DELL

Benefits and Support

Library-managed Encryption Support for Dell PowerVault TL1000 Tape Libraries

Library-managed encryption support is now available at point-of-sale for Dell PowerVault TL1000 tape libraries

Primary benefits of library-managed encryption

- Regulatory compliance: Coupled with other data security practices, encryption can be a vital component of regulatory compliance. Encryption can ensure that only authorized persons can access sensitive customer data even if the tape media is compromised.

- Lost/stolen tape threat model: LTO tape drive hardware encryption addresses the threat model of lost or stolen tapes. If sensitive data is encrypted on the tape media, the data cannot be compromised even if the tape is lost or stolen.

- Centralized key management: A primary and redundant encryption key server pair for high availability can manage keys for multiple PowerVault TL1000, TL2000, TL4000 and ML6000 tape libraries even in heterogeneous tape backup application environments with many sources of backup data. Tapes can be interchanged between libraries as long as access to the key server pair is maintained.

Library-managed encryption

Increased security for data-at-rest is available through library-managed LTO tape drive hardware encryption on the Dell™ PowerVault™ TL1000 tape automation libraries using LTO-6 and later generation tape drives.

TL1000 library managed encryption will offer the same feature functionality as library-managed encryption currently offered on the PowerVault TL2000, TL4000, and ML6000 tape libraries.

For additional information on the library-managed encryption feature, refer to the following white papers:

Library-Managed Encryption for Tape: i.dell.com/sites/doccontent/shared-content/data-sheets/en/Documents/Library-Managed-Encryption-for-Tape-generic.pdf

Privacy Regulation Compliance with Dell PowerVault Tape Libraries: i.dell.com/sites/doccontent/shared-content/data-sheets/en/Documents/SKLM-Reference-Architecture-white-paper-generic.pdf

Supported TL1000 configurations

Library-managed encryption enabled PowerVault TL1000 tape libraries can be purchased at **point-of-sale only**. Library-managed encryption **cannot be enabled on existing TL1000 tape libraries** and **the feature cannot be purchased after point-of-sale** as is the case with other PowerVault tape libraries.

Library-managed encryption is only available on LTO-6 and later generation TL1000 tape libraries. Refer to the Dell PowerVault Compatibility Matrix (www.dell.com/support) for the latest supported tape library hardware and operating systems.

Encryption key management support

Customers purchasing library-managed encryption enabled PowerVault TL1000 tape libraries, must purchase the IBM Security Key Lifecycle Manager (SKLM) software from IBM. For more information on IBM SKLM software, go to the IBM SKLM knowledge center at www-01.ibm.com/support/knowledgecenter/#!/SSWPVP/welcome.

Sales support

US customers can purchase IBM SKLM software on www-03.ibm.com/software/products/en/key-lifecycle-manager-dell. Non-US customers can access additional countries and languages on the menu at the top of this web page.

These web pages only list the purchase requirements for Dell customers using PowerVault tape libraries. For non-tape product support, go to www-03.ibm.com/software/products/en/category/security-framework.

Dell customers with existing IBM sales relationships can leverage those relationships for purchase.

Drive licenses and software maintenance after the first year of purchase must also be purchased from IBM.

Technical Support

For IBM SKLM software technical support, go to www.ibm.com/planetwide/index.html#region for regional contact information. Customers will need to use the IBM customer number assigned to them at the time of software purchase for IBM technical support.

Dell will continue to provide technical support for the PowerVault tape libraries per the customer's existing service contracts.

Simplify data backup at Dell.com/Storage.