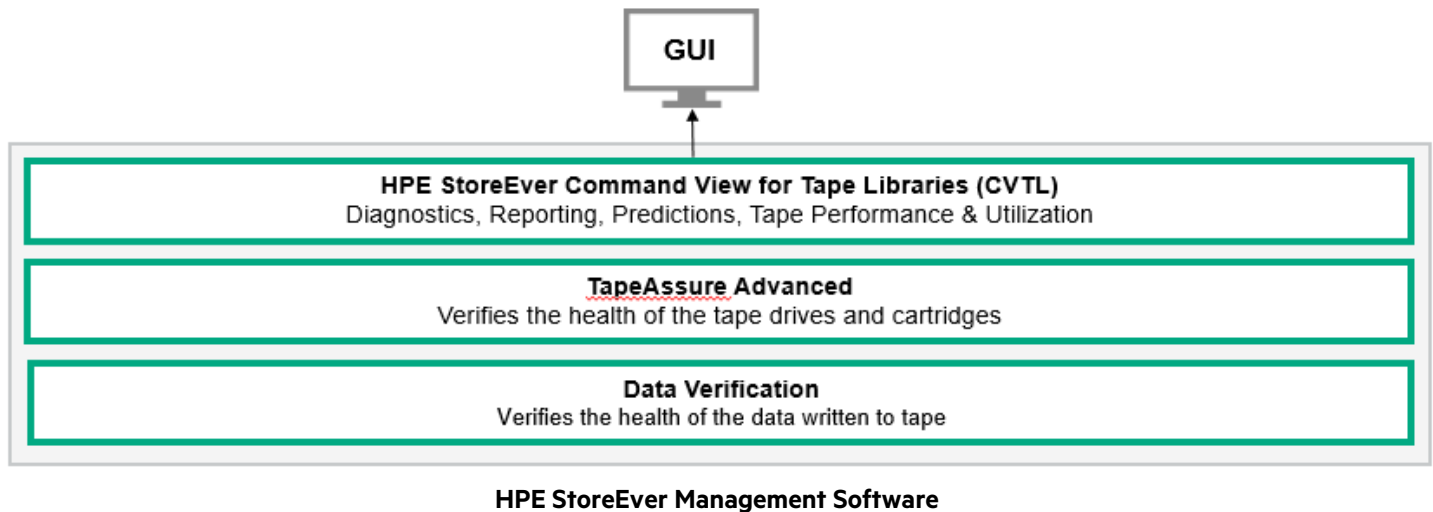


Overview

HPE Command View for Tape Libraries

HPE Command View for Tape Libraries (CVTL) provides an easy to use interface for efficiently managing, monitoring and configuring an entire tape library environment. HPE Command View for Tape Libraries (CVTL) also includes licensed features HPE StoreEver TapeAssure Advanced and HPE StoreEver Data Verification. CVTL provides the centralized platform for TapeAssure Advanced reporting and Data Verification analysis, alongside remote management, diagnostics and configuration for all MSL Tape Libraries from across the room or across the globe. HPE StoreEver TapeAssure Advanced provides the analytics element that implements and presents automated and predictive health, performance and utilization related monitoring of all tape drives and cartridges. HPE StoreEver Data Verification Software proactively validates and scans, non-disruptively, the quality of data stored on LTO tape cartridges, which ensures a successful restore is possible when critical business data is needed.

HPE StoreEver TapeAssure Advanced and Data Verification Software can also be trialed for free once the CVTL Software has been installed. Simply download CVTL from <http://www.hpe.com/storage/cvtldownload> and get a 60 day instant-on period to experience TapeAssure Advanced features, and trial Data Verification for the MSL3040 & MSL6480 Tape Libraries with a 10 cartridge slot license.



What's New

- HPE CVTL now includes support for HPE StoreEver LTO-9 drives and media.
- Weekly Reports that provide a weekly status update via email on the libraries, drives, and tapes managed by CVTL and in use over the last seven days.

