

Maximize Performance and Data Availability for Virtualized Environments with Quantum and Veeam

TRADITIONAL BACKUP APPROACH FALLS SHORT

In the modern data center, many companies running business-critical applications on a virtual infrastructure face a variety of technical challenges that traditional backup vendors are struggling to address:

- Managing explosive data growth with flat budgets
- Maximizing availability and performance of business-critical applications and data
- Ability to quickly recover and restore files, systems, and applications to enable the business

Using legacy backup products in this evolving modern data center doesn't cut it for companies looking to make applications and data available to stakeholders every minute of every day. Traditional backup vendors are working to enhance their offering to better address these challenges, yet they are not able to deliver the same recovery speeds and restore granularity levels that can be achieved with new solutions that are designed from the ground up for virtual environments.

3-2-1 DATA PROTECTION WITH VEEAM AND QUANTUM

Veeam and Quantum have partnered to help customers experience the recovery of a single email or file in seconds, and the recovery time and point objectives (RTPO™) of well under 15 minutes for all applications and data. Quantum's tiered storage empowers customers to use any combination of disk, cloud, or tape to implement a 3-2-1 best practice approach for data protection and to reach the right balance between performance and cost.

By combining Veeam software and Quantum's portfolio of tiered storage offerings, customers are able to maximize availability of their production environment at the lowest cost of ownership. The attributes of a 3-2-1 data protection solution are described below.

This 3-2-1 data protection solution with Veeam and Quantum maximizes performance and availability at the lowest cost, and ensures your data is protected across sites.

Data is stored in three different places as shown, with protection policies managed by Veeam software.

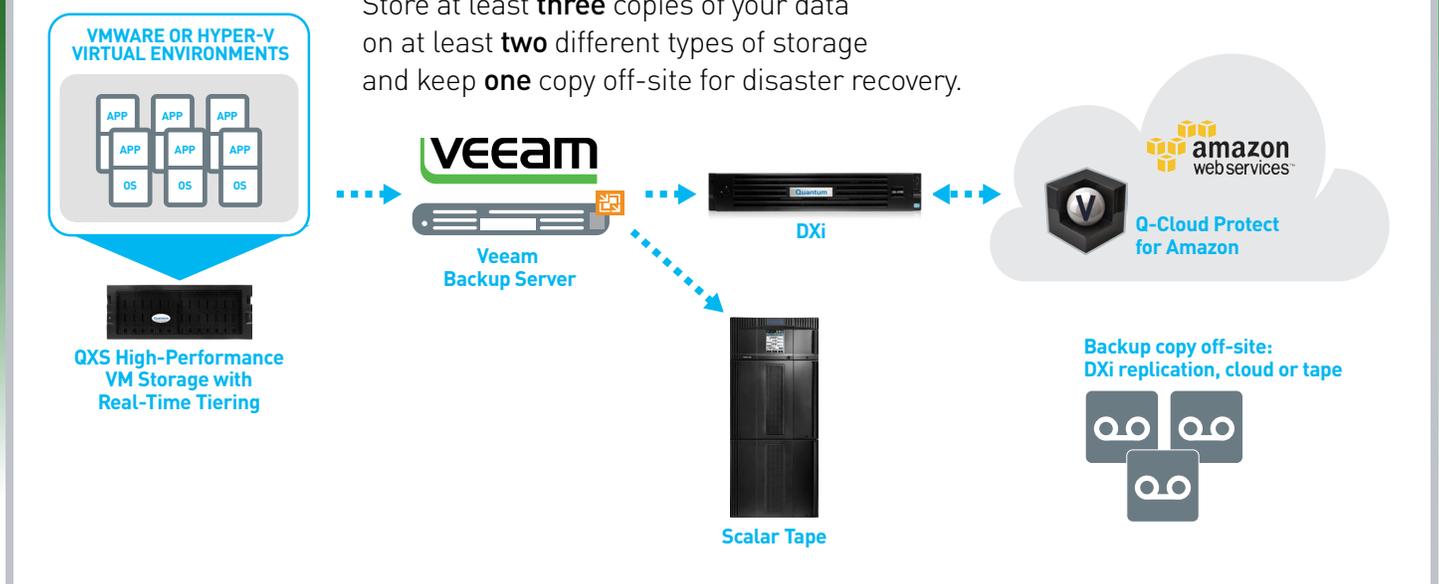


SOLUTION BENEFITS

By using Veeam Backup and Replication software with Quantum's storage solutions, users will realize the following business benefits:

- Maximize data availability while dramatically reducing the cost and complexity of VM protection
- Restore VMs and individual files in seconds
- Tune the solution to your needs by leveraging available on-premise and public cloud choices that address both performance and cost needs
- Deploy a 100% virtualized data protection solution with DXi® V-Series virtual appliance

Figure 1. 3-2-1 Data Protection with Veeam and Quantum



Data should be kept on two different storage mediums for ultimate protection, and only Quantum offers a portfolio that includes disk, tape, and even cloud options.

- Quantum's DXi deduplication appliances use variable-length deduplication to reduce data storage and transmission costs by 90% or more, and are a great choice for long-term retention of backup data. And with DXi's support for Veeam Instant VM Recovery, you can get your critical systems up and running quickly.
- Quantum Scalar® tape provides an offline copy of storage that is safe from online threats and viruses, and also provides a low-cost, low-power, long-term storage option.
- Using Quantum QXS block storage for storing your most recent backups ensures that you can support all of Veeam's Availability Suite of features, including Instant VM recovery, virtual sandbox, and more.

Finally, users can leverage tape or Quantum's Q-Cloud™ Protect cloud-based appliance to transport and store data off-site for disaster recovery.

WHY QUANTUM AND VEEAM

Veeam has earned some of the highest awards and accolades in virtualization with industry firsts such as Instant VM Recovery, SureBackup Recovery Verification, and Universal Application-Item Recovery.

Quantum brings its own award-winning technology along with over 30 years of expertise in backup, recovery, and archive. The company is a global leader in the industry and continues to evolve to meet the needs of its customers.

To learn more, please visit us at www.quantum.com/veeam.



ABOUT VEEAM

Veeam® enables the Always-On Business™ by providing solutions that deliver Availability for the Modern Data Center™, which provides recovery time and point objectives (RTPO™) of <15 minutes for all applications and data. Veeam recognizes the challenges in keeping a business up and running at all times and addresses them with solutions that provide high-speed recovery, data loss avoidance, verified protection, leveraged data, and complete visibility.

ABOUT QUANTUM

Quantum is a leading expert in scale-out storage, archive and data protection, providing solutions for sharing, preserving and accessing digital assets over the entire data lifecycle. From small businesses to major enterprises, more than 100,000 customers have trusted Quantum to address their most demanding data workflow challenges. With Quantum, customers can Be Certain™ they have the end-to-end storage foundation to maximize the value of their data by making it accessible whenever and wherever needed, retaining it indefinitely and reducing total cost and complexity. See how at www.quantum.com/customerstories.

©2016 Quantum Corporation. All rights reserved. Quantum, the Quantum logo, DXi, Q-Cloud and Scalar are either registered trademarks or trademarks of Quantum Corporation and its affiliates in the United States and/or other countries. All other trademarks are the property of their respective owners.



www.quantum.com • 800-677-6268
www.veeam.com • 678-203-4196