

# Making Veeam Backup & Replication Even Better with Quest® QoreStor®

Speed backup and recovery, reduce storage and secure backup data

You count on Veeam Backup & Replication every day for data protection, but exponential data growth may be slowing down the process, affecting your recovery point objectives (RPOs) and adding unnecessary cost and risk. In addition, you're using limited IT budget to continue investing in more and more storage to keep up, storing your backups onsite and in the cloud.

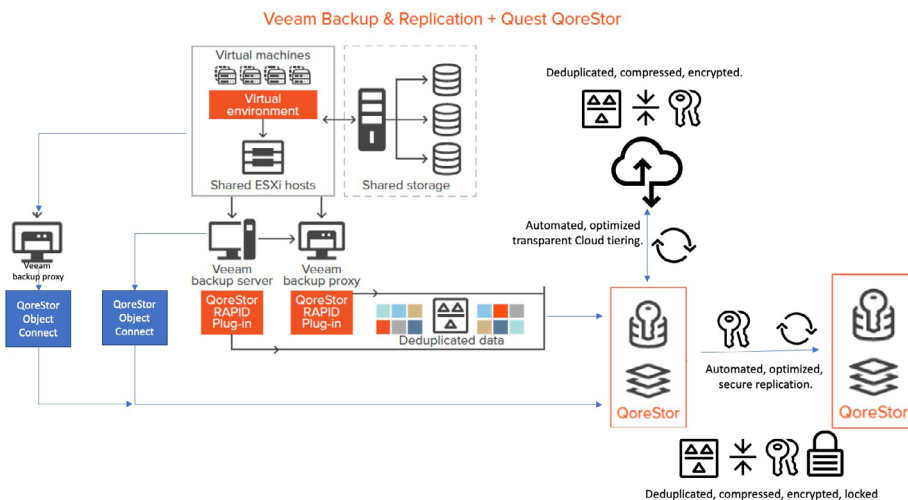
With Quest® QoreStor®, you can accelerate your Veeam® backups significantly while reducing backup storage more than 90%. This software-defined secondary storage platform has been qualified and tested with Veeam Backup & Replication™ and has been verified as a Veeam Ready Repository.

QoreStor v7.4 supports key Veeam v12 features including Direct-to-Object Backups. With QoreStor, you can de-duplicate, compress, encrypt and lock object based backup data. Moving data to cloud could not be simpler. QoreStor's Cloud Tier

provides seamless, secure and optimized data movement to and from cloud.

QoreStor delivers so much value to Veeam environments when using the cloud including:

- Reduced management overhead
- Reduced storage consumption and cost through global deduplication, compression and encryption across all object-based backups
- Accelerated recovery of cloud stored data to near LAN speeds
- Intelligent cloud recovery, reducing recovery time and egress costs. Lower costs and maximize the return on your IT investment by leveraging any storage hardware, virtualization platform or cloud provider
- Anomaly Detection - Using built in Artificial Intelligence, QoreStor learns the patterns around backup data flow and will alert to unusual data patterns



Quest®

VEEAM

VEEAM  
READY



Repository

VEEAM  
READY



Object with  
Immutability

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## BENEFITS:

- Significantly reduce backup storage requirements and costs on-prem and in the cloud
- Accelerate recovery from local and cloud storage to reduce business downtime
- Strengthen ransomware protection with immutable backups, object locking, versioning control and anomaly detection alerting - both on-prem and in the cloud
- Improve data security through in-flight and at-rest data encryption
- FIPS 140-2 compliant for government agencies
- Lower total cost of ownership through all-inclusive licensing
- Run QoreStor anywhere, on anything: VM | Cloud | Physical server

## SYSTEM REQUIREMENTS

### OPERATING SYSTEMS

RedHat Enterprise Linux\*

Oracle Linux\*\*

Rocky Linux\*

Alma Linux\*

Refer to the QoreStor Interoperability Guide for more detailed version information: .....

\* Requires xfs file system

\*\*Does not support Oracle un-breakable kernel.

### SUPPORTED CLIENTS

Quest NetVault® Backup

Quest vRanger®

Veeam Backup & Replication

Veritas NetBackup

Veritas Backup Exec

Oracle Recovery  
Manager (RMAN)

SQL Server (Backup)

IBM Spectrum Protect

Arcserve UDP

Micro Focus Data Protector

Dell EMC NetWorker

Bridgehead

Refer to the QoreStor Interoperability Guide for more detailed version information.

### STORAGE

QoreStor server requires a stable and robust storage infrastructure and a locally attached file system either through SAN or direct attached storage.

### SUPPORTED PLATFORMS

Includes but not limited to:

Cloud providers: Azure, Amazon Web Services (AWS), Wasabi, Backblaze, Google Cloud and IBM

Virtualization: VMware, Hyper-V, KVM

## FEATURES

- **Veeam Backup & Replication ready** — QoreStor is qualified and tested for Veeam Backup & Replication 9.5 Update 3a and higher.
- **Veeam Direct to Object Backup Support** — Provides secure, locked data deduplication and cloud tiering to Veeam direct to object backups to speed backup and recovery while reducing storage costs.
- **Hardware and software agnostic platform** — Employ any storage hardware, backup software, virtualization platform and 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 content-aware 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.
- **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.
- **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** — Create storage groups easily — and containers within those storage groups — to define separate storage policies and capacities within a single QoreStor system.
- **Quest QorePortal integrated** — Provides web-based management of all your QoreStor on-prem and in the cloud instances.

## ABOUT QUEST

Quest provides software solutions for the rapidly-changing world of enterprise IT. We help simplify the challenges caused by data explosion, cloud expansion, hybrid datacenters, security threats and regulatory requirements. Our portfolio includes solutions for database management, data protection, unified endpoint management, identity and access management and Microsoft platform management.