# Quantum Storage for Veeam Enabling Data Availability

- Ultra-fast backups, instant restores to maximize production system availability
- Scalar converged tape appliance makes it fast and easy to create tape for offline protection
- Protects your data from data loss, localized disaster, and ransomware using the 3-2-1-1 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 and instant restores, without trading off data reduction.

### QXS™ Disk Storage
High-performance disk storage for under $200/TB to support VM boots and super-fast Instant VM Recovery, or for direct-attached backup environments.

### Scalar® Converged Tape Appliance
Makes it fast and easy to create tape for offline protection against ransomware.

## BENEFITS

### Complete End-to-End Product Line
Only vendor offering Veeam full-stack hardware following the 3-2-1-1 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.
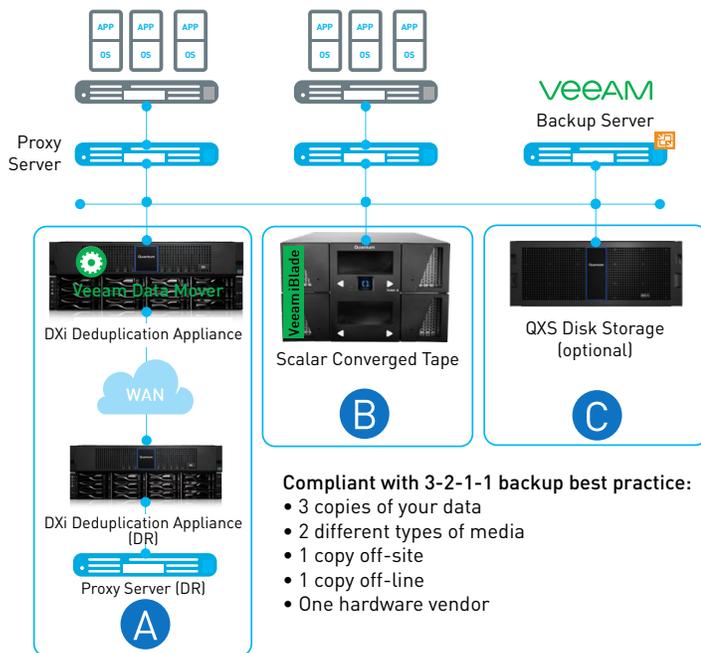
### Protection Against Ransomware
The only converged tape appliance that contains an embedded Veeam proxy server, eliminating the need for an external physical server.

### Scalability on Your Terms
Scale up design with performance at all capacity points.

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

Proxy Server

Veeam Backup Server

Veeam Data Mover

DXi Deduplication Appliance

Scalar Converged Tape

QXS Disk Storage (optional)

WAN

DXi Deduplication Appliance (DR)

Proxy Server (DR)

**A**

**B**

**C**

**Compliant with 3-2-1-1 backup best practice:**
• 3 copies of your data
• 2 different types of media
• 1 copy off-site
• 1 copy off-line
• One hardware vendor

## 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 accross the WAN to DR sites and the cloud

### B. SCALAR CONVERGED TAPE APPLIANCE

- Makes it easy to procure, install, configure, and create tapes without a separate dedicated tape server
- Highest storage density in LTO automation; lowest cost per gigabyte within a single rack
- Integrated iLayer™ analytics constantly monitor tape system components, reducing management time and OPEX
- Secure, offline storage makes tape the best choice for long-term retention and protection against ransomware

### C. OPTIONAL HYBRID STORAGE

- For customers demanding super-fast instant recovery and virtual sandbox, or for direct-attached environments

## THREE 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.

### SCALAR CONVERGED TAPE APPLIANCE

Makes it fast and easy to create tape in a Veeam environment by eliminating the need for an external, dedicated tape server.

# Quantum.

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