



Securing HPE Storage MSL Tape Libraries with Multifactor Authentication (MFA)

Strengthening access control with Multi-Factor authentication

Unauthorized access remains one of the most persistent and costly security threats to organizations today. As attackers grow more sophisticated at stealing or exploiting passwords, traditional authentication alone cannot protect critical systems and data. Multi-Factor Authentication (MFA) addresses this challenge by adding an additional layer of verification, ensuring that only authorized users can gain access - even if passwords are compromised.

Enhancing security through verified identity

Multi-Factor Authentication (MFA) for HPE Storage MSL Tape Libraries reinforces security by requiring users to verify their identity with two independent factors: something they know (a password) and something they have (a registered device that provides a time-based one-time passcode). By combining these elements, MFA significantly reduces the risk of unauthorized access resulting from stolen or compromised credentials. It ensures that only verified users can access critical systems and sensitive data.

- Protects against credential theft and phishing by requiring multiple verification factors beyond passwords.
- Limits the impact of compromised accounts through device-based and time-sensitive authentication.

Key features of MFA

- **Time-based one-time passcodes (TOTP):** Strengthens identity security with time-sensitive codes that prevent reuse and block unauthorized access.
- **Dual authentication:** Requires both a password and a TOTP from a registered device.
- **Integration:** MFA is embedded directly into Remote Management Interface (RMI) and Command View for Tape Libraries (CVTL) for secure control over the library, firmware updates, configuration, and hardware monitoring.

Benefits

- Prevents unauthorized access to sensitive data, applications, and information.
- Mitigates exposure from phishing, password reuse, and compromised accounts.
- Helps meet regulatory and industry requirements for strong access controls and data protection.
- Builds trust through secure, reliable, and seamless access experiences.



Get started with HPE Storage MSL Tape Library MFA

Protect your critical systems with a secure, no-cost solution for identity verification. Whether you're defending against unauthorized access or strengthening compliance, HPE MFA helps ensure your library, and CVTL users remain secure, verified, and resilient.

Supported platforms

— Remote management interface

- 1/8 G3 Autoloader: All firmware versions
- MSL2024: available with MSL2024 G4 expected H1'26
- MSL3040: Firmware version 3370 or later
- MSL6480: Firmware version 6.70 or later

— Command view for tape libraries

- Version 6.6 or later

Learn more at

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