

EMC—ASPERA

An EMC Select Partner Overview

ESSENTIALS

Partner product

- Client/server software solutions for high-speed file transfer based on *fast*™ technology
- Web-based transfer management application

EMC products

- EMC VNX Family®
- EMC Symmetrix® Family

Solution highlights

- Enables maximum transfer speed over wide area networks with distance-independent bandwidth utilization
- Provides policy-based bandwidth control and comprehensive transfer prioritization
- Ensures complete security via ssh authentication, encryption in transit and at rest, as well as data integrity verification

HIGH-SPEED, END-TO-END FILE TRANSFER OVER WIDE AREA NETWORKS

Aspera's *fast* transport technology is an emerging standard for the high-speed movement of large files or data sets over wide area networks (WANs). Hundreds of organizations across a variety of industries, including Fortune 500 companies, government agencies, and major Hollywood studios, rely on Aspera software for the business and mission-critical transport of their digital assets—some of them transferring multiple terabytes per day at global distances.

FAST AND CONTROLLABLE ACCESS TO BULK DATA OVER DISTANCE

When used with EMC® Multiprotocol File System (MPFS), Aspera's *fast* technology gives customers the optimal solution for fast data retrieval within the SAN and efficient and scalable bandwidth utilization over the WAN. Lab testing with 10 Gb Ethernet WANs has resulted in single file and multiple file transfers reaching transfer speeds of up to 3 Gbps making it possible to move terabytes of data across continents in a matter of minutes rather than days.

Running on a server with mounted EMC storage, *fast* offers customers client/server, client/storage, or storage/storage data interaction, independent of distance. This enables and optimizes such applications as data collaboration and sharing; global data access to centralized storage; FTP replacement; data management, migration, synchronization, and replication; disaster/recovery, and more.

NOW-GENERATION DIGITAL TRANSPORT FOR BIG DATA

The performance limitations of ubiquitous transfer applications such as FTP, HTTP, NFS, or CIFS are a direct result of the inherent bottlenecks of TCP, the traditional protocol used to reliably transfer data over IP networks. Aspera's patented *fast* technology eliminates the bottlenecks of TCP and delivers maximum transfer speed regardless of network conditions, transfer distance, file type, and volume of data. With bulletproof security and reliability built in, Aspera software provides users with unrivaled bandwidth management allowing for sophisticated transfer prioritization and automatic protection of other IP traffic.

ASPERA SOFTWARE SOLUTIONS FOR EMC

ASPERA ENTERPRISE SERVER

Combining next-generation transport with exceptional transfer and user management capabilities for enterprise applications, the Aspera Enterprise Server is the industry standard for serving up files, directories, and large data sets over the WAN with unrivaled Aspera performance.



The Aspera Enterprise Server supports connections with a variety of client options including scriptable command line, desktop applications, third-party embedded clients, and mobile applications.

ASPERA CONNECT SERVER

Built upon Aspera Enterprise Server technology, the Aspera Connect Server is the ideal solution when files and directories are exchanged with a large number of users over the WAN. Featuring a web-based directory listing that can be accessed from most standard browsers, the Aspera Connect Server lets authorized users upload and download data with the free, automatically installed Aspera Connect web browser plug-in.

ASPERA CONSOLE

The Aspera Console simplifies the process of deploying Aspera Server and Client nodes and managing Aspera transfers between them across a WAN. Providing users with detailed visibility over all file transfer activity within an Aspera network, Aspera Console offers an advanced web-based interface with comprehensive realtime notification, logging, and reporting capabilities, while maintaining a centralized transfer history database for detailed auditing and customized reporting.

ASPERA CLIENT

This full-featured desktop transfer client is used to initiate and automate transfers with the Aspera Enterprise Server. The Aspera client has full API support and CLI operation for application integration and transfer automation.

ASPERA POINT-TO-POINT

This advanced desktop transfer client supports the same transfer initiation and management features as the Aspera Client, with added support for two concurrent incoming connections.

ABOUT ASPERA, INC.

Aspera is the creator of next-generation transport technologies that move the world's digital assets at maximum speed, regardless of file size, transfer distance, and network conditions. Based on its patented *asp* protocol; only Aspera software fully utilizes existing infrastructure to deliver the fastest, most predictable file transfer experience. Find out more at www.asperasoft.com.

ABOUT EMC

EMC Corporation is the world's leading developer and provider of information infrastructure technology and solutions that enable organizations of all sizes to transform the way they compete and create value from their information. Information about EMC's products and services can be found at www.EMC.com.

CONTACT US

To learn more about how EMC products, services, and solutions can help solve your business and IT challenges, contact your local representative or authorized reseller—or visit us at www.EMC.com.

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