Quantum

Quantum & Cohesity: An Agile and Elastic Data Protection Solution for Virtualized and Multi-Cloud Environments

COHESITY

Challenges

- Keeping pace with exponential data growth without busting the budget.
- Meeting increasing data retention and SLA requirements.
- Cost-effectively storing data to allow for increased data analytics.
- Managing data across private, hybrid, and multi-cloud environments.
- Avoiding vendor lock-in associated with secondary storage appliances.

Solution

Combining Cohesity DataProtect with Quantum ActiveScale™ object storage platform creates an agile and elastic data protection solution that provides end-to-end protection for your virtual and physical workloads, databases, applications, and storage with a single, simple web-scale solution.
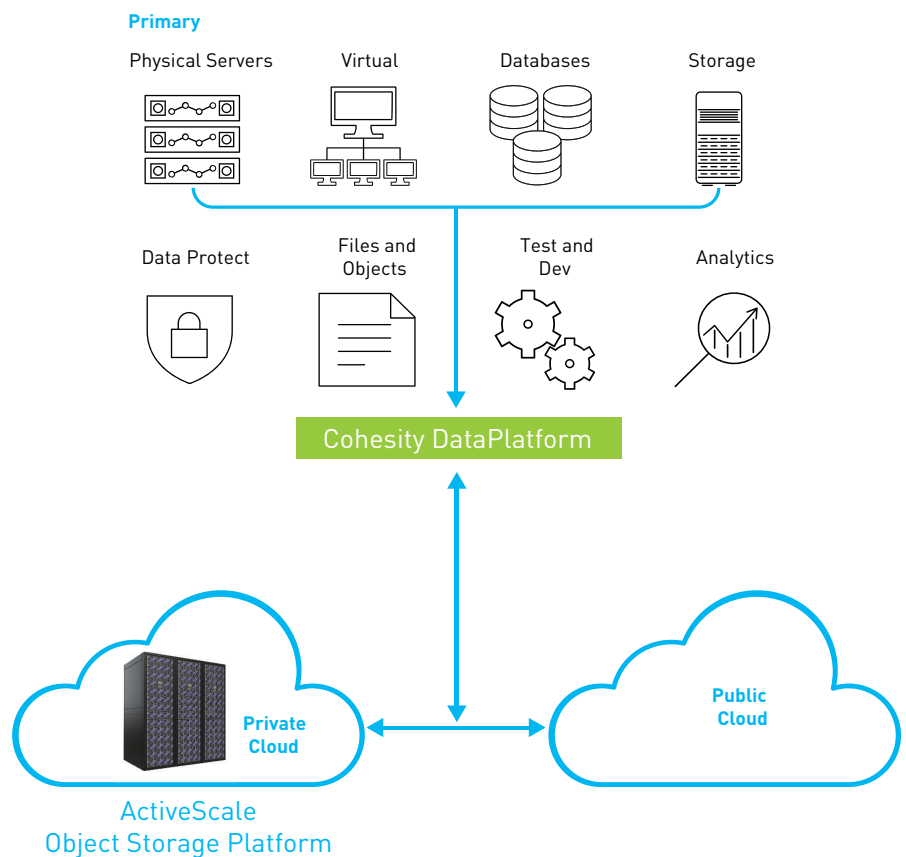
Highlights

- Eliminates legacy backup silos and radically simplifies operations.
- Enables rapid recovery of data to help meet your business SLAs.
- Deploys anywhere, scales out easily, and eliminates forklift upgrades.

Protecting Your Organization's Most Valuable Assets

Data is your organization's most valuable asset. Yet backing it up often creates costly and risky IT management headaches. That's because backup solutions are typically provided by four or five vendors, siloed across dozens of different locations, and in aging infrastructure. This causes mass data fragmentation, slowing recovery, and dark data.

Massive data growth, increasing compliance requirements, and restrictive IT budgets are placing increasing demands on organizations to deploy more efficient data protection strategies to meet their business objectives. You can help your business overcome operational challenges and move to modern data management by leveraging an integrated solution powered by Quantum and Cohesity.

Primary

Physical Servers   Virtual   Databases   Storage

Data Protect   Files and Objects   Test and Dev   Analytics

Cohesity DataPlatform

Private Cloud   Public Cloud

ActiveScale Object Storage Platform

Quantum and Cohesity – A Powerful Solution

Quantum has a broad portfolio of storage systems, from NVMe flash to tape, that provides the freedom to store data with the right combination of performance and value. Collectively, Quantum and Cohesity deliver a simple and powerful solution that provides customers with a highly scalable, easy-to-manage data protection solution at a fraction of the cost of traditional storage solutions.

Data protection depends upon timely backups, fast global search, and rapid recovery. Cohesity DataProtect is comprehensive data protection software that radically simplifies backup and recovery operations by consolidating the functionality of separate backup software, target storage, proxy and media servers, and cloud gateways into a single solution. Cohesity DataProtect reduces your recovery point objectives to minutes. Unique SnapTree technology eliminates chain-based backups and delivers instantaneous application or file-level recovery, with a full catalog of always-ready snapshots even at full capacity. Dramatically reduce recovery time with unlimited and fully hydrated snaps without any performance impact.

ActiveScale Expands the Power of Cohesity DataProtect

Quantum's ActiveScale object storage for private cloud provides on-premises and hybrid-cloud storage that seamlessly extends Cohesity DataProtect with massive scalability and outstanding levels of durability and affordability. This enables IT organizations to easily reduce storage costs while allowing users and applications to seamlessly access all data as normal.

The combination of ActiveScale and Cohesity provides built-in, automatic, and policy-based tiering, enabling customers to offload data from expensive storage, allowing you to eliminate tape for long-term data archival. Data stored in ActiveScale can then be used for disaster recovery or rapidly retrieved for test and development purposes.

Summary

With data continuing to grow exponentially, storing, managing, and protecting business-critical information within a tight budget is a challenge. Quantum and Cohesity recognize 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. The combination of Cohesity DataProtect and Quantum ActiveScale delivers a reliable, easy-to-manage storage and data protection solution that is ideal for virtualized, hybrid- and multi-cloud storage environments.

To learn more, please visit www.quantum.com/object-storage.