QUANTUM STORAGE FOR VEEAM
ENABLING 3-2-1-1-0 DATA AVAILABILITY

- Ultra-fast backups, instant restores to maximize production system availability.
- Scalar tape appliance with Ransom Block provides the most secure physical barrier for offline protection.
- ActiveScale software-defined object store provides massive-scale immutable object locking and versioning.
- Protects your data from data loss, localized disaster, and ransomware using the 3-2-1-1-0 best practice approach.
- Scales with you as your business and data grow—from terabytes to petabytes.

COMPONENTS

DXi™ Deduplication Appliances
Integrated with Veeam Data Mover Service to deliver ultra-fast backups, Secure Snapshots, and instant restores, without trading off data reduction.

Scalar™ Tape Appliance
Scalar Security Framework enables you to create the most cyber-resilient tape storage to protect against ransomware.

ActiveScale™ Object Storage
Highly durable, reliable, long-term storage; data forever object store with Object Lock and versioning for ransomware protection that is Veeam Ready.

BENEFITS

Complete End-to-End Product Line
Only vendor offering Veeam full-stack hardware following the 3-2-1-1-0 best practice approach for data protection.

Fast Deduplication to Maximize Data Reduction
High-performance patented variable-length deduplication without the hassle of a landing zone.

Veeam Data Mover Support (VDMS)
Easier Veeam deployment and management, supporting synthetic fulls, Instant Virtual Machine Recovery (IVMR), and more.

Protection Against Ransomware
Create a multi-layered approach to protect from ransomware with Ransom Block, Secure Snapshot, or Object Lock and recover from any tier in the data lifecycle.

Self-Healing, Highly Scalable Object Storage
ActiveScale Object Storage software provides a cost-effective immutable on-prem alternate to public cloud.

Veeam Ready Integrated
DXi deduplication appliance can be used as a Veeam Repository for all Veeam functionality.
HOW IT WORKS

A. DXi DEDUPLICATION APPLIANCE
- Integration with Veeam Data Mover enables ultra-fast backups and instant restores
- Inline, variable deduplication maximizes data reduction to reduce disk usage and expense
- Enables efficient data movement across the WAN to DR sites and the cloud
- Includes DXi Secure Snapshot to protect and enable recovery from ransomware attacks

B. SCALAR TAPE APPLIANCE
- Quantum Scalar Security Framework includes Ransom Block, which creates a literal physical barrier between data stored on tape and any network-connected device, even the tape robotics system
- Highest storage density in LTO automation; lowest cost per gigabyte within a single rack
- Lowest cost and most secured storage tier with AES 256-bit encryption, WORM technology, and ultra-access control with multi-factor authentication

C. ACTIVESCALE OBJECT STORAGE
- Software-defined object store that provides massive scale and the highest levels of data durability
- Self-healing, highly scalable object storage system, with Object Lock to protect and recover from ransomware
- Simple-to-manage onsite or offsite backup target that is always online for easy recovery
- Software provides a data-forever storage infrastructure that is Veeam Ready
- Cost-effective immutable storage alternative to public cloud storage

POWERFUL BUT SIMPLE TAKEAWAYS

DXi INTEGRATION WITH VEEAM DATA MOVER SERVICE
VDMS manages the tasks required to execute fulls, incrementals, and synthetic fulls, freeing up resources for Veeam backup servers, and network and primary storage while maximizing data reduction with a “Veeam-ready repository” variable-length deduplication appliance.

NO LANDING ZONE
Why lose control and let an appliance decide if your data remains on a landing zone or on a deduplication zone? Get a 100% deduplication solution that supports Veeam Accelerated Data Mover and Veeam advanced features like synthetic fulls, IVMR, and more.

ACTIVESCALE OBJECT STORAGE
Software provides a data-forever storage infrastructure for archiving that is Veeam Ready Object with Immutability.

SCALAR TAPE APPLIANCE
The most secured tape libraries in the market with Ransom Block and the Scalar Security Framework, Quantum + Veeam make it easy to create a cyber-resilient backup or archive environment.

Quantum technology, software, and services provide the solutions that today’s organizations need to make video and other unstructured data smarter – so their data works for them and not the other way around. With over 40 years of innovation, Quantum's end-to-end platform is uniquely equipped to orchestrate, protect, and enrich data across its lifecycle, providing enhanced intelligence and actionable insights. Leading organizations in cloud services, entertainment, government, research, education, transportation, and enterprise IT trust Quantum to bring their data to life, because data makes life better, safer, and smarter. Quantum is listed on Nasdaq (QMCO) and the Russell 2000® Index. For more information visit www.quantum.com.

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