

# IBM Aspera Faspex 5.0 application is enhanced with faster and more intuitive user experience workflow and features higher scalability

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## Overview

IBM<sup>(R)</sup> Aspera<sup>(R)</sup> Faspex enables security-rich, high-speed movement of data, regardless of distance or network conditions. This is a centralized transfer solution that enables users to quickly share files with each other by using a workflow that is similar to email. This makes it ideal for projects that involve multiple teams exchanging big data files across continents and around the world.

User-uploaded files and folders are sent to, stored on, and downloaded from IBM Aspera transfer servers. IBM Aspera Faspex uses IBM Aspera Connect, a web browser extension and desktop client, to facilitate high-speed uploads and downloads with an IBM Aspera transfer server, enabling file transfers, synchronization, and streaming of digital assets.

### New in IBM Aspera Faspex 5.0

IBM Aspera Faspex 5.0 is an improved web application that is part of IBM Aspera Enterprise suite of file and data transfer solutions. The overall usability of the product is enhanced with a faster and more intuitive user experience workflow and features improved scalability.

- Improved user experience with more flexibility:
  - Features simplified navigation, highly responsive and intuitive to use with Carbon X design.
  - Includes light and dark mode
  - Works natively on mobile browsers
  - Is designed to provide users with a harmonized experience with IBM Aspera on Cloud, giving the Aspera Enterprise family of offerings a consistent user experience
- Configured with HTTP Gateway and Integrated Connect:
  - Provides the expanded capability to run multiple simultaneous file transfers and transfer files in the background
- Built on React, with RESTful API following OpenAPI Specification (OAS):
  - Designed to be a lightweight and easy-to-deploy and maintain application
  - Can lower the cost of integrations and caters to client-specific adaptations
  - Can be used as a UI-based application or headless API engine
- Enhanced integration options, with all major features in UI available through APIs:

- Addresses key client requests and enables easier app integration
- Designed as a fully containerized architecture:
  - Can be deployed on premises, on cloud, or as a standard application on Linux<sup>(R)</sup>

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## Key requirements

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For details, see the [Aspera downloads and documentation](#) website.

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## Planned availability date

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June 17, 2022

Availability within a country is subject to local legal requirements.

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## Section 508 of the US Rehabilitation Act

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The product or offering is capable as of the planned availability date, when used in accordance with associated IBM documentation, of satisfying the applicable standards, including the Worldwide Consortium Web Content Accessibility Guidelines, European Standard EN 301 349, and US Section 508, provided that any assistive technology used with the product properly interoperates with it. An Accessibility Conformance Statement can be requested on the [IBM Accessibility Conformance Report](#) website.

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## Reference information

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For more information about IBM Aspera Faspex, see Software Announcement [219-229](#), dated August 27, 2019.

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## Program number

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Program number	VRM	Program name
5737-I67	5.0	IBM Aspera Faspex

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## Publications

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No publications are shipped with these products.

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## Services

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### IBM Systems Lab Services

Systems Lab Services offers infrastructure services to help build hybrid cloud and enterprise IT solutions. From servers to storage systems and software, Systems Lab Services can help deploy the building blocks of a next-generation IT infrastructure to empower a client's business. Systems Lab Services consultants can perform infrastructure services for clients online or onsite, offering deep technical expertise, valuable tools, and successful methodologies. Systems Lab Services is designed to help clients solve business challenges, gain new skills, and apply best practices.

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For assistance, contact Systems Lab Services at [ibmsls@us.ibm.com](mailto:ibmsls@us.ibm.com).

To learn more, see the [IBM Systems Lab Services](#) website.

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For more information, contact Security Expert Labs at sel@us.ibm.com.

For additional information, see the [IBM Security Expert Labs](#) website.

