

Aspera for Scality High-Performance RING Storage

Scality RING Integrates Aspera FASP for Large Media Content

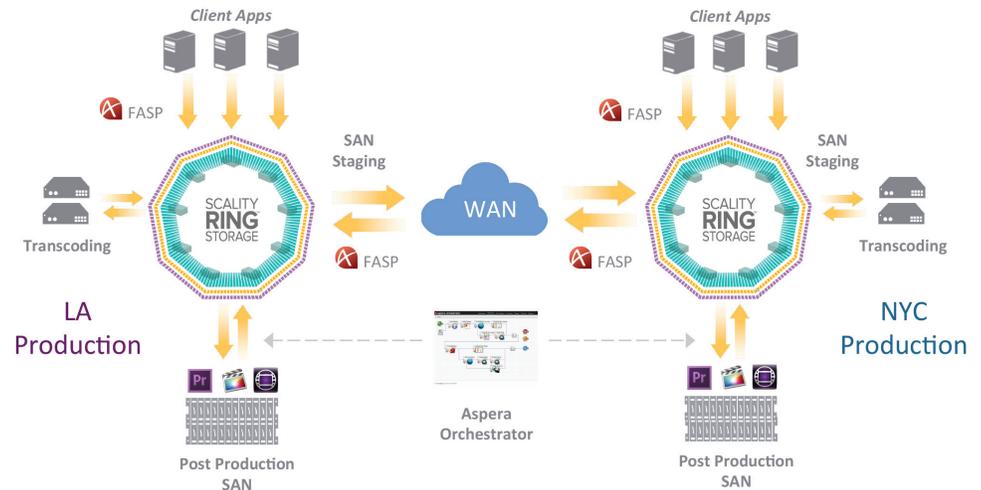
AT A GLANCE

Key Features

- Provides a fully integrated Aspera FASP-enabled solution that has been validated with both the Scality RING file system and RING S3 connectors.
- Uploads content directly into and out of Scality RING using Aspera transfer client and server software.
- Transfers large media over a wide area network (WAN) at line speed, regardless of distance, fully utilizing the available bandwidth.
- Supports multiple deployment models, including RING-to-RING transfers and RING transfers to and from any Aspera server to move large media assets globally from any location and storage type.
- Monitor and control transfers with Aspera software with on-the-fly aggregate or per-transfer bandwidth allocation.

Key Benefits

- Transfer at speeds much faster than HTTP, FTP, rsync or other conventional upload.
- Achieve high-speed, robust and reliable transfers.
- Allows existing Aspera users to use their current licensed Aspera clients to upload to Scality RING.
- Guaranteed predictable delivery times configurable via transfer priority settings.



Scality Aspera Media Collaboration Workflow

With the growth of large media files from HD and 4K content, the media industry requires predictable file transfers across geographically distributed media production sites. Scality, an established leader in software-defined storage, has integrated Aspera FASP into Scality's scalable RING storage solution leveraging either the RING's file-based or RING S3 access methods. With the Aspera integration, RING users greatly benefit from high-speed transfers for large files such as media files into and out of Scality RING regardless of their network.

Scality supports the broadest range of industry standard access protocols to support both file and object media workflows. Aspera users can leverage the new Scality RING S3 API to benefit from fast media access, geo-redundancy and high data resiliency levels.

The RING provides companies with a storage solution designed to scale linearly across multiple active sites and thousands of servers. Acting as a single, distributed system, the RING supports scaling beyond petabytes and hosting an unlimited number of objects. Scality has integrated with Aspera FASP transfer software to offer high-speed file transfer into, out of, and within the Scality RING.

The RING features a rich choice of native file and object interfaces and provides high performance across a variety of workloads, enabling organizations to utilize a Scality storage infrastructure without having to make any changes to their applications. The integration of the Aspera technology with the Scality RING enables media companies to transfer large files, such as HD video, in and out of the RING with the highest speed, security, and reliability regardless of file size or distance between production sites.

