



Corporación Universitaria para el Desarrollo de Internet A.C.
Internet 2 - México



FENIX

Identity Federation Policy

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Last Modification	April 18, 2017
Version	1.0
Date	April 18, 2017



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The research conducted by CUDI and leading to these results has received funding from FONCICYT, under Agreement 4 / II / 2014, which authorized the allocation of resources to support the Second Call for registration of pre-proposals CONACYT Horizon2020 and through Agreement number 15/IVE/2015, of the Technical and Administration Committee of "FONCICYT", authorizing the transfer of resources in favor of CUDI for the development of the project called "**M**iddleware for Collaborative **A**pplications and **G**lobal **V**irtual Communities". It is based on the results obtained from the financing granted by the Seventh Framework Program (FP7 2007-2013) of the European Community, under Grant Agreement No. 238875 (GÉANT).

This document is based on the "SWAMID Federation Policy v2.0 " written by L. Johansson, T. Wiberg, V. Nordh, P.Axelsson, M. Berglund, available at <http://www.swamid.se/11/policy/swamid-2.0.html> ©2010 SUNET (Swedish University Computer Network) ©2012 GÉANT, ©, *2016, Corporación Universitaria para el Desarrollo de Internet, A. C. (CUDI)*, under license of **Creative Commons Attribution-ShareAlike Unported**: <http://creativecommons.org/licenses/by-sa/3.0/> .



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1. Definitions

Identity Management	Process of issuing and managing the digital identities of the End Users.
Technological Profile Annex.	Document describing the rules related to a Technological Profile
Annex IdP	Annex with the policies for Members of the Federation who wish to join this as Identity Providers.
Annex SP	Annex with the policies for Members of the Federation who wish to join this as Service Providers.
Attribute	Piece of information describing the End User their properties and/or their roles within an Organization.
Authentication	Process by which the identity of a previously registered End User is verified.
Attributes Authority	The organization responsible to administering additional attributes for an End User in an Organization.
Authorization	Process to allow or deny the right of access to a service for previously authenticated End User.
Digital Identity	A set of information attributable to an End User. This information is issued and administered by an Identity Provider Organization based on prior End User Authentication.
End User	Any person affiliated to an Identity Provider Organization, eg. an employee, a researcher, teacher or student, making use of the services of a Service Provider.
Federation	The Identity Federation. An association of organizations that unite to exchange information of their users and their resources, in order to allow collaboration and transactions.
Identity or IdP Provider Organization	Organization with which the End User is affiliated. This is responsible for authenticating the End User and managing the data of the Digital Identity of its End Users.
Interfederation	Voluntary Collaboration of two or more Identity Federations to enable End Users in an Identity Federation to access to Service Providers of another Identity Federation.
Member of the Federation	An organization that has joined the Federation by accepting in writing the Federation Policies. Within the framework of the Federation a Member may act as an Identity Provider and/or a Service Provider.
NREN	National Research and Educations Network (Also known as NREN)
Operator of the Federation	Organization which provide the infrastructure for the Authentication and Authorization of the Members of the Federation.
Service Provider or SP	Organization responsible to offering the End User the service it intends to use. The Service Providers can rely on the results of the authentication and attributes that the Identity Providers validate from their End Users.
Technological profile	One type of Federation Technology, e.g. WebSSO, eduroam.



2. Introduction

An Identity Federation (Federation) is an association of organizations that unite to exchange information about their users and resources, in order to allow collaboration and transactions.

The Mexican Identity Federation (FENIX and/or the Federation) was created in order to facilitate and simplify the introduction of shared services through it. This is achieved using Federated Technologies that allow the extension of a Digital Identity issued by a Member of the Federation and valid throughout the Federation. The Federation trusts that Identity Provider Organizations correctly and accurately provide information on the identity of their End Users to Service Providers who may use that information to allow or deny access to the services and resources they offer to the End Users.

The document "Federation Policies" defines the Federation by establishing the obligations and the rights of the members to use the Federation Technologies available for the electronic identification and access to the information of attributes and authorizations on the End Users.

The present document, together with its annexes, constitute the Policies of the Federation. The current list with all attachments is available on the FENIX website.

3. Governance and Functions

3.1 Governance

The Federation is administered by the Corporación Universitaria para el Desarrollo de Internet, A.C. (CUDI), the National Network of Education and Research in Mexico.

In addition to what is stated in any other section of the Federation's Policies, CUDI is responsible for:

- Establish the criteria for affiliation to the Federation.
- Evaluate and accept or reject an application for affiliation to the Federation.
- Evaluate and accept or reject a request for a Member to act as IdP.
- Revoke membership if a Member of the Federation breach of the provisions of the Federation's Policies.
- Evaluate and determine plans and improvements for the Federation.
- Evaluate and sign agreements of Interfederation.
- Maintain formal links with relevant national and international organizations.
- Authorize changes in Federation Policies.
- Manage the finances of the Federation.
- Authorize the fees to be paid by the Federation Members to cover the Federation's operating costs.
- Decide on any other situation regarding the Federation.



