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Quantum's StorNext Software Makes Cloud Content More Accessible, Speeds Data Retrieval

-- StorNext Self-Describing Objects Enable New Hybrid-Cloud Workflows

-- Multi-Threaded Put / Get Operations Improve Performance To / From Cloud and Object Stores

-- Adds support for AWS Deep Glacier, More Durable On-Premise Tape Archives

SAN JOSE, Calif., May 12, 2020 /PRNewswire/ -- Quantum Corp. (NASDAQ: QMCO) today announced new advancements for its award-winning StorNext® file system and data management software which are designed to make cloud content more accessible, with significantly improved read and write speeds for any cloud and object store based storage solution. The new StorNext software features enable hybrid-cloud and multi-cloud storage use cases, delivering greater flexibility for media and entertainment and other data intensive environments such as genomics, academic research, video surveillance, oil and gas and government security. Quantum unveiled StorNext 6.4 software at [VirtualQ | NAB](#), a virtual video event Quantum is hosting from May 12-14, 2020. This latest version of StorNext software advances Quantum's software-defined product portfolio strategy and extends Quantum's leadership in managing video and other unstructured data.



*[Click to tweet: New hybrid #cloud workflows enabled by @QuantumCorp StorNext 6.4 software with quick retrieval speeds, brings content in the cloud within reach
<https://bit.ly/3cgk62R>]*

New: Cloud Content More Accessible Using Self-Describing Objects

StorNext 6.4 software incorporates self-describing objects to make cloud content more easily accessible, enabling new hybrid-cloud workflows. The client writes files into StorNext file system then, based on policy, StorNext 6.4 software copies files to the public or private cloud, with the option to include additional object metadata. Non-StorNext software clients and cloud-resident processes may now access objects directly, leveraging the new extended metadata.

Improved Retrieval Speed from Large Object Stores

Multi-threaded put / get operations improve retrieval speed to and from large object stores and the cloud. Users can expect to see a 5X to 7X performance increase with StorNext 6.4 software, depending on the size of their objects and other factors. This feature enhances performance where single stream object performance is limited.

Other Notable Features in StorNext 6.4

- **StorNext Dynamic Library Pooling:** This feature improves resiliency for large tape archives, enabling the use of multiple libraries for performance and redundancy, including scale-out tape with vertical libraries like Quantum's Scalar[®] i6 tape library. Customers can rotate file stores to different libraries to increase availability.
- **Support for AWS Glacier Deep Archive Service** Quantum's StorNext 6.4 software adds support for Amazon Glacier[™] Deep Archive to StorNext's already-robust integration with Amazon Web Services, Microsoft Azure, Google Cloud Platform, and others.

Supporting Quotes

"Quantum's StorNext file system has been widely adopted by the media and entertainment industry because of the way it maximizes performance for flash-based drives, high-resolution workflows, and multiple workstreams," said Tom Coughlin, President, Coughlin Associates. "By making hybrid and multi-cloud storage environments more accessible, the StorNext file system continues to evolve as a tool for enabling media and entertainment workflows."

"We are working closely with our customers to innovate and enhance the capabilities of our StorNext file system," said Ed Fiore, Vice President and General Manager, Primary Storage, Quantum. "At this time when customers are forced to work remotely, the flexibility to move content between locations, both on-premise and cloud datacenters, is critical. This latest version of StorNext software adds new ways to archive content and access it in the cloud and is another step toward providing a seamless bridge between on-premise and the cloud."

Additional Resources

- For more about Quantum StorNext file system software: <https://www.quantum.com/en/products/file-system/stornext-6/>
- The full VirtualQ | NAB agenda and registration are available at: <https://bit.ly/2WFqg6g>
- To download the eBook "StorNext: The Modern File System that Can Supercharge Your Media Workflows" <https://landing.quantum.com/SN-E-Book.html?>

About Quantum

Quantum technology and services help customers capture, create and share digital content – and preserve and protect it for decades. With solutions built for every stage of the data lifecycle, Quantum's platforms provide the fastest performance for high-resolution video, images, and industrial IoT. That's why the world's leading entertainment companies, sports franchises, researchers, government agencies, enterprises, and cloud providers are making the world happier, safer, and smarter on Quantum. See how at www.quantum.com.


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