Standard Features

HPE Command View for Tape Libraries and its licensed features provide

- **Simplified Library Management.** Configure, manage and monitor an entire tape library environment from anywhere in the world via a single pane of glass, with an intuitive dashboard.
- **Proactive peace of mind.** Automated alerts keep users updated with latest library information, and archived data is proactively validated to ensure that successful restores are possible.
- **Predictive Analytics.** Predictive monitoring of library health and performance allows users to get the most out of their investment by understanding how their library environment is being utilized.

Simplified Library Management

HPE Command View for Tape Libraries Base Software (CVTL) provides the single pane of glass management platform which allows users to configure, manage and monitor all of their tape libraries through a single console. The intuitive CVTL dashboard is fully integrated with the licensed features (TapeAssure Advanced & Data Verification), and presents all of the library, drive and cartridge data pulled from those reports in straightforward graphs and charts.

The CVTL dashboard also provides users with other tools to simplify the management of their library environment, such as library partitioning. Partitioning allows each partitioned library to be presented to the host as an independent library, separate from other partitions in the library. Hosts for each partition own independent sets of media and can use ISV software that is different from the other partitions allowing maximum flexibility and utilization of the MSL library.

Proactive Peace of Mind

HPE StoreEver TapeAssure Advanced & Data Verification Software are licensed features of HPE Command View for Tape Libraries, and provide the analytical reporting tools that provide users with peace of mind by knowing how their tape environment is performing.

TapeAssure Advanced monitors the health and performance of tape drives and cartridges, and the CVTL Dashboard allows users to easily view the results of TapeAssure reports in a simplified or detailed view. Pie charts demonstrate the proportion of drives and cartridges that are healthy or are in need of attention, and these are categorized by the performance advisor feature in TapeAssure Advanced. Drives and cartridges are categorized into a healthy (green zone), warning (amber zone) or critical (red zone) status based on the utilization and performance. Users can drill down to view the health and performance status of individual drives and cartridges by serial number, which helps to pinpoint exactly where in the library environment that issues are occurring, or where performance and utilization can be improved. Users can receive weekly status updates via email on the libraries, drives, and tapes managed by CVTL and in use over the last seven days. The report is sent to one or more users by email every week. Without having to log on or access the CVTL GUI, users can receive regular up-to-date status on your tape hardware health, usage and performance.

Data Verification scans LTO tapes in MSL3040 & MSL6480 tape libraries to verify that that critical business data stored on those tapes is healthy, and that a successful restore will occur when they are retrieved from archive. This feature improves the reliability of a tape library environment and reduces any risk of restore failures. Data Verification scans run in the background without interrupting host applications, and proactively notify the user if there is a need for data to be migrated. Data Verification can also scan both encrypted and non-encrypted tapes that are written in an LTFS format, and verification results are maintained so that users can view how the data stored on the cartridge has changed over time.

Capacity Planning

HPE Command View for Tape Libraries also enables users to plan ahead by making use of capacity planning metrics. The Capacity Planning page shows the most recent write activity for the library and also a weekly summary of that activity for the last 8 weeks.

Consumption metrics such as this help to understand when additional drives and media should be purchased in order to maximize any tape libraries contribution to its IT infrastructure.



Standard Features

HPE Insight Remote Support

HPE Insight Remote Support (IRS) is a software solution that enables reactive and proactive remote support to improve the availability of supported servers, storage systems and other devices in your data center. IRS relies on several HPE components and communication between various software applications between the customer enterprise and HPE to deliver support services. Software components may be installed on the Hosting Device or on monitored devices.

HPE StoreEver Tape Libraries require a combination of their own web-based management interfaces and HPE Command View for Tape Libraries (CVTL) management software to work with Insight Remote Support. Users configure each library to send SNMP traps for hardware events directly to the Insight Remote Support server.