3.2 Obligations and Rights of the Federation Operator

The Federation is operated by CUDI, the National Education and Research Network in Mexico.

In addition to what is stated in any other section of the Federation's Policies, CUDI is responsible for:

- Safe and reliable operational management of the Federation and the provision of core services following the procedures and technical descriptions specified in this document and its annexes.
- Provide support services to the contact persons of Federation Members to resolve operational problems related to Federation services.
- Act as a competence center for the Identity Federation: testing software, recommending and documenting solutions, providing implementation and configuration guides for the software and operating systems selected for use within the Federation.
- Prepare and present issues to the Federation administration group and participate, through a representative, in the management group meetings.
- Maintain relations with national and international stakeholders in the field of Identity Federations, especially contacts related to Interfederation activities and work with other Identity Federations in the area of harmonization.
- Promote the idea and concepts implemented in the Federation so that potential new Members can obtain information about the possibilities of the Federation.

In addition to what is indicated in any other section of the Federation's Policies, CUDI reserves the right to:

- Temporarily suspend the individual Technological Profiles for a Member of the Federation that is interrupting the safe and reliable operation of the Federation.
- Publish a list of Federation Members with information on what Profiles each Federation Member fulfills or implements, with the purpose of promoting the Federation.

Publish some of the data related to a Member of the Federation, using a specific Technological Profile. The definition of which data can be published is provided in the corresponding Technological Profile.

3.3 Obligations and Rights of Members of the Federation

In addition to what is indicated in any other section of the Federation's Policies, each Member of the Federation undertakes to:

- Be a CUDI Member and be up-to-date on the payment of your dues. The conditions can be consulted at <http://www.cudi.edu.mx/miembro>
- Designate an administrative contact to interact with CUDI.
- Cooperate with CUDI and other Members in resolving incidents, and should report these to CUDI in cases where they may adversely affect the safety, reliability or reputation of the Federation or any of its Members.
- Comply with the obligations described in the Technological Profiles.
- Ensure that the Information Technology (IT) systems used in the implementation of their Technology Profile are operated safely.
- Conduct in accordance with the provisions of the Federal Law on the Protection of Personal Data held by Individuals, in case they process personal data.
- Facilitate the use of your name in the communication channels provided by CUDI, in order to promote the Federation.



- Mention CUDI as the operator of the Identity Federation service in its dissemination actions.

4. Eligibility

The Federation establishes the eligibility criteria that determine who can become a Member of the Federation and which Technological Profile it would apply (Service Provider or Identity Provider).

The responsibility for establishing the criteria for membership is from CUDI, who may periodically review them.

5. Procedures

5.1 Application for membership

To become a member of the federation, you must meet the eligibility criteria described in the SP Policy Annex, and, in the IdP Policy Annex as the case may be, and accept in writing the observance of the Participation Policies in the Federation. An official representative of the requesting organization must complete and sign the application letter to become a Member, which can be downloaded from the Fenix Site (www.fenix.org.mx). In case your application is accepted, you must sign the Federation Policies and the annexes that correspond to you.

Each request letter must be sent to CUDI (afiliaciones@fenix.org.mx) will evaluate the income to Federation, according to the established criteria. If the application is rejected, both the decision and the assessment must be communicated by CUDI to the requesting organization.

5.2 Renewal

Membership is valid for one year from the date of acceptance and is renewed automatically for periods of one year, provided that the Member is aware of the payment of the CUDI membership and there is no other cause for which the renewal cannot be accepted.

5.3 Cancellation

Members of the Federation may cancel their membership at any time by sending a request to CUDI, (afiliaciones@fenix.org.mx). Such termination implies the revocation of access to all the Federation's Technological Profiles for the organization in a Period no greater than 15 calendar days.

CUDI may cancel its participation in the Federation by announcing the date of termination to Federation Members. Until the date of termination, CUDI shall operate the Federation in the best possible manner. After the termination date CUDI shall cancel the use of all the Technological Profiles of all Federation Members.

6. Legal Terms of Use

6.1 Cancellation



If a Member does not comply with the Federation's Policies, it may lose its membership.

If CUDI is aware of any breach of the Federation's Policies, it may issue a formal notice of warning. If the cause of the warning notice is not corrected by the Member within 30 calendar days, CUDI may issue a formal notice of revocation, and may make the decision to terminate membership on a permanent basis.

The revocation of the membership implies the cancellation of the use of all the Technological Profiles of the Member of the Federation.

6.2 Interfederation

In order to facilitate international collaboration, the Federation may participate in Interfederation agreements. The way in which the potential agreement is reflected administratively and technologically for certain technologies is described in the corresponding Technological Profiles.

The Federation Member understands and recognizes that through these Interfederation agreements it may interact with organizations that are obligated and committed to comply with foreign policies and Federation laws. Such laws and policies may be different from the laws and policies of this Federation.

6.3 Modification

CUDI has the right to modify the policies of the Federation. Such changes must be communicated in writing (e-mail and/or postal mail) to all Members of the Federation at least 90 calendar days before coming into force.