

# IBM Aspera Endpoint

*High-speed data transfer solution for direct, point-to-point Aspera FASP transfers*

---

## Key benefits & capabilities

- Highly scalable, reliable transfers, supporting thousands of concurrent transfer sessions and multi gigabit-per-second aggregate throughput.
  - Aspera data streaming and file synchronization included
  - Leverage Aspera's APIs and SDKs for custom applications and deep integration
- 

IBM® Aspera® Endpoint provides a simple, yet powerful, solution to initiate and send files from one location to another location anywhere in the world, whether on-premises, in a data center, or in the public cloud.

With the patented Aspera FASP® transport technology at its core, IBM Aspera Endpoint delivers unmatched performance with maximum transfer throughput independent of distance and network conditions. It achieves speeds up to 100s of times faster than HTTPS/FTP/SCP, with end-to-end security and exceptional bandwidth control.

Aspera Endpoint provides for a single administrative user along with Aspera capabilities for synchronizing files and folders and delivering large streams of data and high bitrate video.

## Fast, reliable transfers

Manually or automatically transfer files and directories or schedule repeating transfers. Allocate bandwidth based on transfer priority. Enable connections with a variety of client options including desktop applications, and mobile apps. Helps ensure a worry-free experience with automatic retry-and-resume from the point of interruption.

## Automated, high-speed remote backup and disaster recovery

Set up a simple, easy-to-maintain, high-speed file repository to enable backups of critical files (e.g., CAD projects, game builds, video edits, etc.). When a disaster recovery is needed, large amounts of big data files can be transferred back to a user's desktop at speeds of orders of magnitude faster than FTP or HTTP, saving hours and days over backup services that rely on traditional TCP-based transfer technologies.



## Comprehensive administration

Set up transfer priorities and define aggregate or per-flow bandwidth allocation. Vary transfer settings based on time-of-day and day-of-week, per user or group, and by client IP address or metadata.

## Unrivaled Aspera performance

Powered by Aspera's patented FASP® transport technology, content can be sent at high speed, regardless of file sizes, transfer distances or network conditions.

Aspera's precise bandwidth control ensures the entire allocated bandwidth is utilized to achieve maximum transfer speeds, while remaining fair to other business-critical network traffic.

The automatic, fast and lossless inline compression reduces data set transfer sizes, providing a further boost to Aspera's industry-leading transfer.

## Built-in Security

Keep your business-critical digital assets safe with Aspera's enterprise-grade security features, which include thorough SSH authentication, FIPS 140-2 Level 1 compliant cryptographic module, and data integrity verification for each transmitted block.

Provides AES-128/192/256 data encryption in-transit and at-rest, both client side and server side, with configurable per-user encryption setting and minimum password strength.

## Precise bandwidth utilization control

Enables the ability to adjust bandwidth utilization on the fly, which is ideal for boosting transfer speeds for time-critical content or throttling down less important transfers to leave bandwidth for other business-critical network traffic.

Offers real-time visual monitoring of transfer progress and transfer queue.

## Supported platforms

### Server

- Windows 64-bit: Windows Server 2012, 2016, 2019
- Linux 64-bit: Ubuntu 14.04 LTS, 16.04 LTS, 17.10. RHEL 6-8. CentOS 6-7. SLES 11-12. Debian 7-9 Fedora 26-27. Kernel 2.4 or higher and Glibc 2.5+
- Mac OS X: OS X 10.11 (El Capitan), macOS 10.12 (Sierra), macOS 10.13 (High Sierra), macOS 10.14 (Mojave), macOS 10.15 (Catalina)
- AIX: 7.1, 7.2
- Linux on Z 64-bit: Linux on z Systems s390, 64-bit, Red Hat Enterprise Linux Server (RHEL) 6-7.3, SUSE Linux Enterprise Server (SLES) 11-12

### Browsers

- Microsoft Edge 18+
- Firefox 71+
- Safari 13+
- Google Chrome 78+

## About IBM Aspera

IBM Aspera offers 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, Emmy® award-winning 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.

## For more information

On IBM Aspera solutions, please visit us at <https://www.ibm.com/products/aspera> or contact [aspera-sales@ibm.com](mailto:aspera-sales@ibm.com)



---

© Copyright IBM Corporation 2020

IBM Corporation  
Software Group (or appropriate division, or no division)  
Route 100  
Somers, NY 10589

Produced in the United States of America  
October 2020

IBM, the IBM logo and [ibm.com](http://ibm.com) are trademarks of International Business Machines Corp., registered in many jurisdictions worldwide. Other product and service names might be trademarks of IBM or other companies.

A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at [www.ibm.com/legal/copytrade.shtml](http://www.ibm.com/legal/copytrade.shtml).

This document is current as of the initial date of publication and may be changed by IBM at any time. Not all offerings are available in every country in which IBM operates.

THE INFORMATION IN THIS DOCUMENT IS PROVIDED "AS IS" WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING WITHOUT ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OR CONDITION OF NON-INFRINGEMENT. IBM products are warranted according to the terms and conditions of the agreements under which they are provided.



Please Recycle

---