For more information on how to configure IRS with CVTL please see the:

[HPE Insight Remote Support v7.10 Monitored Devices Configuration Guide](#)

Supported Software

Operating systems supported

Management station

- Microsoft Windows Server 2012
 - Microsoft Windows Server 2012 R2
 - Microsoft Windows Server 2016
 - Microsoft Windows Server 2019
 - Microsoft Windows Server 2022
-

Client browsers supported (minimum requirements)

- Microsoft Internet Explorer v11 or higher
 - Microsoft Edge
 - Mozilla Firefox v27 or higher
 - Google Chrome v30 or higher
 - An Internet connection is recommended for Command View TL to receive firmware and software release information automatically from the HPE support website
 - Java Runtime Environment (JRE) plug-in v1.5 or later from Sun Microsystems
-

Hardware Prerequisites

Management station (provided separately by user)

- 1.6-GHz CPU, 2GB RAM
 - 10/100 Base-T network card (a static IP address is recommended)
 - Operating system, browsers, and JRE plug-in requirements described above
-

Command View for Tape Libraries supported hardware environments

- HPE StoreEver MSL 1/8 Autoloaders
 - HPE StoreEver MSL2024 Tape Libraries
 - HPE StoreEver MSL3040 Tape Libraries
 - HPE StoreEver MSL6480 Tape Libraries
-



Standard Features

TapeAssure Advanced supported hardware environments

- HPE StoreEver MSL 1/8 Autoloaders
 - HPE StoreEver MSL2024 Tape Libraries
 - HPE StoreEver MSL3040 Tape Libraries
 - HPE StoreEver MSL6480 Tape Libraries
-

Data Verification supported hardware environments

- HPE StoreEver MSL3040 Tape Libraries
 - HPE StoreEver MSL6480 Tape Libraries
-



Service and Support

Warranty and Services Included with the Product

Hewlett Packard Enterprise warrants only that the Software media will be free of physical defects for a period of ninety (90) days from delivery.

For more information about the HPE Global Limited Warranty and Technical Support, visit:

<http://www.hpe.com/storage/warranty>

HPE Pointnext - Service and Support

Get the most from your HPE Products. Get the expertise you need at every step of your IT journey with **HPE Pointnext Services**. We help you lower your risks and overall costs using automation and methodologies that have been tested and refined by HPE experts through thousands of deployments globally. HPE Pointnext **Advisory Services** focus on your business outcomes and goals, partnering with you to design your transformation and build a roadmap tuned to your unique challenges. Our **Professional** and **Operational Services** can be leveraged to speed up time-to-production, boost performance and accelerate your business. HPE Pointnext specializes in flawless and on-time implementation, on-budget execution, and creative configurations that get the most out of software and hardware alike.

Consume IT on your terms

HPE GreenLake brings the cloud experience directly to your apps and data wherever they are—the edge, colocations, or your data center. It delivers cloud services for on-premises IT infrastructure specifically tailored to your most demanding workloads. With a pay-per-use, scalable, point-and-click self-service experience that is managed for you, HPE GreenLake accelerates digital transformation in a distributed, edge-to-cloud world.

- Get Faster time to market
- Save on TCO, align costs to business
- Scale quickly, meet unpredictable demand
- Simplify IT operations across your data centers and clouds

Managed services to run your IT operations

HPE GreenLake Management Services provides services that monitor, operate, and optimize your infrastructure and applications, delivered consistently and globally to give you unified control and let you focus on innovation.

Free up resources with Operational Services from HPE Pointnext Services

HPE delivers services for IT by using proven best practices as well as automation and methodologies that have been tested and refined by HPE experts and artificial intelligence through thousands of deployments globally. Choose from the recommended services for customers purchasing from Hewlett Packard Enterprise or an authorized reseller. Services are quoted using Hewlett Packard Enterprise order configuration tools.

