

Release Notes: IBM Aspera Connect 4.2.12

Product Released: July 8, 2024
Release Notes Updated: July 8, 2024

The release notes of IBM Aspera Connect 4.2.12 contain system requirements and known problems. A list of fixed issues and new features from previous releases is also included.

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New features

4.2.3

Summary	Ticket
New transfers are now placed at the top of the list in the Activity window and older transfers are removed after the max limit (100) is reached.	Aspera/connect-app#412
Apple Silicon native builds of Connect are now available in Fix Central.	Aspera/connect-app#1473

4.2.0

Summary	Ticket
Connect 4.2.0 now supports Faspex 5.0.	Aspera/connect-app#1409
Alphabetically sort workspaces in the Inbox settings section.	Aspera/connect-app#1375
[Windows] Registering the Aspera Drive shell extension can now be disabled during the Connect installation.	Aspera/connect-app#1139
[macOS] The Connect package installer (.pkg) now supports both system-wide and per-user installations.	Aspera/connect-app#901

4.1.1

Summary	Ticket
[Windows] The Aspera Drive folder only appears in the Explorer navigation pane when you add accounts in Connect.	Aspera/connect-app#685

4.1.0

Summary	Ticket
When connecting to Faspex 5 BETA, Connect uses your default browser for OAuth 2 authorization to Faspex 5 BETA resources.	Aspera/connect-app#713
Connect supports the Faspex 5 BETA. Send and download packages and browse nodes using Connect.	Aspera/connect-app#168

Breaking changes

4.2.0

Summary	Ticket
Connect 4.2.0 no longer includes the DSA private key. On the ascp command line, you will not see <code>-i/path/to/asperaweb_id_dsa.openssh</code> .	Aspera/connect-app#1392

Documentation updates

4.1.0

Summary	Ticket
Upgraded the importance of a note that warns customers not to enable debug or trace logging unless needed due to impact on performance.	Aspera/connect-app.docs#20

Issues fixed in this release

4.2.11

Summary	Ticket
Connect does not resume transfers that were interrupted.	Aspera/connect-app#2252

4.2.9

Summary	Ticket
[macOS] Connect crashes when trying to browse remote file systems.	Aspera/connect-app#1991

4.2.8

Summary	Ticket
When Connect auto downloads a package from Faspex 5, the Faspex 5 UI package summary shows 0 downloads.	Aspera/connect-app#1905

4.2.7

Summary	Ticket
When calling the function /read-chunk-as-array-buffer, and the offset is bigger than 4 GB it results in an overflow that causes the chunk to be incorrect.	Aspera/connect-app#1950
[macOS] Connect application window opens up and takes away focus from the application when the transfer is initiated via Connect. If you minimize the Connect Window, it opens up again repeating the same behavior.	Aspera/connect-app#1919
[macOS] Connect does not respond or crashes when multiple (100+) transfers remain in the activity window.	Aspera/connect-app#1911

4.2.6

Summary	Ticket
Stale token warning is being displayed repeatedly under Preferences > Accounts tab .	Aspera/connect-app#1896
[macOS] Files not being filtered correctly in the Select File dialog when allowedFileTypes is set.	Aspera/connect-app#1892
When users enabled "Always ask me where to save downloaded files", Connect creates an empty directory.	Aspera/connect-app#1890
Package downloads display the SSH username instead of the Faspex account username due to a missing cookie field from the transfer spec.	Aspera/connect-app#1868
Connect pull sync: remote file deletion does not trigger local file deletion. Asynchronous database resets after every poll.	Aspera/connect-app#1804

4.2.5

Summary	Ticket
[Windows] Issues while adding a Faspex 5 account to Connect have been resolved.	Aspera/connect-app#1799
IBM Aspera Connect 4.2.5 fixes a buffer overflow issue.	Aspera/connect-app#1795
The Faspex 5 automatic package downloads feature now uses the SSH port specified by the server.	Aspera/connect-app#1768

4.2.4

Summary	Ticket
[macOS] The preferences window now properly saves when changing multiple settings.	Aspera/connect-app#1760
The "Allow access to computer" prompt window is now displaying properly and no longer missing the "Yes" and "No" buttons.	Aspera/connect-app#1147

4.2.3

Summary	Ticket
Downloading an already existing file no longer causes Connect to become unresponsive when specific download settings are selected.	Aspera/connect-app#1651
Gatekeeper sometimes blocks the installation of Connect/Cargo on macOS.	Aspera/connect-app#1637
Connect no longer crashes when AW4 . Connect# #getChecksum is called from the SDK.	Aspera/connect-app#1573

4.2.2

Summary	Ticket
ascp crashes when --file-checksum is enabled.	Aspera/connect-app#1555

4.2.1

Summary	Ticket
Connect only checks up to 50 workspaces for package downloads.	Aspera/connect-app#1478
Connect v4.2.0 crashes on macOS 10.13 - 10.15.	Aspera/connect-app#1521

4.1.3

Summary	Ticket
Connect app is missing app group entitlement.	Aspera/connect-app#1298

