LEAR Credential powers

LEAR Credentials **(LEAR Credential Employee** and **LEAR Credential Machine)** credentials grant specific permissions known as **“powers.”**
Each power combines a **function** (the logical area of capability) with one or more **actions** (the specific operations permitted within that area).

For instance, the power *“Onboarding – Execute”* authorizes its holder to perform onboarding-related processes within the ecosystem.

Depending on the credential type, the same power may be exercised by a human user (LEAR Credential Employee) or by a backend service (LEAR Credential Machine).

"Onboarding" function

"Execute" action

-Allows the execution of the onboarding process for an organization, including the initial registration. This power is reserved to holders of a **LEAR Credential** (Employee or Machine) who formally represent the organization in DOME.

-A LEAR Credential Employee with this power allows to login to the Issuer UI and to issue credentials for other employees. Check the login guide.

-A LEAR Credential Machine with this power allows to perform the M2M authentication process. See this guides:

- Verifier M2M Integration guide: https://knowledgebase.dome-marketplace.eu/books/verifier-m2m-integration-guide/page/1-introduction
- Authorization Code Flow + PKCE (public client)
- Authorization Code Flow withclient_secret_jwt (confidential client

"Product Offering" function

"Create" action

-Authorizes the creation of a new Product Offering in the Catalog Service Component (CSC). Typically issued to personnel authorized by the organization’s LEAR or legal representative.

"Update" action

-Grants the ability to modify an existing Product Offering (e.g., description, pricing, or availability). Commonly assigned to Employee Credentials with operational management roles.

"Delete" action

-Enables deletion of an existing Product Offering. As this action has business impact, it is usually restricted to formal representatives or administrators.

"Certification" function

"Attest" action

- Authorizes the attestation (verification or validation) of information, ensuring authenticity and integrity of the data. This power is associated with credentials that have extended authority over certifications. Holders can issue **Gx:Label:Credential**.
- A LEAR Credential Employee or LEAR Credential Machine with this power can be used to issue a Gx:Label:Credential

"Upload" action

- Allows the upload or publication of **Verifiable Credentials** containing certified information. Used to certify a product within the DOME Marketplace using a **Gx:Label:Credential**.
- A LEAR Credential Employee or LEAR Credential Machine with this power can be used to upload a Gx:Label:Credential to certify a product in the DOME Marketplace.

Revision #6
Created 10 November 2025 09:57:07 by Roger Miret
Updated 11 November 2025 06:31:23 by Roger Miret