# Quest®

QoreStor®

Cloud-connected storage, deduplication and replication

With the exponential growth of data, backups are becoming prohibitively slow and storage costs are rising. How can you enable a cloud-connected, IT environment to support your data management strategy?

Here's how: Quest® QoreStor® is a software-defined secondary storage platform that accelerates backup performance, slashes on-premises and cloud storage requirements and costs, and enables the use of cloud storage for backup, archiving and disaster recovery.

Slash costs and maximize the return on your IT investment by leveraging virtually any storage hardware, virtualization platform or cloud provider. QoreStor supports most popular backup software solutions — so there's no need to rip and replace your existing software! Simple to deploy and easy to manage, QoreStor enables you to shrink replication time, improve data security and meet compliance requirements.
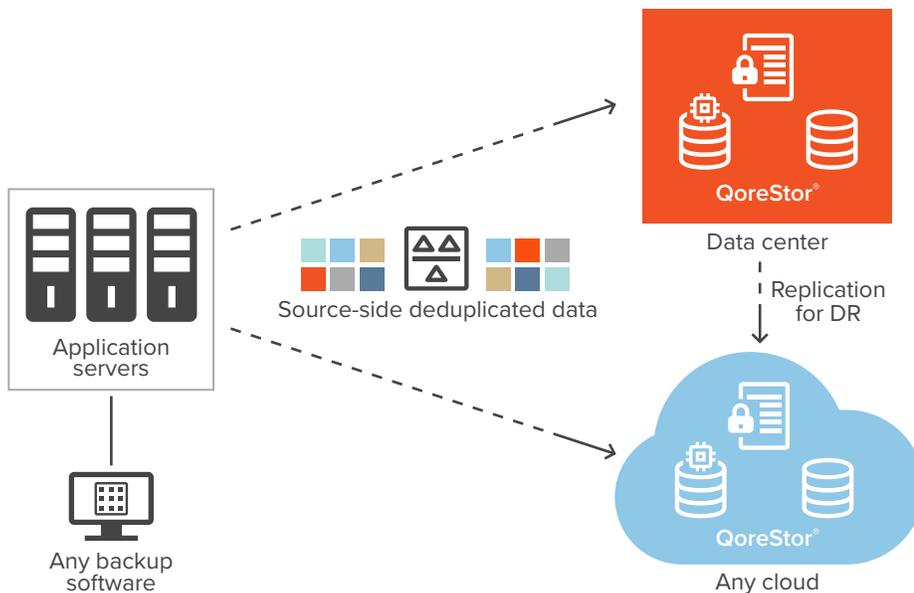
QoreStor delivers transparent storage that connects instantly to the cloud, accelerates backup performance, reduces storage requirements and costs, and restores immediately from the cloud to help RTOs/RPOs.

BENEFITS:

- Slash on-premises and cloud backup storage costs.

- Accelerate backup completion with unique protocol accelerators and deduplication.

- Replicate data on-premises or to another cloud.

- Shrink replication time by transmitting only changed data.

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

- Leverage your existing data protection technologies.

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

Application servers

Any backup software

Source-side deduplicated data

QoreStor®

Data center

Replication for DR

QoreStor®

Any cloud

FEATURES

- **Cloud Tier —** Move and recover data from cloud storage quickly and easily with this policy-driven, seamless cloud extension.

- **Performance Tier —** Recover instantly, without having to compromise on deduplication, with this high-speed storage group.

- **Archive Tier —** Address long-term data retention needs by sending backup data to low-cost 'cold' cloud storage, such as AWS Glacier and Azure Archive.

- **Object Direct —** Reduces backup storage costs by allowing the use of low-cost object storage (on-premises and in the cloud) for the main backup data repository.

- **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 your ROI.

- **Next-generation storage deduplication 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 with Secure Connect technology —** Accelerate data ingest by up to 20 terabytes per hour to address your ever-shortening backup windows. Ensure complete backups, even over poor links that disconnect often.

- **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.

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

- **Data security —** Meet 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.

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

- **Multitenancy and role-based access —** Create storage groups easily — and containers within those storage groups — to define separate storage policies and capacities. Advanced user roles allow for more granular control.

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

ABOUT QUEST

Quest creates software solutions that make the benefits of new technology real in an increasingly complex IT landscape. From database and systems management, to Active Directory and Office 365 management, and cyber security resilience, Quest helps customers solve their next IT challenge now. Quest Software. Where next meets now.