4.1.2

Summary	Ticket
Content Security Policy blocks inline scripts and inline event handlers.	Aspera/connect-sdk#92
Browsing Aspera on Cloud workspaces only displays the first 25 workspaces.	Aspera/connect-app#723
[mas OS] The Connect icon is not properly displayed in the macOS menu bar.	Aspera/connect-app#1178
FASP URL transfers are using the <code>dgram_sz</code> option, resulting in intermittent packet size errors.	Aspera/connect-app#1244

4.1.1

Summary	Ticket
When setting up automatic package downloads with Aspera on Cloud, users only see the first 50 workspaces instead of all available workspaces.	Aspera/connect-app#1155
Connect does not provide a completion event after successful transfer when configured to "remove transfer list items upon successful transfer".	Aspera/connect-app#1079
On smaller monitors, the Connect Preferences window is too large, preventing users from saving preferences.	Aspera/connect-app#1070

Summary	Ticket
You cannot permanently dismiss the "Node not syncable" message after exhausting retries.	Aspera/connect-app#1049
Users cannot add a Shares account using Okta 2FA.	Aspera/connect-app#1032
Users cannot add a Faspex account to Connect using Okta 2FA.	Aspera/connect-app#1027
Connect does not use the --check-sshfp ascp parameter.	Aspera/connect-app#960
Reduced the scope of permissions on Connect web extensions to address a security concern.	Aspera/connect-app#896
There is an assortment of translation and localization errors.	Aspera/connect-app#881
[macOS] The Preferences option is missing from the Apple Menu.	Aspera/connect-app#756
[Windows] Connect is slow to start when Connect is configured to run many concurrent instances of Connect.	Aspera/connect-sdk#71

4.1.0

Summary	Ticket
[Windows] Download silently continues even after user presses stop button during "Connecting" phase.	Aspera/connect-app#771
[Linux] Unable to launch IBM Aspera Connect on some Linux machines with the error "Could not load the Qt platform plugin 'xcb'".	Aspera/connect-app#669
[macOS] Visual glitch appears on Accounts page when starting transfers with a new server.	Aspera/connect-app#660
Drive (now Connect) intermittently crashes during AoC sync.	Aspera/connect-app#605
Removed the word "dummy" in codebase to align with inclusivity guidelines.	Aspera/connect-sdk#69

Other changes

4.2.10

Summary	Ticket
Updated support for macOS 12.7 and later.	Aspera/connect-app#2238

4.2.9

Summary	Ticket
Connect now uses OpenSSL V3.	Aspera/connect-app#1557

4.2.4

Summary	Ticket
Chrome extension updated to manifest V3.	Aspera/connect-app#1641

4.2.3

Summary	Ticket
UI keyboard shortcuts for Aspera Crypt and opening the About window have been updated.	Aspera/connect-app#1634

4.2.0

Summary	Ticket
We no longer provide one-click installer for Connect in Windows or macOS.	Aspera/connect-app#1264

System requirements

Note on browsers: The version numbers shown are for those browsers on which Connect was verified at the time of release; however, Connect is likely to work on later versions.

OS	Versions	Browsers
Windows	Windows 11 Windows 10 Windows Server 2019	Chrome 108 Firefox 108 Firefox ESR 102.6.0 Microsoft Edge 108.0
Linux	RHEL 8 CentOS 8 Debian 11 SLES 15 Fedora 35, 36, 37 OpenSUSE 15 Ubuntu 20.04 LTS	Chrome 108 Firefox 108 Firefox ESR 102.6.0
macOS	macOS 12.7 and later If customers are using macOS 11.0 or earlier, please upgrade to the latest supported macOS version or use Connect 3.11.	Chrome 108 Firefox 108 Firefox ESR 102.6.0 Safari 16.1

Server Requirements

One of the following:

- IBM Aspera Shares - a currently supported version
- IBM Aspera Faspex - a currently supported version
- IBM Aspera High-Speed Transfer Server (HSTS) - 3.9.6 or higher recommended

To use Connect's Aspera Drive synchronization features, the server must have a Sync-enabled license.

The minimum version of Connect that works with the Connect SDK is 3.9.0.

Known issues

4.2.0

Summary	Ticket
[Windows] In some cases, you might not be able to access the Aspera Drive shell extension after upgrading to Connect 4.2.0. Workaround: Manually restart Explorer or reboot the machine.	Aspera/connect-app#1325

4.1.3

No known issues discovered in 4.1.3

4.1.2

No known issues discovered in 4.1.2

4.1.1

No known issues discovered in 4.1.1.

4.1.0

Summary	Ticket
[macOS] The current one-click installer does not support a system-wide install on macOS. Workaround: To do a system-wide install on macOS with the current one-click installer: <ol style="list-style-type: none"> 1. Log in as an Administrator of the machine. 2. Open the binary distribution file (.dmg file) to mount the installer 3. Run: <pre>sudo /Volumes/ibm-aspera-connect_4.1xx_macOS_x86_64/IBM\ Aspera\ Connect\ Installer.app/Contents/Resources/install true</pre> 	Aspera/connect-app#901
Windows Explorer crashes in some situations trying to view package files in Faspex 5 BETA. Note: This issue will be resolved in future updates to Faspex 5 BETA.	Aspera/connect-app#811

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.