

EJBCA Software Appliance by PrimeKey

Easy & cost-efficient PKI deployment

With PrimeKey EJBCA Software Appliance, you will get the most used Certificate Issuance and Management System in the world, with proven industrial strength and scalability in enterprises and governments alike. It is packaged as an easy-to-deploy software appliance and installed within minutes.



EJBCA Software Appliance

simplicity and cost-efficiency

The EJBCA Software Appliance offers the easiest and most cost-efficient way to deploy and maintain an enterprise PKI system. Leverage your virtualization environment and pick the HSM of your choice.

Cost-efficient PKI software solution

PrimeKey EJBCA Software Appliance brings all components needed to successfully deploy and operate a full-blown Public Key Infrastructure (PKI). It includes a complete Certificate Management System, with unlimited number of Certification Authorities (CAs) and/or subordinate CAs, Registration Authority (RA) and a Validation Authority (VA). The software appliance comes with a complete software technology stack packaged in a VirtualMachine (VM) and it is deployed within minutes. Existing virtualization platforms can be leveraged as well as any Hardware Security Module (HSM) infrastructure that you might have.

PrimeKey understands that different use cases and organizations have different needs and business requirements. We therefore offer the EJBCA Software Appliance in five different models ranging from an XS model, that is designed to operate as a dedicated root CA, to an XL, that is suited for extremely large PKI deployments. The models in between offer variation in the number of certificates they can manage. The combination of the powerful PKI software EJBCA Enterprise and the EJBCA Software Appliance models enables the solution to be a perfect fit for any PKI deployment.

Easy to Deploy, Easy to Maintain

Easy and effective management is the key to a secure and reliable PKI deployment. Updates and upgrades are delivered as a complete and tested software package for smooth maintenance. In addition, the back-up and restore routines are robust and simplified to reduce manual errors.

High availability

It can be difficult to setup and tricky to maintain high availability set-ups of a PKI. In the EJBCA Appliance software all installation, configuration and maintenance tasks are performed from a user-friendly GUI. The appliance also delivers flexibility both in how different performance and availability requirements can be managed, as well as architectural adaptation for your virtualization environment.

Open and easy to use integration interfaces

A PKI often serves different applications with certificates; VPN, IoT, device management systems, etc. PrimeKey's software appliance platform offers easy and efficient ways for partners and customers to integrate with the EJBCA environment for automation, simplifying deployment and reducing costs.

Your options to Comprehensive support

	Standard Support	Premium Support
Support via PrimeKey's support portal, email, phone	8/5	24/7
Updates and patches	✓	✓
Guaranteed response time	✓	✓

Use cases and Models	XS	S	M	L	XL	VA	RA
	Certificate Authority, Validation Authority, Registration Authority					Validation Authority	Registration Authority
Technology Stack	EJBCA Enterprise						
	Secure Foundation Platform Based on CentOS						
	Net attached HSM			Server Virtualization Platform			

Technology Stack

PrimeKey EJBCA Software Appliance is delivered as an Open Virtual Appliance Image.

The technology stack includes:

- EJBCA Enterprise
- OpenJDK
- MariaDB
- Wildfly
- Industrial grade Linux-based operating systems
- Support for net attached HSM

Software appliance models*

	XS	S	M	L	XL
Certificate capacity up to	1 K	1 M	15 M	60 M	160 M
Certificate Validation	CRL	CRL & OCSP	CRL & OCSP	CRL & OCSP	CRL & OCSP
Support for dedicated CA, VA, RA nodes	-	Via Peer Systems	Via Peer Systems	Via Peer Systems	Via Peer Systems

*Detailed EJBCA Software Appliance model comparison, including VA and RA, is available at doc.primekey.com

About PrimeKey

PrimeKey is one of the world's leading PKI and signing solutions providers and has developed a number of innovative products, including EJBCA Enterprise, SignServer Enterprise, EJBCA Appliance, PrimeKey SEE, and Identity Authority Manager. As a pioneer in open-source security software, PrimeKey provides global businesses and organizations the ability to implement vital security solutions, such as e-ID, e-Passports, authentication, digital signatures, unified digital identities, and validation. PrimeKey products are Common Criteria and FIPS-certified, the company's internal processes are ISO 9001, 14001, and 27001 certified, and it has numerous Webtrust/ETSI and eIDAS-audited installations.

PrimeKey has offices in Stockholm, Sweden; Aachen, Germany; San Mateo, USA; and Melbourne, Australia. Together with a global network of technology and reselling partners, the company supports a customer roster that includes industry-leading companies and institutions across the IT, telecommunications, industry, finance and public sectors.

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