Deployment scenarios

- Deployment of the LEAR Credential Issuer
- Deployment of the LEAR Credential Signer

Deployment of the LEAR Credential Issuer

The LEAR Credential Issuer is a web application consisting of a server part, HTML interface, the APIs implementing the OpenIDVCI protocol, and the APIs required by the LEAR Credential Signer program.

The LEAR Credential Issuer does not require integration with the rest of the DOME infrastructure, so it supports different deployment scenarios.

By DOME as a service

Regardless of the other scenarios, DOME provides an instance of the LEAR Credential Issuer as a service, so organisations (especially SMEs) do not have to worry about deployment.

The application is standalone and does not require interaction with any other system except a compatible the Wallet and the LEAR Credential Signer.

By an organisation willing to generate LEAR Credentials to its employees

The LEAR Credential Issuer can be deployed by any organisation wishing to control the full system. It can be deployed either on-premises or in any cloud environment that the organisation wants to use. The only requirements are that the HTML interface and APIs should be available to the involved actors in the company. They can even not be available through Internet, if the company so wishes.

The application is provided as a set of Docker containers that can be easily deployed in many environments.

By an entity willing to provide the service to third-parties

An entity willing to provide the LEAR Credential issuance service to third-parties for whatever reason, can do so by deploying the LEAR Credential Issuer on their own system.

Deployment of the LEAR Credential Signer

This is a simple program that is installed in the PC of the legal representative. It is intended for self-installation without requiring technical knowledge, though it is expected to be installed by the IT personnel taking care of the personal computer infrastructure of the employees in the organisation. The program can be installed using the typical automated installation processes in big organisations.

The only configuration required is the URL of the LEAR Credential Issuer that the organisation wants to use for Credential issuance. It may be the URL of the instance operated by DOME, or any other instance that the organisation wants.