

3Key RA Profiles add-on to EJBCA Enterprise

When it comes to Public Key Infrastructure (PKI) integration, many companies struggle with correct and secure implementation of certificate management and validation. The required in-depth PKI expertise is usually lacking, and this is a common reason why solutions become vulnerable. This is where RA profiles and service-based PKI can help.

PKI needs care, otherwise it is just a matter of time before the trust is broken. RA Profiles is a 3Key add-on to PrimeKey EJBCA Enterprise for easy, transparent, and secure integration with customers that needs to manage certificates.

The RA Profiles add-on specifically:

- provides a higher abstraction layer on top of the EJBCA configuration using a bundle of service attributes.
- introduces agility – enabling changing the service configuration on the fly, without impact on integrated clients, and EJBCA.

- streamlines integration procedures and reduces the time and costs needed to enable clients to use certificates.

The RA Profiles add-on can either be deployed in front of the EJBCA RA or as a part of it. Based on the chosen configuration, RA Profiles can also handle the communication with EJBCA. This abstraction gives you control over what's changing on the EJBCA side, as well as control over the integrated services and authorized clients.



Without interrupting the operation of the PKI, you can change the service behavior (change of the issuing CA, change of certificate or end entity attributes, signing algorithms, etc.). With this approach you have all benefits of agile PKI without having to put the complex list of requirements on the client side.

Integration can sometimes be a very complex task but with the RA Profiles you don't need to worry. The add-on helps by splitting up the complex tasks regarding the PKI setup and the integration of the final use case. That way, the most advanced PKI settings are already handled by experts and you can concentrate on easily integrating PrimeKey EJBCA PKI within your environment and digital services. And what is more, RA Profiles will give you the necessary flexibility and agility to follow your growth and your future use cases.

RA Profiles can be your single point of integration, a one-stop shop for your use cases, with the possibility to monitor and report activities. We can almost guarantee that it will quickly become one of your favorite tools!

Benefits

Easy integration with your clients

The RA Profile name is the only thing you need to know to be able to integrate certificates for your clients.

Abstraction

All CA and service-based attributes are configured once without changes to infrastructure.

Agility

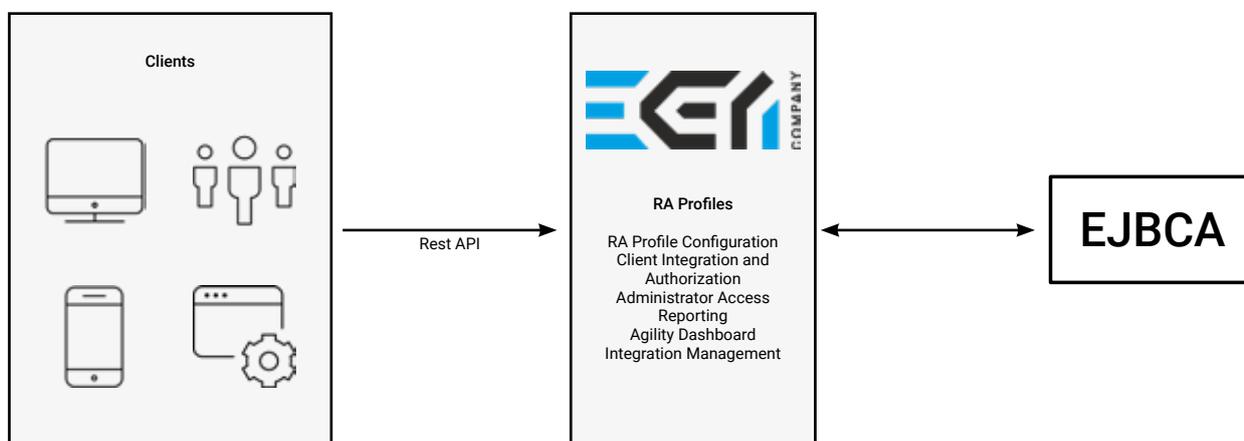
Change the service when required, no interruption within your PKI or integrated clients.

Fast integration

Start using the certificates within a few days.

Easy maintenance

Supports failover and all types of EJBCA architectures. Maintained independently of the EJBCA updates and upgrades.



About 3Key Company

3Key Company possesses a great ability to apply knowledge, experience, and skills to create unique solutions that anyone can rely on. The focus is put on information security, data intelligence, and consulting. 3Key Company helps to streamline business activities and protect critical assets. Trusted and recognized professionals with innovative technologies can show you how to improve performance and reduce costs.

About PrimeKey

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