

Purpose-Built Key Management for VMware vSphere

Maintaining control of encryption keys for your crucial data in a vSphere deployment doesn't have to be a headache. QuintessenceLabs has simple built-in solutions.

Overview

QuintessenceLabs is a leading producer of advanced cybersecurity solutions that are interoperable, easy to implement, and can keep your data secure today and well into tomorrow. We're a VMware Elite Partner, and our products are certified for use with vSphere 6.5/6.7 deployments.

The Only Built-In Client

We offer the most secure enterprise key management platform in the industry with our VMware Certified key management system (KMS) application, Trusted Security Foundation® (TSF®) key and policy manager. In addition, the QuintessenceLabs KMIP Client, qClient™ 100, is embedded in vSphere — in fact QuintessenceLabs is the only vendor in the VMware ecosystem to have a KMIP client built into vSphere. Together, our TSF key and policy manager and qClient 100 provide seamless KMS deployment and highly secure cryptographic environments that protect your critical data.

Centralized Key Management Applications

The TSF key and policy manager is the most secure key management platform. It is centralized and interoperable, and with a straightforward management interface, The TSK key and policy manager can manage keys over their full lifecycle, implement strong object and user policy management, and offer in-built replication for up to 16 nodes for maximum availability. And it comes in a range of options — TSF® 100 is a virtual machine, the TSF® 200 and TSF® 300 key and policy manager solutions

are hardware appliances with a range of advanced security features, and the TSF 400 key and policy manager appliance provides the most secure key management available, with an embedded HSM and a quantum-powered true random number generator.

“The TSF can be deployed in production environments with confidence and can speed time to value within customer environments.”

—Kristen Edwards, Director - VMware Technology Alliance Partner Program

VMware Certified

The TSF key and policy manager platform is certified VMware Ready, the highest level of endorsement based on meeting VMware's own set of detailed interoperability standards to ensure effective use with VMware cloud infrastructure. This means that the TSF 100 key manager is supported in vSphere 6.5/6.7 for production environments, and ultimately gives security and network administrators peace of mind that any associated deployment is going to operate smoothly.





TSF Virtualizations

Can manage high volumes of keys coming through the network, with granular access controls and other crucial features.

TSF Hardware

Offers the same TSF features plus the benefits of an integrated FIPS 140 HSM and qStream™ true quantum random number generator (QRNG).

qClient 100

Lends developers KMIP-standard instruction sets for broader, customized KMS integration solutions.

Get in Touch

QuintessenceLabs has formed proven partnerships with a variety of enterprises, where our quantum-based encryption and key management solutions have effectively strengthened the data protection across entire organizations. We secure data so you can focus on what you do your best.

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