

Libellum – Public Key Infrastructure - PKI



Libellum is an open-source software provided by Eternilab.

We provide **security monitoring and specialized services** to

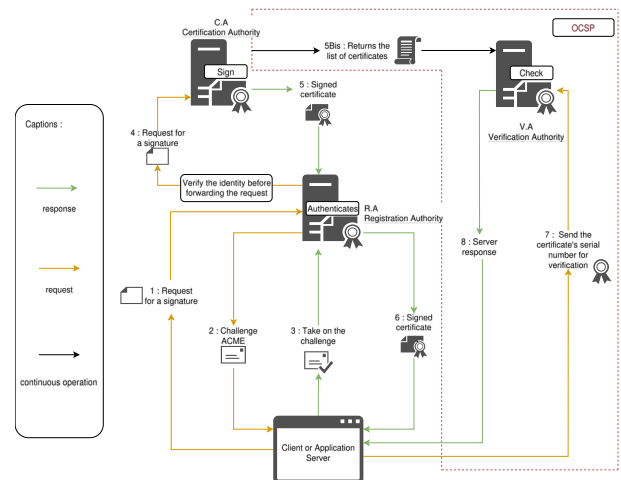
configure, secure, control, and maintain your **Public Key Infrastructure (PKI)**.

Libellum is a deployment tool for open-source components that enables the creation of a **local Certification Authority (CA)** compliant with **FR ANSSI recommendations**. In particular, it ensures that your infrastructure complies with requirements for the **creation, distribution, and protection of cryptographic keys** used by your servers through the **TLS protocol**.

The **local nature of this PKI** allows organizations to deploy **signing and encryption keys managed internally**, ensuring that internal communications remain **secure, trusted, and protected**.

Architecture

Libellum manages the entire lifecycle of security keys within your infrastructure, from key generation and secure storage using a trusted **HSM**, to secure deployment and validation through the **ACME** and **OCSP** protocols.



Compatibility

Libellum has been successfully tested with **Yubico YubiHSM** key storage and encryption devices, which can be deployed on your server to guarantee a **high level of security**.



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