

PrimeKey EJBCA PKI



Increase the security of your IT infrastructure by automatically creating and exporting digital certificates from your IAM solution

Increase the security of your entire IT infrastructure by using certificate based authentication of users and devices. Our integration module can automatically create certificates for all objects in your directory (user and devices) using the PKI Certificate Authority offered by PrimeKey's EJBCA and export the certificates as PFX, CER or DER files.



Functions:

Certificates, generated by the integration module, can be used for many different purposes like:

- ▶ strong user authentication SSL communication of server or clients
- ▶ Smart Card based logins
- ▶ signing and encryption of emails
- ▶ VPN connections
- ▶ signing of documents
- ▶ single sign on
- ▶ and much more

Based on the Open Source Certificate Authority (CA) EJBCA (www.ejbca.org) the integration module automatically creates certificates for any objects (such as users, servers, workstations, laptops, printers, telephones, etc.) in the central directory. EJBCA is a CA based on JEE technology and can be used as a complete PKI infrastructure for large companies.

The integration module uses the SOAP interface offered by the EJBCA for the data transmission. For all objects synchronized with EJBCA, it will create an entity and generate the requested certificate. Preconfigurable key- and entity-profiles allow to define the intended use of the certificate at creation time.

Generated certificates will be collected via the SOAP interface and stored in the central directory. Both public key and private key will be saved. The resulting certificates can be exported automatically to a PFX, CER or DER file. In addition, the PFX file can be protected by a password. The directory where to store the certificates is definable.

A preconfigurable recertification process guarantees the in time renewal of expiring certificates. This way new certificates will be available before reaching the expiration date.

Flatfile driver features

- ▶ export certificate in PFX, CER or DER format
- ▶ optionally protects PFX file with password
- ▶ exports renewed certificates automatically

System requirements:

- ▶ Novell Identity Manager v3.0
- ▶ Novell Identity Manager SOAP Driver v3.0
- ▶ EJBCA v3.4.3

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