aspera
an IBM® company

# Aspera Shares

## Multi-node file sharing across public, private and hybrid clouds

### AT A GLANCE

#### Key Features

- Consolidated, transparent access to content across multiple server nodes, private data centers and public clouds (e.g., AWS, Azure, Google, SoftLayer).

- Support for public, private or hybrid cloud storage, or legacy data centers.

- Easy-to-use web interface with intuitive browsing, powerful search and direct drag-and-drop transfers between Shares to move files between globally distributed locations.

- Direct drag-and-drop transfers between Shares to move files between globally distributed locations

- Shares are fully integrated as secure, access controlled receiving and publishing points with Aspera Drive and Faspex™

- Powerful security model administered through a single management point combining authorization, user management, and access control.

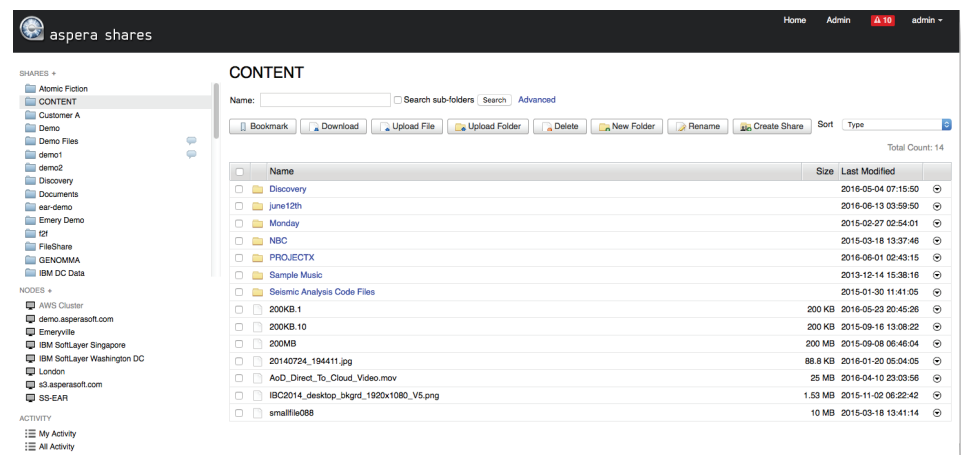- Available with Aspera On Demand and all major cloud platforms as a subscription-based service.

#### Key Benefits

- Consolidates content spread across multiple, geographically-dispersed locations.

- Virtualizes content location and storage so that node changes are transparent to users and do not alter existing workflows.

- Enables end-users to quickly and easily locate and download the right content.

- Supports extreme scalability by decoupling content stores and transfer nodes.

- Enables administrators to create highly personalized access and operation policies for each end-user.

Aspera Shares is a web application that provides a simple and intuitive way for companies to share content in the form of files and directories, of any size, within their organization or with external customers and partners. Accessible from a standard web browser, Aspera Shares provides secure access to a consolidated view of all available data content from multiple server nodes across diverse infrastructures.



### FEATURE-RICH, EASY-TO-USE INTERFACE

Aspera Shares provides intuitive, easy-to-navigate browsing across nodes, folders and files and supports direct drag-and-drop transfer between shares, allowing users to "move" files between globally distributed locations with ease and speed. Powerful built-in search capabilities make locating the right content simple and fast. Initiating downloads and uploads of files and directories is always a click away.

### CONSOLIDATED AND TRANSPARENT CONTENT ACCESS

Designed for extreme flexibility and scalability, Aspera Shares can be deployed as a single server solution or a separate web application, consolidating multiple content nodes into a single view and seamlessly managing user access and file transfers across all nodes. With Shares, companies have complete flexibility in where they place their digital content. Whether in a data center, a remote office, or cloud storage, Shares provides a consolidated view of all files and directories and seamless access across all nodes, hiding the physical location from the end user.

Basic operations can be performed on single or multiple files or folders, including search results, and all actions are logged and viewable in the activity feed.

### POWERFUL SECURITY AND ACCESS MODEL

Aspera Shares gives administrators complete control over which shares, directories and files are visible or accessible by users. Access control is extremely flexible and granular over all end-user operations such as file browsing, uploading, downloading, renaming or deleting, and adding or removing directories. All user management, access control and authorizations are administered through a single management point.

# Aspera Shares



Unified access to your worldwide Aspera network,
in private data centers and public cloud storage

## SUPPORTED PLATFORMS

**Server**

- Linux 64-bit: RHEL/CentOS 6 & 7
- Windows 64-bit: 2008 R2, 2012 R2

**Browsers**

- Internet Explorer 8+, Firefox 27+, Safari 6+, Google Chrome 32+

## SOFTWARE PREREQUISITES

- Aspera Enterprise Server licensed with Connect Server 3.6.0+
- Aspera Connect Browser Plug-In 3.6.1+

## TYPICAL APPLICATIONS

**Global browser-based data distribution**

Distribute data internally or externally from a centralized repository while restricting each user's views to specific files or folders.

**Consolidated access to content stored across multiple clouds**

Use a single interface to view and manage content distributed across various cloud storage systems, whether public or private.

**Project team and third-party data or content gathering**

Securely gather content or data from contributors by enabling each one to upload files or directories into a single repository with tightly controlled access to specific directories.

## ASPERA ON DEMAND

- Optional web application add-on to a base web transfer server running on all major cloud platforms.
- Subscription service with usage-based pricing.
- Support for nodes located in public or private clouds.
- Optimized intra-cloud I/O for public cloud storage.

## FEATURES AND BENEFITS

### Maximum data transfer performance

- Transfers are powered by FASP® — content is sent at high speed, regardless of file sizes, transfer distance, or network conditions.
- Precise bandwidth control for maximum transfer speeds and fairness to other traffic.
- 100% reliable data delivery with automatic resumes of partial transfers, retries of failed transfers and fallback to HTTP for highly restrictive networks.
- Optimized cloud storage I/O achieves line-speed transfers along the entire path.
- Fast, lossless inline compression reduces data sizes, further boosting transfer speeds.

### Designed for extreme scalability and location independence

- Web application is decoupled from the content stores and transfer servers or nodes.
- Application can be installed on the same node, or on a separate server supporting multiple nodes with a single view of the shared content across those nodes.
- Transfers single or multiple files and directories of any size over any distance.
- Nodes can be deployed in private data centers and/or public or private clouds dispersed across regions, countries, or continents, with a single Web interface consolidating all content.

### Easy-to-use web interface

- Consolidated view with powerful searching, filtering, and sorting capabilities across servers, and private, hybrid and public clouds (e.g., AWS, Azure, Google, SoftLayer).
- Direct drag-and-drop transfers between Shares to move files between globally distributed locations
- Shares are fully integrated as secure, access controlled receiving and publishing points with Aspera Drive and Faspex™

### Powerful security and access model

- Powerful security model administered with SAML just in time provisioning with SAML group support and single management point to combine authorization, user management, and access control
- Administrative control over which nodes, folders and files are visible and accessible.
- Control over user browsing, uploading, downloading, and changes to files or directories.
- Real-time activity feed keeps track of end-user actions and administrative operations.
- Comprehensive logging of all activities with configurable administrator alerts.

### About Aspera

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. Based on its patented FASP™ protocol, Aspera software fully utilizes existing infrastructures to deliver the fastest, most predictable file-transfer experience. 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**