Bloombase StoreSafe KMIP Integration with HPE Enterprise Secure Key Manager

Hewlett Packard Enterprise

Technology Partner Solution Brief

About HPE Security

HPE Security helps organizations protect their business-critical digital assets by building security into the fabric of the enterprise, detecting and responding to advanced threats, and safeguarding continuity and compliance to effectively mitigate risk. With an integrated suite of market-leading products, services, threat intelligence and security research, HPE Security empowers organizations to balance protection with innovation to keep pace with today's idea economy.

BLOOMBASE

About Bloombase

Bloombase is a worldwide provider and leading innovator in next-generation data security, from the physical or virtual data center, through big data and to the cloud. Bloombase provides turnkey, non-disruptive, defense in-depth data protection against dynamic cyber-threats while simplifying IT security infrastructure. Bloombase is the trusted standard for Global 2000 scale organizations that have zero tolerance policy for security breaches

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Data
Security
Tested

Bloombase and HPE ESKM are committed to ensuring industry-wide interoperability and enabling rapid deployment of secured business information systems.

Bloombase StoreSafe Solution Overview

Bloombase StoreSafe delivers turnkey, agentless, non-disruptive, application-transparent storage encryption security to lock down business sensitive information. StoreSafe protects on-premise storage infrastructures, including SAN, NAS, DAS, tape library, virtual tape library (VTL), content addressable storage (CAS), object store, virtual data store, hyper-converged storage, as well as off-premise cloud storage service end-point. The solution enables organizational customers to mitigate data leakage threats and achieve data privacy regulatory compliance, easily and cost-effectively. Bloombase StoreSafe provides a unique software-appliance approach to power standard-based encryption protection of heterogeneous storage infrastructure over multiple protocols. StoreSafe enables mission-critical software applications to secure structured and unstructured data contents seamlessly with standard cryptographic technologies at zero operational change for day-to-day storage and long-term archival.

HPE ESKM Solution Overview

HPE Enterprise Secure Key Manager (ESKM) is an enterprise key manager that supports all types of HPE Storage and Server data protection solutions, as well as supports HPE partners and non-HPE environments through OASIS KMIP compliant clients. ESKM is the first commercial KMIP server to be certified as conformant under the OASIS SSIF KMIP Conformance Test Program (http://www.snia.org/forums/SSIF/kmip). ESKM customers need to effectively secure and protect their data-at-rest. They desire to ensure data availability, eliminate risk of data loss, maintain compliance & reduce operational costs. They need an enterprise key manager to automate the management & control of policies that protect and control access to their business-critical encryption keys.

Bloombase StoreSafe and HPE ESKM Integration

- HPE has successfully completed interoperability testing with Bloombase and verified that the HPE ESKM interoperates with Bloombase StoreSafe using OASIS KMIP.
- Together, Bloombase StoreSafe safeguards business sensitive data at-rest with industry-standard IEEE 1619 cryptography and NIST FIPS 140-2 certified HPE ESKM.

For additional ESKM info visit: hpe.com/software/ESKM
For additional Bloombase info visit: bloombase.com

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