MongoDB and Townsend Security: Compliance and Security Made Easy with Centralized Encryption Key Management

Overview of Joint Solution

MongoDB Enterprise simplifies data protection by providing native FIPS compliant encryption of data at rest. Coupled with Townsend Security's flagship encryption key management solution, Alliance Key Manager, meeting compliance (PCI DSS, HIPAA, etc.) and security standards is even easier and more affordable for large as well as small organizations.

Alliance Key Manager for MongoDB centralizes the secure storage of encryption keys and simplifies governance with a FIPS 140-2 compliant solution. MongoDB users can easily generate a master encryption key and begin encrypting database keys using native command line operations.

Product Overview

Alliance Key Manager, in use by over 3000 customers worldwide, offers unparalleled security, flexibility and affordability of encryption with the MongoDB Enterprise database. With no client-side software to install, you can deploy Alliance Key Manager anywhere you want - as a hardware security module (HSM), VMware instance, cloud-native Amazon Web Services (AWS) EC2 instance or Microsoft Azure virtual machine.

Key Benefits of the Joint Solution

Achieve Strong Security Posture

Encryption and key management have become a critical aspect of security and compliance management. Protecting encryption keys mitigates the risk of data breaches and cyber-attacks, as well as protects an organization's brand, reputation and credibility. Alliance Key Manager addresses these needs by helping enterprises reduce risk, support business continuity, and demonstrate compliance.

Meet Compliance Requirements

For users who need to meet compliance, the solution has been validated for PCI DSS in VMware by a PCI Qualified Security Assessor. Additionally, Alliance Key Manager can also help businesses meet other compliance regulations such as HIPAA, GLBA/FFIEC, GDPR, and FISMA.

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Key Features

Compliance: FIPS 140-2 compliant and validated to meet PCI DSS in VMware environments

Compatibility: OASIS KMIP compliant and works with all major business platforms, cloud platforms, and encryption applications

Cost Effective: Affordable solution that leverages your existing investments in encryption technologies via a vendor-neutral solution

Ease of Use: Ready-to-use client software to speed deployment and reduces IT costs

Partner Ecosystem: Extensive partner ecosystem ensures easy integrations with your current and future application stack

Resilience: Never lose encryption keys with real-time, active-active key mirroring across cloud regions, inside or outside of the cloud, with automatic failover.

Simplify Encryption Key Management

Alliance Key Manager creates everything it needs on the first boot. Within seconds of launching the product you will automatically receive a 30-day trial license, generate a certificate authority and client-side credentials, and generate encryption keys that you can immediately use with MongoDB.

Run on Your Choice of Platform

Alliance Key Manager supports seamless migration and hybrid implementations, using the same FIPS 140-2 compliant technology in use by over 3,000 customers worldwide. MongoDB users can deploy Alliance Key Manager as a hardware security module (HSM), VMware instance, or cloud-native Amazon Web Services (AWS) EC2 instance or Microsoft Azure virtual machine.

Cost Effective

In addition to providing keys for MongoDB, Alliance Key Manager also can provide support for any number of other technologies without additional license fees. This provides businesses and partners with a predictable total cost of ownership.

About MongoDB

MongoDB is the leading modern, general purpose database platform, designed to unleash the power of software and data for developers and the applications they build. Headquartered in New York, MongoDB has more than 4,300 customers in over 85 countries, including more than half of the global Fortune 100. Learn more at www.mongodb.com.

About Townsend Security

Townsend Security creates data privacy solutions that help organizations meet evolving compliance requirements and mitigate the risk of data breaches and cyber-attacks. Over 3,000 companies worldwide trust Townsend Security's NIST and FIPS 140-2 compliant solutions to meet the encryption and key management requirements in PCI DSS, GDPR, HIPAA/HITECH, FISMA, GLBA/FFIEC, SOX, and other regulatory compliance requirements. Learn more at www.townsendsecurity.com

Top Partner Solution Verticals

- Finance
- Healthcare
- Government
- Retail
- Other industries that are regulated or handle sensitive data

Townsend Security is a MongoDB Enterprise Certified Solution Partner. Townsend Security Alliance Key Manager is certified on MongoDB Enterprise Server versions 3.2 through 3.4. The MongoDB Enterprise Certification Program reviews and certifies technologies against a comprehensive suite of integration best practices.