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

Overview

IBM(R) Aspera(R) 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[R]

Key requirements

For details, see the Aspera downloads and documentation website.

Planned availability date

June 17, 2022

Availability within a country is subject to local legal requirements.

Reference information

For more information about IBM Aspera Faspex, see Software Announcement JP19-0271, dated August 27, 2019.

Program number

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

Publications

No publications are shipped with these products.

Services

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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.

Technical information

Specified operating environment

Software requirements

IBM Aspera Faspex 5.0 application requires:

- Red Hat[(R)] 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[TM] 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.

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Planning information

Packaging

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

Ordering information

For ordering information, consult your IBM representative or IBM Business Partner, or go to the Passport Advantage(R) 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
BM 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

Part description	Part number
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	L-LAVA-CBMUTP

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License Information number

Program number	License Information document title	License Information document number
5737-I67	IBM Aspera Faspex Application 5.0	L-LAVA-CBMUTP

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Limited warranty

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Volume orders (IVO)

No

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Variable charges apply

No

Educational allowance available

Not applicable.

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