems regarding the Federation services.
- Acts as center of competence for Identity Federation: tests software, recommends and documents solutions, provides software deployment and configuration guides for selected software and operating systems for use within the Federation.
- Maintaining relationships with national and international stakeholders in the area of Identity Federations. This especially includes contacts regarding interfederation activities and work with other Identity Federations in the area of harmonization.
- Promoting the idea and concepts implemented in the Federation so prospective Federation Members learn about the possibilities of the Federation.

In addition to what is stated elsewhere in the Federation Rules, REUNA reserves the right to:

- Temporarily suspend individual Technology Profiles for a Federation Member that is disrupting secure and trustworthy operation of the Federation.
- Publish a list of Federation Members along with information about which profiles each Federation Member fulfills or implements, for the purpose of promoting the Federation.
- Publish some of the data regarding the Federation Member using specific Technology Profile. Definition of which data may be published is provided in appropriate Technology Profiles.

3.3 Obligaciones y Derechos de los Miembros de la Federación

In addition to what is stated elsewhere, in the Federation Rules all Federation Members:

- Shall appoint a technical and/or an administrative contact for interactions with REUNA.
- Must cooperate with REUNA and other Members in resolving incidents and should report incidents to REUNA in cases where these incidents could negatively affect the security, trustworthiness or reputation of the Federation or any of its Members.

- Must comply with the obligations described in the Technology Profiles appendix.
- According to the Member type a fee could be apply. Prices and payment terms are specified in appendix Fees.
- Shall agree in facilitate the use of their names in the communicational channels disposed by REUNA, for the purpose of promoting the Federation.
- In the same way, if the institution is a partner of the "Red Universitaria Nacional" Corporation, the institution shall commit to mention REUNA as the service operator in their communicational media as appropriate.

4.   Eligibility

The Federation sets out eligibility criteria that determines who is able to become a Federation Member. Depending on the profile that the institution wants to apply (WebSSO Service Provider, WebSSO Identity Provider Organization or eduroam) the criteria is fully described in the respective appendix. Responsibility for define membership criteria rests with REUNA and may be revised from time to time.

5.   Procedures

5.1 How to Join

In order to become a Federation Member, an organization applies for membership in the Federation by agreeing to be bound by the Federation Rules in written by an official representative of the organization.

Each application for membership has to be sent to REUNA who in turn decides on whether to grant or deny the application.

If the application is denied, this decision and the reason for denying the application are communicated to the applying organization by REUNA.

5.2 How to Renew

The membership of a Federation Member is valid for one year, starting in the granted application date and is renewable automatically for one year.

5.3 How to Withdraw

A Federation Member may cancel its membership in the Federation at any time by sending a request to REUNA. A cancellation of membership in the Federation implies the cancellation of the use of all federations Technology Profiles for the organization in reasonable time interval.

6. Legal conditions of use

6.1 Termination

A Federation Member who fails to comply with the Federation Rules may have its membership revoked.

If REUNA is aware of a breach of the Federation Rules by a Federation Member, REUNA may issue a formal notification of concern within 5 days after REUNA is informed. If the cause for the notification of concern is not rectified within 60 days by the Federation Member, REUNA may issue a formal notification of impending revocation after which REUNA can make a decision to revoke the membership.

Revocation of a membership implies as soon as possible the revocation of the use of all Technology Profiles for the Federation Member.

6.2 Interfederation

In order to facilitate collaboration across national and organizational borders the Federation may participate in interfederation agreements. How the potential interfederation agreement is administratively and technologically reflected for certain technology is described in appropriate Technology Profiles.

The Member understands and acknowledges that via those interfederation arrangements the Member may interact with organizations which are bound by and committed to foreign laws and federation policies. Those laws and policies may be different from the laws and policies in this Federation.

6.3 Amendment

REUNA has the right to amend the Federation Rules from time to time. Any such changes need to be reviewed by REUNA and shall be communicated to all Federation Members via email at least 90 days before they are to take effect.