FalconStor® StorSafe® VTL Data Sheet

FalconStor® StorSafe® VTL is a software solution that can run in the cloud, on physical servers, or on virtual machines. The virtual tape library (VTL) solution works with any leading backup software on single or mixed heterogeneous operating systems, emulating physical tape libraries and drives while shrinking backup images with advanced compression and patented block-level deduplication. StorSafe VTL includes StorSight® for easy centralized management of any number of StorSafe VTL instances running across on-premises, cloud, and hybrid cloud environments, with a scalable repository to provide predictive analytics, alert rules, reporting, and historical data.

TECHNICAL FEATURES

PATENTED DEDUPLICATION	- Delivers up to 95% data reduction for storage leveraging 9 U.S. patents - Minimizes cost for power, storage, and networking - Offers choice of inline, post-process, concurrent, or no data deduplication - Supports global deduplication with a single instance repository
ADVANCED SECURITY	- Encrypts data in motion and at rest using AES-256 with StorSafe VTL managed keys - Provides secure multi-tenancy and multi-factor authentication (MFA) - Delivers air-gapped and immutable backups to secure against cybersecurity, ransomware, and internal attacks by: - Provisioning Write-Once-Read-Many (WORM) virtual tapes - Integration with IBM Immutable Cloud Object Storage - Provides virtual tape shredding of obsolete tapes

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HYBRID CLOUD & MULTICLOUD SUPPORT

- Delivers real-time centralized management of on-premises and cloud data with StorSight®
- Ingests data from backup servers /tape/file shares/NAS (Network Attached Storage) shares to migrate to the cloud
- Runs on IBM PowerVS Cloud, Microsoft Azure, and Google Cloud Platform
- Supports an object storage repository sustaining multiple clouds
- Offers the only solution to handle IBM i backup workloads over 2TB with ease in IBM Power Virtual Servers

TECHNICAL SPECIFICATIONS

Host Operating Systems and Hypervisors	See Certification Guide
Connectivity Protocols	iSCSI, Fibre Channel, FCoE
Number of Virtual Tape Libraries	Up to 128 VTLs, up to 64 drives per VTL instance
Number of Virtual Cartridges	Up to 60000 virtual cartridges
Tape Library Emulation	See Certification Guide
Tape Drive Emulation	
Cloud Object Storage	
Backup Software	

SUPPORT AND SERVICES

For the latest information on our support and service offerings, visit https://www.falconstor.com/support/support-services/

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