

# Release Notes: IBM Aspera Faspex 5.0.7

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Product Released: January 25, 2024  
Release Notes Updated: January 25, 2024

This release of IBM Aspera Faspex 5.0.7 provides new features, security and bug fixes. In particular, the Breaking Changes section provides important information about modifications to the product that may require you to adjust your workflow, configuration, or usage. Additional sections cover system requirements and known issues and limitations.



**Attention:** File processing requires HSTS 4.4.3 patch level 3 or later, download and apply the patch before enabling this feature.

## 5.0.7

### New features

When file processing is enabled Faspex puts packages into a transient state (the UI shows files as uploaded for file processing) and waits for a third-party application (including IBM Aspera oftv-validator, IBM Aspera Orchestrator, or any other application that can integrate with Faspex 5 API) to successfully process all the files. (Aspera/faspex5#23)

Faspex 5 now supports Federal Information Processing Standards (FIPS). (Aspera/faspex5#102)

You can configure email notifications to receive alerts about file processing through the Faspex 5 API. (Aspera/faspex-core#3704)

Number fields in post processing now have a button to increase or decrease operators and unit selection for each scenario. (Aspera/faspex-ui#2022)

You can now track the creation, updating, or deletion of package events in the activity tab. (Aspera/faspex-core#3796)

Faspex 5 now supports Red Hat 9. (Aspera/faspex-installer#348)

### Issues fixed in this release

Aspera/faspex-core#4256 - Packages with symbolic link files get stuck in `transient_file_processing_needed` state when file processing is enabled.

Aspera/faspex-core#4055 - Service container wont start or show on FIPS enabled systems.

Aspera/faspex-core#3921- Admins are unable to delete a package that is in state `"transient_file_processing"`.

Aspera/faspex-ui#1257 - Email templates security improvements.

### Other changes

Aspera/faspex-ui#1982 - Users tab now shows the SAML configuration name.

Aspera/faspex-ui#2371 - When a package is in failed state the UI stops polling if the package is older than one hour.

Aspera/faspex-ui#2415 - Label update in account settings.

### OTFV Validator



**Warning:** You should perform a new install of OTFV 1.0.4. Upgrading from a previous OTFV version is not supported. For more information see the [OTFV-Validator](#) section.

Aspera/otfv-validator#30 - Support for ClamAV with OTFV.

OTFV 1.0.4 Supported platforms: CentOS 7.9, Amazon Linux 2023, Amazon Linux 2, RHEL 8 and 9.

### Documentation updates

New OTFV validator documentation section is available under Admin > [OTFV Validator](#).

All new [File processing](#) section includes details regarding this new feature and its configurations.

[FIPS](#) documentation section added.

## Known issues and limitations

Aspera/faspex-service#369 - Deleting files on Amazon S3 storage fails when using an HSTS cluster with a shared High availability Redis instance.

Aspera/faspex-service#360 - 25 and more concurrent transfers causes faspex-service to fail. If you encounter this issue, increase the limit of max\_prepared\_stmt\_count in the database.

Setting the max\_items option value too high (100k for example) may result in an out of memory error. You must apply the HSTS/E 4.4.3 patch level 3 before enabling files processing. The max\_items option changes the number of files that are retrieved in each Node API request. This number should only be updated based on recommendation from IBM Aspera Engineering or Support.

Aspera/otfv-validator#29 - Shared Inboxes and Work Groups are not currently supported in lua scripts package details.

Aspera/faspex-core#3883 - When updating an existing Webhook the package\_name\_exact parameter can be set to true even when the parent element is blank. Users should see the following error instead: Value required for <parameter> parameter when <parameter\_exact> is set to true.

Aspera/faspex-core#3046 - The job /monitor endpoint shows packages that fail to upload as backlogged when it should show them as failed instead.

Aspera/faspex-core#2978 - Relays to file storage with cloud referencing enabled should create a link file on the cloud storage, but instead the actual file is transferred.

Aspera/faspex-core#2893 - Date files in metadata profile should not accept letters and specials characters.

Aspera/faspex-core#1765 - Deleting a user does not remove that user from distribution lists. If a user sends a package to a distribution list containing a deleted user, Faspex sends the package to the user's email address as a new external user. If the sender is not allowed to send to external users, sending the package fails.

Aspera/faspex-ui#1996 - Invitations created with **Prevent HTTP upload** enabled do not prevent users from uploading using HTTP Gateway.

Aspera/faspex-ui#1682 - The Admin Sender Quota page does not allow setting no-quota by default for admin-defined quotas per user.

Aspera/faspex-docs#249 - Expanding the logical volume manager (LVM) on HSTS docroot affects the ability of Faspex to send packages. **Workaround:** Delete the node and add it again.

## System Requirements

### Server requirements

CPU	RAM	Architecture
16 Cores	32 GB	x86_64

### Operating system requirements

You should always update your operating system to the latest available version.

Supported OS	Runtime Supported	Notes
CentOS 7	Docker-CE	CentOS 7 will reach End Of Life (EOL) on June 30, 2024. Migrate to another OS like Rocky before that date.
RHEL 8 and 9	Podman	
Rocky 8	Podman	
Amazon Linux 2 and 2023	Docker-CE	

### Database requirements

Faspex 5 requires one of these databases:



**Attention:** Faspex 5.0.6 does not support MySQL 5.7.

- MariaDB 10.9
- RDS MariaDB 10.6
- MySQL 8.0
- RDS MySQL 8.0 – Do not use version 8.0.33. There is a known issue creating database backups related to that specific version.

If you are running an older or different database, you must migrate your database before upgrading.

### Node requirements

IBM Aspera High-Speed Transfer Server: 4.3.1 and later with Connect Server license

### Client requirements

IBM Aspera Connect 4.1.3 and later (unless defaulting to HTTP Gateway)

### Browser requirements

- Microsoft Edge latest
- Firefox latest
- Safari latest
- Google Chrome latest

(Faspex users can successfully access Faspex from any of these browsers on any OS, as long as the browser and OS are also supported by Connect and HTTP Gateway)

### Product support

For online support, go to the IBM Aspera Support site at <https://www.ibm.com/mysupport/>. To open a support case, log in with your IBMid or set up a new IBMid account.