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## Technical information

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### Specified operating environment

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#### Software requirements

IBM Aspera Faspex 5.0 application requires:

- Red Hat<sup>(R)</sup> Enterprise Linux (RHEL) 7, 8, or later
- CentOS 7
- Docker
- MariaDB version 10.7.3, or later
- IBM Aspera High-Speed Transfer Server 4.3.1, or later, with Connect Server license
- IBM Aspera Connect 4.1.3, or later (unless defaulting to HTTP Gateway)

#### Configuration information

If upgrading to version 5.0 from a previous IBM Aspera Faspex release, the following adjustments to IBM Aspera Faspex configurations are required:

- Version 5.0 does not support Windows<sup>TM</sup> as an operating system. To upgrade to IBM Aspera Faspex 5.0, the Faspex 4.X instance must be migrated to a Linux server *and tested* before performing the upgrade.
- Version 5.0 uses Nginx as its server.
- Version 5.0 does not validate a license file.
- Version 5.0 does not currently support alternate addresses.
- Version 5.0 requires the database to run MariaDB 10.7.3, or later.
- To log in to new IBM Aspera Faspex 5.0 accounts, the user account email address must be used. If upgrading from IBM Aspera Faspex 4.X, users can still log in to existing user accounts with their IBM Aspera Faspex 4.X usernames.
- New IBM Aspera Faspex 5.0 users must change their password on first login. This requirement can no longer be disabled in server settings.
- Administrators can no longer set another user's password. A user can still change their own password.
- Administrators can no longer reset another user's password. A user can still reset their own password.
- Administrators can no longer choose to display users that are using their usernames. IBM Aspera Faspex always displays a user's first name and last name.
- "Editing the template user" action is now renamed "Configuring self-registered user defaults".
- For security reasons, IBM Aspera Faspex does not support the use of direct connections to directory services for user authentication and management. Users must instead front their directory service with a SAML Identity Provider (IdP) and use SAML-based authentication for their users.
- The SAML metadata and callback URL routes are different from previous versions.

- Instead of using the (external) flag to allow an IBM Aspera Faspex user to download a package without logging in, users can enable "Recipients with an account can download without logging in" when sending a package. This feature requires an administrator to turn on "Senders can allow IBM Aspera users to download their packages without logging in".
- The send package page no longer prepends an asterisk to workgroup and shared inbox names.
- The send form page no longer presents the option to choose whether to send with Connect or HTTP Gateway.
- IBM Aspera Faspex 5.0 does not support previewing a metadata profile.
- IBM Aspera Faspex 5.0 uses the HSTS 4.3+ activity logging feature to retrieve transfer information.
- IBM Aspera Faspex 5.0 does not support HTTP fallback.
- IBM Aspera Faspex 5.0 no longer supports the use of rake tasks.
- IBM Aspera Faspex 5.0 no longer uses the faspex.yml configuration file.
- Post-processing is removed in IBM Aspera Faspex 5.0.
- Out-of-transfer-validation is not currently available in IBM Aspera Faspex 5.0.
- The IBM Aspera Faspex 5.0 API is not compatible with earlier versions of the IBM Aspera Faspex API.

### **IBM Support**

[IBM Support](#) is your gateway to technical support tools and resources that are designed to help you save time and simplify support. IBM Support can help you find answers to questions, download fixes, troubleshoot, submit and track problem cases, and build skills. Learn and stay informed about the transformation of IBM Support, including new tools, new processes, and new capabilities, by going to the [IBM Support Insider](#).

### **Additional IBM support**

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Client Engineering for Systems is a framework for accelerating digital transformation. It helps you generate innovative ideas and equips you with the practices, technologies, and expertise to turn those ideas into business value in weeks. When you work with Client Engineering for Systems, you bring pain points into focus. You empower your team to take manageable risks, adopt leading technologies, speed up solution development, and measure the value of everything you do. Client Engineering for Systems has experts and services to address a broad array of use cases, including capabilities for business transformation, hybrid cloud, analytics and AI, infrastructure systems, security, and more. Contact Client Engineering for Systems at [sysgarage@ibm.com](mailto:sysgarage@ibm.com).

### **Planning information**

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#### **Packaging**

This offering is accessed through the internet. There is no physical media or electronic deliverable.

