

PRODUCT BRIEF



FAST FACTS

Company:
PrimeKey

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Company Description

PrimeKey is one of the world's leading companies for PKI and digital signing solutions. We deliver the capability to implement an enterprise grade PKI system ready to support solutions such as IoT, IIoT, e-ID, e-Passports, authentication, digital signatures, code signing, digital identities, and validation; all solutions where digital certificates would be a main enabler.

Users of PrimeKey's products rely on Red Hat products to run their solutions. Used by enterprises and governments globally, RHEL together with the JBoss Application Server form a part of the most scalable and robust PKI and digital signature solutions available.

PrimeKey has offices in Stockholm, Sweden, San Mateo, USA, and Aachen, Germany.

Product Profile

Built on open standards, an open source platform and a large installed base all around the world EJBCA brings the maturity, transparency and commitment required for any security focused PKI solution.

Overview

A powerful and flexible Certificate Authority (CA) and Public Key Infrastructure (PKI) Management system to issue, manage and maintain digital certificates; enabling secure and encrypted communication whatever the use case.

Executive Summary

EJBCA is a multipurpose PKI software that supports multiple CAs and levels of CAs to enable you to build a complete infrastructure (or several) for multiple use cases within one instance of the software. Different use cases have different requirements on how registration, initial enrollment and life-cycle management should be performed. EJBCA enables multiple integration and automation possibilities and issues certificates to persons, infrastructure components and IoT devices. EJBCA is flexible, scalable and secure and offers all you need for your PKI including Certificate Authority, Registration Authority and Validation Authority (OCSP and CRL) functionality.

Statement from Partner

"It is important for PrimeKey to provide the Red Hat community with one of the best open source-based PKIs available, directly on the Red Hat Container Catalog" says Harry Haramis, General Manager US.

Statement from Red Hat Connect

"Developers and architects looking to build new applications in, and for the cloud, or migrate existing applications to a cloud-based infrastructure, partner with Red Hat to develop and deliver more supportable solutions sooner." said Mike Werner, Sr. Director, Global Technology Partners, Red Hat. *"Red Hat certification assures a supportable platform for all types of customer deployment models. Red Hat is thrilled to work with software partners like PrimeKey resulting in the world's largest open, and commercially supportable application ecosystem."*



Product Benefits

- Open source and standard based
- Includes Certificate Authority, Registration Authority and Validation Authority functionality (CRL and OCSP)
- EJBCA is multi-tenant and multi-use case platform used in all types of industries/solutions and it supports standard interfaces for easy integration and automation scenarios
- Proven scalability and reliability within and across use cases

Use Cases

- **Security foundation for Internet-enabled physical objects (IoT)** delivered by PKI based trusted identities and secure communication between all devices, people and other infrastructure components.
- **Trusted and Secure software distribution**, digitally sign executable files such as applications, libraries and drivers are an important part of security whenever software is being distributed and updated over insecure networks or stored on untrusted media.
- **Know your customer and workflow automation** - Security infrastructure to create and handle PKI based digital identities for people and servers that enables secure electronic communication and signing in **e-commerce and online banking solutions**.
- Trusted and secured citizen/ business communication with government bodies, **eGovernment**



PrimeKey's EJBCA Community is a Red Hat certified container and is available for customer download from the Red Hat certified container registry.

<https://access.redhat.com/containers/#/product/ac16bddd4fc9f394>