



Enable secure certificate lifecycle automation with Keyfactor Command and Delinea Secret Server

The Challenge

Managing digital certificates across your network devices, load balancers, and servers can be complex, especially when you require secrets to access these systems and perform certificate operations. Adding to the complexity: secrets must be rotated frequently. This means logging in to multiple platforms, generating new secrets, securely storing them, and then manually updating the secrets in your certificate management solution.

Not only is this a time-consuming, manual task, but also it is a source of potential vulnerabilities. Credentials must somehow be shared between the application and PKI/CLM teams, leaving an opportunity for them to be compromised. Additionally, if an admin leaves the organization, the passwords must be rotated again, as they could be compromised, adding even more work for teams.

By integrating Delinea's Secret Server and Keyfactor Command, organizations can bolster both the security and efficiency of certificate lifecycle management. This powerful combination allows Command to automatically retrieve the necessary secrets for certificate provisioning operations, without ever exposing sensitive credentials.

The Solution

The integration of Keyfactor Command with Delinea Secret Server allows organizations to automate the retrieval of privileged credentials to enable secure automation of keys and certificates. Keyfactor Command uses Delinea Secret Server as a third-party Privileged Access Management (PAM) provider to secure, monitor, store, manage, and rotate secrets for privileged credentials.

The integration uses machine-to-machine communication to automatically retrieve the credentials required to access a key or certificate store from Delinea Secret Server, without any human involvement. When the password for a store is rotated in the Delinea Secret Server, Command automatically uses the new password the next time access to the store is needed.

Key Integration Benefits

- ✔ **Simplify security**
Eliminate human error and risk of secrets exposure as secrets only persist in Secret Server and are accessed directly by Command.
- ✔ **Save time, prevent downtime**
Rotated passwords in Secret Server are automatically updated in Command, removing any chance that credential rotation breaks communication between Command and certificate sources.
- ✔ **Flexible deployment**
Both solutions offer on-premises and cloud deployment options.
- ✔ **Keep passwords safe**
Protect secrets in a secure enterprise-grade vault while enabling seamless certificate operations, eliminating secret exposure.

SOLUTION BRIEF

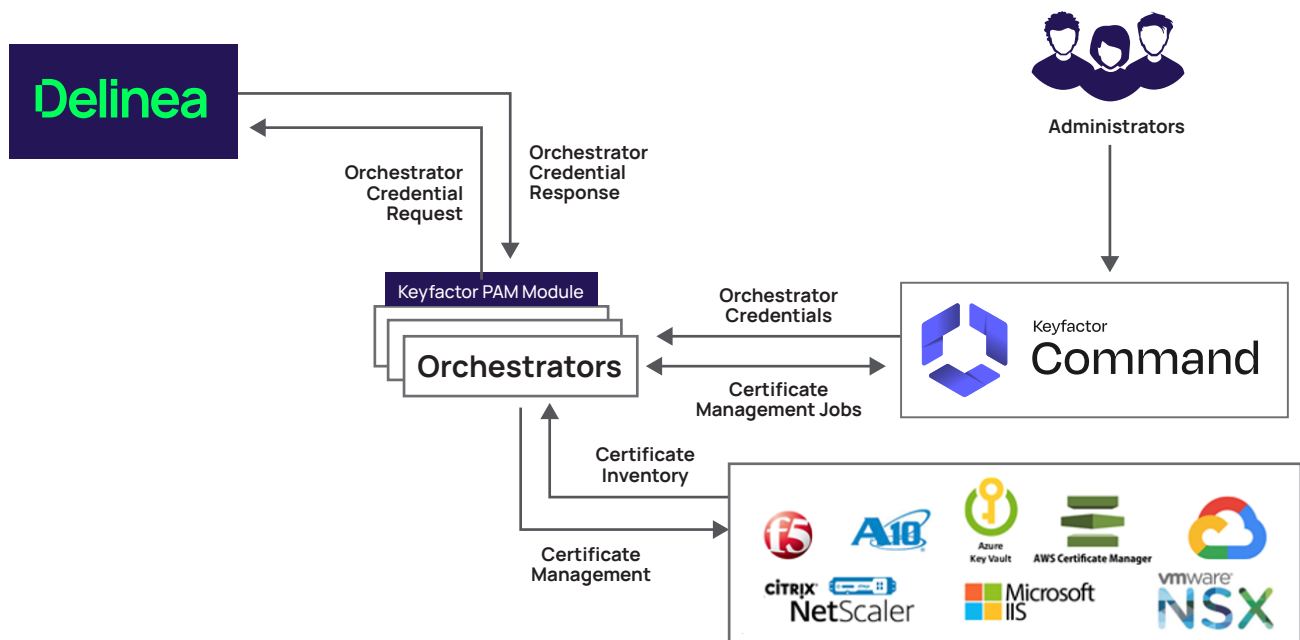
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The integration can be configured to have the Secret Server connect to either the Keyfactor Command platform or directly with Keyfactor Command Orchestrators, which are installed on the network to enable discovery and automation. This flexibility allows users to best design a solution that meets their deployment needs.

In the event compromised credentials are discovered, Delinea Secret Server enables credential rotation that can be triggered either on-demand or based on pre-configured policies so compromised credentials become unusable by bad actors.

The combined solution further streamlines cryptographic compliance efforts by providing customizable dashboards and reporting of the cryptographic asset inventory.

Keyfactor + Delinea: Orchestrator Module



KEYFACTOR

Keyfactor brings digital trust to the hyper-connected world with identity-first security for every machine and human. By simplifying PKI, automating certificate lifecycle management, and securing every device, workload, and thing, Keyfactor helps organizations move fast to establish digital trust at scale – and then maintain it. In a zero-trust world, every machine needs an identity, and every identity must be managed.

Delinea

Delinea is a pioneer in securing identities through centralized authorization, making organizations more secure by seamlessly governing their interactions across the modern enterprise. Delinea allows organizations to apply context and intelligence throughout the identity lifecycle across cloud and traditional infrastructure, data, and SaaS applications to eliminate identity-related threats. With intelligent authorization, Delinea provides the only platform that enables you to discover all identities, assign appropriate access levels, detect irregularities, and immediately respond to identity threats in real-time. Delinea accelerates your teams' adoption by deploying in weeks, not months, and makes them more productive by requiring 90% fewer resources to manage than the nearest competitor. With a guaranteed 99.99% uptime, the Delinea Platform is the most reliable identity security solution available. Learn more about Delinea on delinea.com, [LinkedIn](#), [X](#), and [YouTube](#).