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SOFTWARE REQUIREMENTS

SCALITY

- Scality RING

ASPERA

- Aspera Enterprise Server with optional Connect Server
- Current Aspera customers can use their existing transfer clients including:
 - Aspera Connect web browser plug-in
 - Aspera Desktop Client

ABOUT SCALITY

Scality is a software company that provides high-performance, 100% reliable storage for the Information Age, with complete hardware choice. The Scality RING is perfect for capacity-driven workloads such as media workflows, cloud services and enterprise archiving. It runs on any standard x86 servers powered by Linux, and creates an unlimited storage pool for file and object applications. Its performance is unmatched in the industry, with the ability to serve millions of users simultaneously. 7 of the top 20 telecommunication companies, many cloud services, and enterprises rely on the RING for mission-critical applications, serving over 500 million users worldwide.

TYPICAL APPLICATIONS

High-speed ingest

Scality customers with distributed workflows benefit with Aspera FASP solutions by uploading content directly into and out of Scality RING. With Aspera, they can transfer large media files and folders globally over WANs at speeds much faster than HTTP, FTP, rsync or other conventional upload methods. Existing Aspera users can utilize their licensed Aspera transfer client and server software to upload to Scality RING.

Faster RING-to-RING Transfers

Aspera FASP technology integrated with Scality RING powers media workflows with high-speed transfer. This enables the RING to rapidly scale out over multiple sites, to support high availability and high durability. Scality customers can add Aspera transfer software without changing their existing infrastructure.

The integration supports multiple deployment models, including RING-to-RING transfers and RING transfers to and from any Aspera server. Scality customers can also leverage high-speed file transfer for Content Distribution Networks (CDNs) origin servers, Video On Demand (VOD), streaming services and Media Asset Management (MAM) workflows.

FEATURES AND BENEFITS

High-speed content transfer performance

- Transfers large media over a wide area network (WAN) at line speed, regardless of distance, fully utilizing the available bandwidth.
- Transfer at speeds much faster than HTTP, FTP, rsync or other conventional upload.

Maximize the performance of your existing Scality RING

- Provides a fully integrated Aspera FASP-enabled solution that has been validated with both the Scality RING file system and RING S3 connectors.
- Supports content transfers directly into and out of Scality RING using Aspera transfer client and server software.
- Allows existing Aspera users to utilize their licensed Aspera clients to upload to Scality RING.
- Enables multiple deployment models, including RING-to-RING transfers and RING transfers to and from any Aspera server to move large media assets globally from any location and storage type.

Reliable and secure file transfers

- Achieve high-speed, robust and reliable transfers with end-to-end progress reporting and performance monitoring.
- Precise bandwidth control ensures the entire available bandwidth is utilized to achieve maximum transfer speeds, while being fair to other critical network traffic.
- Complete security with built-in endpoint authentication, encryption, and data integrity verification.

INTERESTED IN FAST, CONVENIENT ACTIVATION?

In order to activate Aspera high-speed FASP transfers for Scality RING, Scality customers need to speak with their account representative to coordinate the deployment of appropriate Aspera solution. For Aspera questions and sales information, customers can contact sales@asperasoft.com.

About Aspera

Aspera, an IBM company, is the creator of next-generation transport technologies that move the world's data at maximum speed regardless of file size, transfer distance and network conditions. Part of IBM Cloud, Aspera software is powered by the Emmy®-award-winning FASP® protocol to deliver the fastest, most predictable file-transfer, share and sync experience across on-premises, cloud, and hybrid infrastructure. Aspera's core technology delivers unprecedented control over bandwidth, complete security and uncompromising reliability. Organizations across a variety of industries on six continents rely on Aspera software for the business-critical transport of their digital assets.

Learn more at www.asperasoft.com and follow us on Twitter [@asperasoft](https://twitter.com/asperasoft) for more information.