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### **Ordering information**

For ordering information, consult your IBM representative or IBM Business Partner, or go to the [Passport Advantage<sup>®</sup>](#) website.

These programs are available only through Passport Advantage.

The ordering information is not changed by this announcement. As a convenience, the following table lists all previously announced part numbers.

## IBM Aspera Faspex (5737-I67)

Part description	Part number
IBM Aspera Endpoint 1 Gbps Install SW Subscription & Support Reinstate 12 Months	D04FKZX
IBM Aspera Endpoint 10 Gbps Install SW Subscription & Support Reinstate 12 Months	D04FRZX
IBM Aspera Endpoint 100 Mbps Install SW Subscription & Support Reinstate 12 Months	D04FXZX
IBM Aspera Endpoint 2.5 Gbps Install SW Subscription & Support Reinstate 12 Months	D04G3ZX
IBM Aspera Endpoint 300 Mbps Install SW Subscription & Support Reinstate 12 Months	D04GFZX
IBM Aspera Endpoint 45 Mbps Install SW Subscription & Support Reinstate 12 Months	D04GLZX
IBM Aspera Endpoint 5 Gbps Install SW Subscription & Support Reinstate 12 Months	D04GSZX
IBM Aspera Endpoint 500 Mbps Install SW Subscription & Support Reinstate 12 Months	D04GYZX
IBM Aspera Enterprise 1 Gbps Install SW Subscription & Support Reinstate 12 Months	D04F2ZX
IBM Aspera Enterprise 10 Gbps Install SW Subscription & Support Reinstate 12 Months	D04F8ZX
IBM Aspera Enterprise 100 Mbps Install SW Subscription & Support Reinstate 12 Months	D04DUZX
IBM Aspera Enterprise 2.5 Gbps Install SW Subscription & Support Reinstate 12 Months	D04E0ZX
IBM Aspera Enterprise 20 Gbps Install SW Subscription & Support Reinstate 12 Months	D04E6ZX
IBM Aspera Enterprise 300 Mbps Install SW Subscription & Support Reinstate 12 Months	D04ECZX
IBM Aspera Enterprise 45 Mbps Install SW Subscription & Support Reinstate 12 Months	D04EHZX
IBM Aspera Enterprise 5 Gbps Install SW Subscription & Support Reinstate 12 Months	D04ENZX
IBM Aspera Enterprise 500 Mbps Install SW Subscription & Support Reinstate 12 Months	D04FEZX

### Charge metric

Charge metric information can be found in the corresponding License Information document.

Program number	License Information document title	License Information document number
5737-I67	IBM Aspera Faspex Application 5.0	<a href="#">L-LAVA-CBMUTP</a>

Select your language of choice and scroll down to the Charge Metrics section. Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

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### License Information number

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Program number	License Information document title	License Information document number
5737-I67	IBM Aspera Faspex Application 5.0	<a href="#">L-LAVA-CBMUTP</a>

Follow-on releases, if any, may have updated terms. See the [License Information documents](#) website for more information.

### Limited warranty applies

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Yes

### Limited warranty

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IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

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For additional information about the IBM Software Support Lifecycle Policies, see the [Standard and enhanced IBM software support lifecycle policies](#) website.

## **Money-back guarantee**

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If for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

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## **Volume orders (IVO)**

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No

## **Passport Advantage applies**

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Yes, information is available on the [Passport Advantage and Passport Advantage Express](#) website.

## **Usage restrictions**

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Yes

For usage restrictions, see the License Information documents listed in this [Terms and conditions](#) section.

## **Software Subscription and Support applies**

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For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, go to the [Passport Advantage and Passport Advantage Express](#) website.

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**Variable charges apply**

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No

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**Educational allowance available**

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Not applicable.

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**Statement of good security practices**

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IT system security involves protecting systems and information through intrusion prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered, destroyed, or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a regulatory compliant, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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**Prices**

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**Note:** Shipments will begin after the planned availability date.

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## **Regional availability**

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