Build your security strategy on a solid foundation and gain control over growing data protection needs

Dell EMC OpenManage Secure Enterprise Key Manager is a comprehensive key management solution enabling data protection and compliance across enterprise.

Deploy a comprehensive security strategy to protect your data

With cyber threats all around, the cost of data loss for businesses, along with more sophisticated hacking, has grown to a serious level in the past few years. IT needs a more robust security strategy and platform, to help stay on top of new data security risks and new applications. IT administrators are also being asked to scale a secure, growing data center, and ensure internal and customer data is secure, anywhere across the business. To do so requires making the security process comprehensive. IT also must react faster to make sure data channels are protected and that servers and hard drives don't walk out the door. They are tasked to deploy solutions and security policies that scale across platforms.

Dell EMC PowerEdge servers give you a comprehensive, cyber-resilient foundation of security with several key features to help you with: effective protection, reliable detection and rapid recovery. By design, Dell EMC servers help you stay on top of a growing, secure business.

The Dell EMC OpenManage Secure Enterprise Key Manager is a revolutionary step for your security plan. It delivers a central key manager and solution to help you manage your data protection, across your organization. Already available inside the server, IT can react faster, deploy and secure data across hundreds of servers easily, and from one enterprise-class solution.

Comprehensive security key management for data-at-rest protection

Secure Enterprise Key Manager helps you transform how you secure data in your infrastructure, and enable data security quickly. A standards-based Key Management Interoperability Protocol (KMIP) approach ensures that organizations meet data security needs. This helps reduce costs, learning curve, and consolidates keys for their internal monitoring. A scalable key manager, along with self-encrypting drives, helps deploy and monitor new encryption keys at scale, from one server to thousands of servers and drives, across the data center, including remote locations and even in the cloud. Know that your security policy with enterprise key management helps you to effectively meet security and privacy policies.

Advantages:

- Centrally managed keys with high availability

- Hardware-based integration with PowerEdge servers via iDRAC

- Complements the PowerEdge cyber-resilient, secure design

- KMIP-compliant operation and interoperability

- Enables compliance to privacy and security standards including HIPAA and GDPR

- Expand data protection faster with self-encrypting drives (SED)

OpenManage Secure Enterprise Key Manager: Foundation for a secure data protection strategy		
Purpose	**Benefit**	**How it helps you**
Simplified key management helps reduce risks and time		
Key management servers enhance business security policies to secure data-at-rest, within the organization and data center	• Keys are created and securely stored external to storage device • Reduce risks of server storage being accessed by locally stored keys • Renders any data stolen from a data center as inaccessible	• Define which servers and drives to protect • Manages generating and storing of all encryption keys • Peace of mind that your data is only accessed with authorized keys
Scalable administration and protection ensures better business outcomes		
As your organization grows, you need a data security solution that grows with your business	• Readily manage 1 node to thousands • Easy to add new end-nodes and protect with one policy • Easy to extend security policies across remote locations and cloud/on-premises	• Define your security policy and trust it is scaled across thousands of nodes you have assigned • Monitor all your protected nodes and servers
Standards-based compliance ensures consistent policies		
Security solutions aligned to KMIP (Key Management Interoperability Protocol) standards help ensure businesses meets data security requirements	• Reduce risk of lock-in and proprietary solutions • Guaranteed adherence to worldwide standards	• One solution for all your data protection needs, based on industry standards • Rest assured your data security policy adheres to and leverages industry standards for protection • Security policy can apply equally to multiple compliance needs such as HIPAA, GDPR and others
Complements the cyber-resilient foundation for secure end-to-end server and key lifecycle management		
Data security which leverages your hardware foundation provides next-level protection for your business	• Easy integration with iDRAC on every PowerEdge server • Secure data faster with self-encrypting hard drives (SEDs) • Leverage silicon root-of-trust features in PowerEdge servers	• Know that every server you buy is security-ready • Accelerate your data protection with SEDs • Additional protection at the hardware level helps protect your infrastructure comprehensively

Secure Enterprise Key Manager solution components

iDRAC Enterprise license
Systems Management for PowerEdge Servers
• Add-on license with enhanced capabilities
• Prerequisite for iDRAC Secure Enterprise Key Manager license

iDRAC Enterprise Key Manager license
Enables enterprise key mgmt. on each PowerEdge server
• Orderable for supported servers as iDRAC option
• Enables KMIP code embedded in iDRAC through 2019
• Available on R640, R740, R740xd, and R840 summer of 2019, with more platforms validated by the end of the year

Connector Node license
Entitlement to connect a node to Key Management Server (KMS)
• Enables detection by KMIP server
• Connects to select Gemalto/SafeNet KMIP servers

Key Management Server (KMS)
External key management and storage
• Manage thousands of servers
• Purpose-built appliances and VM versions available

Learn more about Dell EMC OpenManage Secure Enterprise Key Management

Contact a Dell EMC Expert

View more resources

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