HPE Pointnext Tech Care

HPE Pointnext Tech Care is the new operational service experience for HPE products. Tech Care goes beyond traditional support by providing access to product specific experts, an AI driven digital experience, and general technical guidance to not only reduce risk but constantly search for ways to do things better. HPE Pointnext Tech Care has been reimaged from the ground up to support a customer-centric, AI driven, and digitally enabled customer experience to move your business forward. HPE Pointnext Tech Care is available in three response levels. Basic, which provides 9x5 business hour availability and a 2 hour response time. Essential which provides a 15 minute response time 24x7 for most enterprise level customers, and Critical which includes a 6 hour repair commitment where available and outage management response for severity 1 incidents.

<https://www.hpe.com/services/techcare>



Service and Support

HPE Pointnext Complete Care

HPE Pointnext Complete Care is a modular, edge-to-cloud IT environment service that provides a holistic approach to optimizing your entire IT environment and achieving agreed upon IT outcomes and business goals through a personalized and customer-centric experience. All delivered by an assigned team of HPE Pointnext Services experts. HPE Pointnext Complete Care provides:

- A complete coverage approach -- edge to cloud
- An assigned HPE team
- Modular and fully personalized engagement
- Enhanced Incident Management experience with priority access
- Digitally enabled and AI driven customer experience

<https://www.hpe.com/services/complecare>

Parts and Materials

Hewlett Packard Enterprise will provide HPE-supported replacement parts and materials necessary to maintain the covered hardware product in operating condition, including parts and materials for available and recommended engineering improvements.

Parts and components that have reached their maximum supported lifetime and/or the maximum usage limitations as set forth in the manufacturer's operating manual, product QuickSpecs, or the technical product data sheet will not be provided, repaired, or replaced as part of these services.

The defective media retention service feature option applies only to Disk or eligible SSD/Flash Drives replaced by Hewlett Packard Enterprise due to malfunction.

HPE Support Center

The HPE Support Center is a personalized online support portal with access to information, tools and experts to support HPE business products. Submit support cases online, chat with HPE experts, access support resources or collaborate with peers. The HPE Support Center Mobile App* allows you to resolve issues yourself or quickly connect to an agent for live support. Now, you can get access to personalized IT support anywhere, anytime.

HPE Insight Remote Support and HPE Support Center are available at no additional cost with a HPE warranty, HPE Support Service or HPE contractual support agreement.

Notes: *HPE Support Center Mobile App is subject to local availability.

For more information: <http://www.hpe.com/services>

For more information

- www.hpe.com/services
- <https://www.hpe.com/us/en/services/operational.html>

To learn more on HPE Storage Services, please contact your Hewlett Packard Enterprise sales representative or Hewlett Packard Enterprise Authorized Channel Partner. Contact information for a representative in your area can be found at "Contact HPE"
<https://www.hpe.com/us/en/contact-hpe.html>

HPE Support Services are sold by HPE and Hewlett Packard Enterprise Authorized Service Partners:

- Services for customers purchasing from HPE or an enterprise reseller are quoted using HPE order configuration tools.
 - Customers purchasing from a commercial reseller can find HPE Support Services at <https://ssc.hpe.com/portal/site/ssc/>
-



Service and Support

Only include if the product can be connected

Connect your devices

Unlock all of the benefits of your technology investment by connecting your products to Hewlett Packard Enterprise. Reduce down time, increase diagnostic accuracy and have a single consolidated view of your environment. By connecting, you will receive 24x7 monitoring, pre-failure alerts, automatic call logging, and automatic parts dispatch. HPE Tech Care Service and HPE Complete Care Service customers will also benefit from proactive activities to help prevent issues and increase optimization. All of these benefits are already available to you with your server, storage and networking products, securely connected to HPE support.

Learn more about getting connected at <http://www.hpe.com/services/getconnected>



Configuration Information

Software downloads and Licenses

HPE Command View for Tape Libraries

HPE Command View for Tape Libraries is a free download for MSL 1/8 G2 Autoloaders, MSL2024 Tape Libraries & MSL3040 Tape Libraries. Download available from: <http://www.hpe.com/support/cvtl>

Description

HPE StoreEver MSL6480 Command View TL LTU

SKU

TC444A

Notes: Permanent license to use for base software platform. Order 1 per MSL6480 Tape Library.

