Quest® QoreStor™

Next-generation software-defined secondary storage platform

Your business depends on its applications and data more than ever before, so your backup and recovery plan must be rock solid with a strong focus on maintaining business continuity. Easier said than done, right? With the exponential growth of data, backups are prohibitively slow and storage costs are rising. How can you enable an always-on, always-available IT environment to support your organization's digital transformation strategy to better serve customers?

Here's how: Quest® QoreStor™ is a software-defined secondary storage platform based on Quest's proven DR Appliance's resilient deduplication and replication technologies. With QoreStor, you can break free of backup appliances and accelerate backup performance, reduce storage requirements and costs, and replicate safer and faster to the cloud for data archiving, disaster recovery and business continuity.

Lower costs and maximize the return on your IT investment by leveraging virtually any storage hardware, virtualization platform or cloud provider. QoreStor also supports many backup software solutions — so it's not just for Quest. Simple to deploy and easy to manage, QoreStor enables you to shrink replication time, improve data security and address compliance requirements.

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BENEFITS:

- Reduce on-premises and cloud storage costs with industry-leading deduplication and compression.

- Accelerate backup completion with protocol accelerators and dedupe.

- Shrink replication time by transmitting only changed data.

- Improve data security and comply with FIPS 140-2.

- Maximize return on investment for existing data protection technologies.

- Lower total cost of ownership through all-inclusive licensing.

FEATURES

- **Hardware- and software-agnostic platform —** Employ any storage hardware, backup software, virtualization platform or cloud provider to reduce costs, simplify your IT environment and maximize the return on investment (ROI) for existing technologies.

- **Next-generation storage dedupe engine —** Lower your backup storage requirements by an average of 20:1, and take advantage of enterprise-class variable-block deduplication.

- **Built-in protocol accelerators —** Accelerate data ingest by up to 20 terabytes per hour to address your ever-shortening backup windows with built-in protocol accelerators that speed write operations using optimized client-side deduplication. Only unique data chunks are sent to QoreStor.

- **Remote replication for disaster recovery —** Replicate only unique data to a remote site, reduce replication windows by 10 to 15 times, reduce network bandwidth requirements by 85 percent and shorten overall replication time.

- **Back up to the cloud —** Back up directly to the cloud over your WAN but with LAN-like speeds through source-side deduplication where only the changes are transmitted. Achieve recovery point objectives (RPOs) that are typical of on-premises deployments, even over the WAN.

- **Secure connect —** Ensure complete backups, even over poor links that disconnect often. Links can disconnect many times, but backup will continue once connection is re-established. Rest assured knowing that all data sent across the WAN is encrypted.

- **Direct-to-target backup —** Bypass the media server and back up directly to the target storage device.

- **Data security —** Address your demanding security requirements with built-in encryption at rest, secure erase and FIPS 140-2 compliance. Encryption at rest uses industry-standard 256-bit

Advanced Encryption Standard (AES) keys, which are generated either one time or at set intervals.

- **Best-in-class data integrity —** Count on data verification and file system health checks to overcome potential storage failures and help ensure recoverability.

- **Multitenancy —** Easily create storage groups — and containers within those storage groups — to define separate storage policies and capacities within a single QoreStor system.

- **Global View Cloud —** Administer all QoreStor instances in a single console, from anywhere, on any device, making QoreStor easy to use, manage and maintain.

JOIN THE QORESTOR BETA PROGRAM

We are already working to improve the QoreStor platform. Customers and partners who join the QoreStor beta program can get a sneak peek at these exciting enhancements:

- Even broader backup application support
- Additional storage protocols
- Cloud Replicator
- Policy-based replication
- QorePortal integration

Request to join the beta program.

ABOUT QUEST

At Quest, our purpose is to solve complex problems with simple solutions. We accomplish this with a philosophy focused on great products, great service and an overall goal of being simple to do business with. Our vision is to deliver technology that eliminates the need to choose between efficiency and effectiveness, which means you and your organization can spend less time on IT administration and more time on business innovation.

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