

# IBM Aspera client software

## *Functionality comparison*

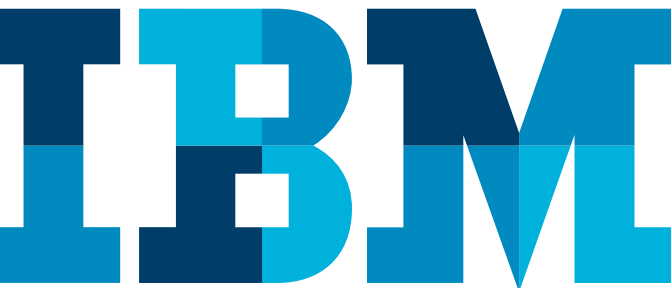
---

### Key benefits & capabilities

- High-speed, FASP transport with real-time transfer monitoring and bandwidth control
  - Built-in security with user authentication, encryption in transit and at rest, and data integrity verification
  - Pause, cancel and resume functionality with automatic retry on failure
  - Advanced features include automation with hot folders, scripting, custom post-processing as well as integrated scheduling, queuing, and reordering control
- 

IBM® Aspera® client applications and SDKs enable high-speed FASP® - powered file transfers of any size, across global distances from anywhere in the world, and with any Aspera transfer server running on-premises or on a cloud platform. Available on Windows, Mac, and Linux, and as a plug-in for web browsers and an add-in for Microsoft Outlook, Aspera client applications provide an intuitive user interface, transfer monitoring and rate control, built-in security, and highly reliable transfers.

The table on pages two and three provides a functionality comparison of IBM Aspera's client software across several areas including the transfer paradigm, management paradigm, automation, monitoring and reporting, licensing and deployment, platform and browser support.



## Functionality comparison

	Aspera Desktop Client	Aspera Connect	Aspera Drive	Aspera Cargo	Aspera Add-in for Microsoft Outlook	Command-Line Interface	Embedded Client (SDK)
Based on FASP® technology: maximum transfer speed, bandwidth control, security, and scalability	✓	✓	✓	✓	✓	✓	✓
Client type	Desktop GUI, CLI	Web API	Desktop GUI	Desktop GUI	Integrated with Outlook Client	CLI	Embeddable
Browser-based	✗	✓	✗	✗	✗	✗	✗
<b>TRANSFER PARADIGM</b>							
Supports connections with	High-Speed Transfer Server, High-Speed Transfer Endpoint, Shares, Aspera for Microsoft SharePoint	High-Speed Transfer Server, Faspex, Shares, Aspera on Cloud, Aspera for Microsoft SharePoint	High-Speed Transfer, Server, Shares, Faspex, Aspera on Cloud, Aspera for SharePoint	Faspex	Faspex	High-Speed Transfer Server, Faspex, Shares	High-Speed Transfer Server, High-Speed Transfer Endpoint
Client-server with remote file browsing	✓	✗	✓	✗	✗	✓	✓ (if built using APIs)
Person-to-person delivery via email addressing	✗	✗	✓	✓	✓	✓	✓
Supports transfers to, from and between IBM Cloud Object Storage, Google Cloud Storage, OpenStack Swift, Amazon S3 and Microsoft Azure Blob	✓	✓	✓	✓	✓	✓	✓
FASP transfer sessions across secure DMZs	With FASP Proxy	With FASP Proxy	With FASP Proxy	With FASP Proxy	With FASP Proxy	With FASP Proxy	✗
<b>MANAGEMENT &amp; REPORTING</b>							
Basic transfer bandwidth and progress reporting	✓	✓	✓	✓	✓	✗	✓
Real-time client-side control of transfer speed & priority	✓	✓	✓	✓	✓	✓	✓ (if built using APIs)
Real-time transfer activity monitoring	✓	✓	✓	✓	✓	✗	✓
Logging of transfer details to flat file	✓	✓	✓	✓	✓	✓	✓
Email notifications from client	✓	✗	✗	✗	✗	✗	✗
Delivery confirmation manifest	✓	✗	✗	✗	✗	✗	✗
<b>AUTOMATION</b>							
Watchfolders	✓	✗	✗	✗	✗	✗	✓
Automatic forwarding on server	✓	✓	✗	✓	✓	✗	✓
Automatic downloads	✓	✗	✓	✓	✗	✗	✓ (if built using APIs)

## Functionality comparison

	Aspera Desktop Client	Aspera Connect	Aspera Drive	Aspera Cargo	Aspera Add-in for Microsoft Outlook	Command-Line Interface	Embedded Client (SDK)
<b>AUTOMATION (cont.)</b>							
Transfer queuing control	✓	✓	✓	✓	✓	✗	✓ (if built using APIs)
Transfer scheduling control	✓	✗	✗	✗	✗	✗	✓ (if built using APIs)
Scriptable command line	✓	✗	✗	✓	✗	✓	✓
Java, C++ and .NET direct API	✓	✗	✗	✗	✗	✗	✓
Web services API	✗	✗	✗	✗	✗	✗	✓
JavaScript / dynamic browser API	✗	✓	✗	✗	✗	✗	✓
<b>LICENSING &amp; DEPLOYMENT</b>							
License required per client	✓ (single-user license)	✗	✓ (single-user license)	✓ (single-user license)	✓ (single-user license)	✓	Depends on deployment
Free client (requires server license)	✗	✓	✗	✗	✗	✓	Depends on deployment
Transfers limited by licensed Bandwidth Capacity	45 Mbps, 300 Mbps, 1 Gbps	Limited by server	Limited by server	Limited by server	Limited by server	Limited by server	Depends on deployment
<b>PLATFORM SUPPORT</b>							
Microsoft Windows	✓	✓	✓	✓	✓	✓	✓
Mac OS X	✓	✓	✓	✓	✗	✓	✓
Solaris	✓	✗	✗	✗	n/a	✗	✓
Linux (Intel)	✓	✓	✗	✓	n/a	✓	✓
AIX	✓	✗	✗	✗	n/a	✗	✓
Automated UI language selection based on OS language (English, Spanish, French, Japanese, Simplified Chinese)	✗	✓	✗	✗	✗	✗	✗
<b>BROWSER SUPPORT</b>							
Microsoft Internet Explorer	n/a	✓	n/a	n/a	n/a	n/a	✓
Mozilla Firefox	n/a	✓	n/a	n/a	n/a	n/a	✓
Apple Safari	n/a	✓	n/a	n/a	n/a	n/a	✓
Google Chrome	n/a	✓	n/a	n/a	n/a	n/a	✓

## About IBM 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. 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 2018

IBM Corporation  
Route 100  
Somers, NY 10589

Produced in the United States of America  
November 2018

IBM, the IBM logo, [ibm.com](http://ibm.com) and Aspera are trademarks or registered trademarks of International Business Machines Corporation in the United States, other countries, or both. If these and other IBM trademarked terms are marked on their first occurrence in this information with a trademark symbol (® or ™), these symbols indicate U.S. registered or common law trademarks owned by IBM at the time this information was published. Such trademarks may also be registered or common law trademarks in other countries. A current list of IBM trademarks is available on the Web at "Copyright and trademark information" at: [ibm.com/legal/copytrade](http://ibm.com/legal/copytrade)

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Microsoft, Windows, Windows NT, and the Windows logo are trademarks of Microsoft Corporation in the United States, other countries, or both.

Other product, company or service names may be trademarks or service marks of others.

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 performance data and client examples cited are presented for illustrative purposes only. Actual performance results may vary depending on the specific configurations and operating conditions. It is the user's responsibility to evaluate and verify the operation of any other products or programs with IBM product and programs. 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