HPE StoreEver MSL6480 Command View TL E-LTU

TC444AAE

Notes:

- Permanent license to use for base software platform. This is an electronic license, Order 1 per MSL6480 Tape Library
- Users are required to install Command View for Tape Libraries for use of CVTL TapeAssure Advanced or CVTL Data Verification Software.

HPE StoreEver Command View for Tape Libraries - TapeAssure Advanced

HPE StoreEver Autoloader Command View for Tape Libraries - TapeAssure Advanced LTU

TC407A

Notes:

- For use with MSL 1/8 G2 Tape Autoloader. One CVTL TAA license is required per autoloader.
- This is a paper license that will be mailed.

HPE StoreEver Autoloader Command View for Tape Libraries - TapeAssure Advanced E-LTU

TC407AAE

Notes:

- For use with MSL 1/8 G2 Tape Autoloader. One CVTL TAA license is required per autoloader.
- This is an electronically delivered License.

HPE StoreEver MSL Command View for Tape Libraries - TapeAssure Advanced LTU

TC406A

Notes:

- For use with MSL2024 & MSL3040 Tape Libraries. One CVTL TAA license is required per library
- This is a paper license that will be mailed.

HPE StoreEver MSL Command View for Tape Libraries - TapeAssure Advanced E-LTU

TC406AAE

Notes:

- For use with MSL2024 & MSL3040 Tape Libraries. One CVTL TAA license is required per library.
- This is an electronically delivered Licenses.

HPE StoreEver MSL6480 Command View for Tape Libraries - TapeAssure Advanced LTU

TC445A

Notes: For use with MSL6480 Tape Libraries. One CVTL TAA license is required per library.

HPE StoreEver MSL6480 Command View for Tape Libraries - TapeAssure Advanced E-LTU

TC445AAE

Notes:

- For use with MSL6480 Tape Libraries. One CVTL TAA license is required per library.
- Users are required to install Command View for Tape Libraries for use of CVTL TapeAssure Advanced or CVTL Data Verification Software.

HPE StoreEver Command View for Tape Libraries - Data Verification Software

HPE StoreEver MSL3040 Command View for Tape Libraries - Data Verification 100 Cartridges E-LTU

Q8K43AAE

Notes: This is an electronically delivered license and is used for the MSL3040 Tape Library.

HPE StoreEver MSL6480 Command View for Tape Libraries - Data Verification 100 Cartridges LTU

TC443A

Notes: This is a paper license that will be mailed and is used for the MSL6480 Tape Library.

HPE StoreEver MSL6480 Command View for Tape Libraries - Data Verification 100 Cartridges E-LTU

TC443AAE

Notes: This is an electronically delivered license and is used for the MSL6480 Tape Library.



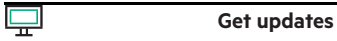
Summary of Changes

Date	Version History	Action	Description of Change
03-Apr-2023	Version 10	Changed	Overview section was updated Content Update
12-Dec-2022	Version 9	Changed	Standard Features section was updated
13-Jun-2022	Version 8	Changed	URL broken was fixed
17-Jan-2022	Version 7	Changed	Overview and Standard Features sections were updated
04-Oct-2021	Version 6	Changed	QS name has changed Overview and Service and Support sections were updated
08-Sep-2020	Version 5	Changed	Overview and Standard Features sections were updated
17-Aug-2020	Version 4	Changed	QuickSpecs layout was updated and Branding Refresh was applied.
06-Apr-2020	Version 3	Changed	QuickSpecs layout was updated
04-Feb-2019	Version 2	Changed	Software and Hardware Supported Section was updated
01-Oct-2018	Version 1	Created	New QuickSpecs.



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For hard drives, 1 GB = 1 billion bytes. Actual formatted capacity is less.

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