

Lanka Education and Research Network

LIAF

What is LIAF

The LIAF is the identity federation consisting of education and research entities (including and not limited to institutions of higher learning, research institutes, colleges, and partner organizations) in Sri Lanka, who are users of academic e-resources, and organizations and companies (including and not limited to publishers, cloud service providers, public service departments, and other partners) who are providers of such e-resources.

Website - <https://liaf.ac.lk/>

LIAF Features

- By mutually trusting rules/policy stipulated by the LIAF Federation, organizations will be able to utilize federated access among each other. Once the federated authentication is implemented, Web Single Sign-On (the mechanism where a single ID and password permit a user to access all systems on the web) will be enabled; thus create an environment where a user can access other institutional and commercial services using a single password and without the need to re-enter the ID or password for as long as the session allows it.
- Lanka Education and Research Network, introduces "LIAF" to its community as a single point getting their applications and systems authenticated. LIAF will use Shibboleth based SAML2.0 system to keep Single-Sign-On work through out the domain.
- The LIAF allows users to have access to services offered by multiple Service Providers using only one account. LIAF also facilitates online collaboration in the cloud, both between users within the same institution as between users from different institutions.

If you connect your institute to LIAF

- Users can access all services with a single login account.
- You don't have to implement and maintain a custom made connection to each service or Service Provider separately.
- You can regulate authorization for entire groups of students and employees easily.
- You can integrate your internal authorization resources with LIAF.
- Easy integration of services thanks to open standards.
- Enhance user privacy.

Joining to LIAF

Joining as an Identity Provider

To join LIAF as an Identity Provider, your organization needs to be part of Lanka Education and Research Network. All LEARN connected applicant Universities / Institutes may sign the policy agreement by the head of the institution and submit membership form on Support email address or by post. The federation may request additional information with regard to participating institution.

Joining to LIAF

Joining as a Service Provider

The Service provider can be a SAML SSO-enabled web resource such as e-learning platforms, web shops, e-journal databases, etc. which make use of federated authentication and do authorize access to their applications based on the information they got from the Identity Provider of the users home organization. LIAF accepts applications from LEARN members and any other higher education, research, content providers that supports SAML SSO. Based on the LIAF Policy and Data Protection Profile, LEARN management will decide the eligibility of the applicant.

Procedure in Joining

- Applicant must agree to terms and conditions/Registration Policy of the federation and they need to send the scanned signed documents to noclearn.ac.lk along with the following provider applications.
 - Application as an Identity Provider
 - Application as a Service Provider
- Once your request has been approved, you will be asked to submit the SAML metadata for the Federation Registry database. Metadata Registration Practice Statement can be found from here
- Credentials to the Federation Registry for entry maintenance will be sent to the registrant support contact via email.

Participants – Identity Providers

Institute	Joined Date	Contact Details
Industrial Technology Institute - Sri Lanka	2018-11-06	Manoj Dilshan ✉: dilshan@iti.lk
Faculty of Medicine, University of Kelaniya	2018-11-28	Chamika Mahakubura ✉: chamikamahakumbura@hotmail.com
Faculty of Technology, University of Ruhuna	2018-12-20	Buddhika Sandaruwan ✉: buddhikasandaruwan@gmail.com
University of Colombo School of Computing	2019-06-07	Fauzaan Mahroof ✉: frm@ucsc.cmb.ac.lk
University of the Visual and Performing Arts	2019-06-12	Shamli Rajapakshe ✉: shamli@vpa.ac.lk Dharshana Hewage ✉: dharshana.h@vpa.ac.lk
University Grants Commission - Sri Lanka	2019-06-12	Vindya Manamperi ✉: vindyamanamperi@ugc.ac.lk
University of Kelaniya - Sri Lanka	2019-06-13	Inosha Priyashantha ✉: inosha@kln.ac.lk
University of Moratuwa	2019-06-14	Nadeesha Ranaweera ✉: nadeeshar@uom.lk

Metadata

The Metadata is an important part of the SAML Federation. In essence, it is a directory of registered, trusted and approved entities within the Federation, allowing only Identity Providers (IdP) and Service Providers (SP) found within the metadata to communicate with each other.

METADATA DETAILS	
LIAF Metadata	https://fr.ac.lk/signedmetadata/metadata.xml
LIAF to edugain Metadata	https://fr.ac.lk/signedmetadata/LIAF_to_edugain.xml
Metadata Signer	https://fr.ac.lk/signedmetadata/metadata-signer

Technical Assistance

Administrative and Technical Contact

Please contact LEARN Technical Assistance Center on **tac@learn.ac.lk** for any administrative or technical problem or enquiry.

General Contact

Lanka Education and Research Network
Information Technology Center
University of Peradeniya
Peradeniya 20400
Sri Lanka

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learn@ac.lk

Online Guide - <https://github.com/LEARN-LK/IAM>

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Thank You