

Building a Unified Shield for Digital Trust

Anjuna Seaglass & Keyfactor EJBCA Enterprise

As enterprises with stringent security and regulatory requirements try to navigate the digitally connected world, they face a dual imperative – streamline the complexity of Public Key Infrastructure (PKI) operations while fortifying the underpinning cloud infrastructure against an ever-expanding array of threats. On one hand, organizations encounter the intricacies of PKI, with legacy systems proving cumbersome to manage, often becoming bottlenecks that impede scalability and efficiency. On the other hand, cloud computing introduces the complexities of the shared responsibility model, where concerns about data privacy are at their peak when left unchecked. These challenges underscore the critical requirement for a unified solution that integrates simplified digital identity management with robust data security measures.

Bridging PKI Simplicity with Intrinsic Cloud Security

In response to this multifaceted challenge, [Keyfactor](#) and [Anjuna](#) have forged a strategic alliance. This collaboration aims to seamlessly integrate Keyfactor's EJBCA Enterprise, a flexible and robust PKI platform, with Anjuna Seaglass, the pioneer in Universal Confidential Computing. Together, they present a unified solution, empowering organizations to navigate the complexities of digital identity management with secure cloud confidentiality.



Flexible and Scalable PKI

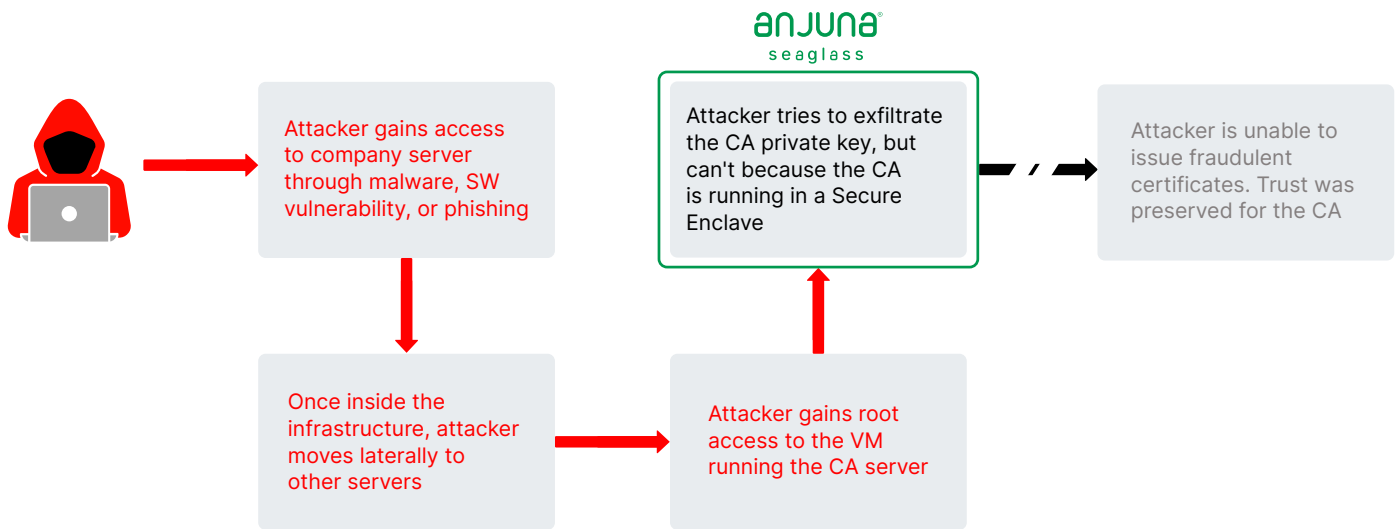
Keyfactor's EJBCA Enterprise simplifies PKI operations for organizations. It addresses the longstanding complexities of legacy systems by providing a flexible and scalable platform for issuing, managing, and maintaining digital certificates. EJBCA operates on open-source standards, making it the most widely used and trusted Certificate Authority (CA) software globally.



Universal Confidential Computing Platform

Complementing the strengths of EJBCA, Anjuna Seaglass focuses on securing the cloud infrastructure underneath the CA through the revolutionary approach of the first Universal Confidential Computing Platform. By creating Trusted Execution Environments (TEEs), Anjuna Seaglass provides data protection in every state — in use, at rest, and in transit – and ensures trust through verified code.

CERTIFICATE AUTHORITY ATTACK CHAIN



The Competitive Edge of Our Integrated Solution

Streamlined PKI Operations: PKI management with Keyfactor's EJBCA Enterprise allows organizations to consolidate and govern certificate policies effortlessly. This reduces the complexity of running multiple PKI hierarchies on a single instance, enhancing operational efficiency and reducing administrative overhead.

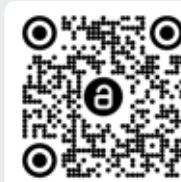
Enhanced Cloud Workload Security: By integrating the Universal Confidential Computing capabilities of Anjuna Seaglass, the joint solution ensures intrinsic cloud security through end-to-end data protection. This prevents unauthorized access from external attackers, rogue insiders and malicious third parties.

Secret Zero and Sensitive Certificate Protection: Anjuna Seaglass enables EJBCA to receive initial secrets, root certificates, and other highly sensitive credentials in an encrypted form. Only after confirming their full integrity through remote attestation, is EJBCA able to decrypt these secrets. Trust is measured and verified, as opposed to assumed.

Flexible Deployment Models: Keyfactor's EJBCA Enterprise supports various deployment models, from turnkey software and hardware appliances to self-managed or SaaS-delivered PKI. This flexibility, combined with Anjuna Seaglass' infrastructure and application-agnostic approach, empowers enterprises to adapt to diverse business challenges and security needs.

Zero-Trust Architecture: The joint solution promotes a zero-trust architecture by leveraging PKI-based identity from Keyfactor and Confidential Computing from Anjuna. This approach ensures that trust is established and maintained throughout the digital ecosystem, adhering to stringent security and compliance requirements.

Rapid Application Deployment: With the ability to create Confidential Containers without any code changes, Anjuna Seaglass allows organizations to deploy applications securely with minimal effort. This agility in application deployment is complemented by Keyfactor's PKI, which ensures sub-second certificate issuance for accelerated development and



Get started with Anjuna Seaglass