Release Notes: IBM Aspera Connect 3.11.0

Product Release: December 9, 2020
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Release 3.11.0 of IBM Aspera Connect provides the new features, fixes, and other changes listed below. These release notes also list system requirements, supported platforms, and known issues.

NEW FEATURES

- Connect now includes version 4.0 of **ascp**, improving support for the growing-files feature.
- [SDK] Drop events can now be propagated using `options.allowPropagation` in the `#setDragDropTargets` interface. (ASCN-2337)
- [SDK] ipv6 is now recognized and a new option lets developers specify that the transfer should use ipv6. (ASCN-2138)

BREAKING CHANGES

- **Deprecation Notice**: The next release of the Connect SDK will no longer include v2 code (`asperaweb-2.min.js` and `connectinstaller-2.min.js`, for example).
- Connect 3.11 includes Ascp 4.0, which prefers host keys that are ECDSA instead of RSA. If you are connecting with a pre-4.0 version of HSTS and the fingerprint configured in aspera.conf is RSA, Connect's **ascp** will complain about a mismatched fingerprint, and the transfer will fail. For details about this issue, see "Securing Your SSH Server" section in the HSTS 4.0 admin guide for your platform.

FIXED ISSUES

- ASCN-2396 [Mac] Connect installer cannot proceed due to spaces in usernames.
- ASCN-2394 When "Always ask me where to save downloaded files" is checked in Connect > Preferences > Transfers, the "ask" dialog displays no mounted volumes other than the boot drive.
- ASCN-2359 [Win] Connect 3.10 fails when the DNATS proxy is configured without authentication.
- ASCN-2349 Transfer monitor graph is not accurate for long transfers. *
- ASCN-2340 [Mac] After upgrading to 3.10, a popup says, "A previous installation of Cargo Downloader has been detected. Would you like to migrate your settings and uninstall Cargo Downloader?" *
- ASCN-271 - When encrypted-at-rest files are downloaded, the decryption dialog does not ask for passphrase confirmation. As a result, if the passphrase is invalid, the files are transferred in their encrypted state. (CIM-635)
- ASCN-85 Accessibility - In the "Confirm - Aspera Connect" dialog, JAWS is not responding to these controls : (1) Use my choice for all connections with this host, (2) Allow button, (3) Deny button.

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 8.1, 10 Windows Server 2016, 2019	Chrome 80-84 Firefox 72-79 Firefox ESR 68, 78 Internet Explorer 11

OS	Versions	Browsers
		Microsoft Edge (Chromium) 84 Microsoft Edge (Legacy) 43-44 *
Linux	RHEL 7, 8 CentOS 7, 8 Debian 9, 10 SLES 11, 12 Fedora 31, 32 OpenSUSE 15 Ubuntu 16.04 LTS, 18.04 LTS, 20.04 LTS	Chrome 80-84 Firefox 72-79 Firefox ESR 68, 78
macOS	macOS 10.13 - 10.15 macOS 11.0	Chrome 80-84 Firefox 72-79 Firefox ESR 68, 78 Safari 12-13 Microsoft Edge (Chromium) 84

* Aspera plans to discontinue support for Microsoft Edge (Legacy) in a future release.

KNOWN ISSUES

- ASCN-2348 – [Mac] Cannot choose external volumes from the destination chooser dialog.
- ASCN-2332 [Mac] Selecting "Open containing folder" occasionally does not open a Finder window.
- ASCN-2301 - Chrome does not detect Aspera Connect when the username contains an ampersand (&).
- ASCN-2274 - After upgrade, IE11 does not detect Connect until the browser is restarted.
- ASCN-2272 - [macOS] System proxy settings are not effective until the Connect app is restarted.
- ASCN-2232 - [Linux Gnome] Excessive system notifications appear saying "IBM Aspera Connect is ready".
- ASCN-2203 - [macOS] Connect 3.10 has no dark-mode support.
- ASCN-2069 - With file splitting, multi-session uploads are not distributed equally and incorrect transfer stats are reported.
- ASCN-2036 - Connect does not start automatically after a system-wide installation or upgrade. Workaround: launch Connect manually to fix the issue automatically.
- ASCN-1971 - Linux browsers installed using Snap cannot launch Connect.
- ASCN-1958 - A previously running transfer will be relaunched on application startup only if it is retryable
- ASCN-1852 - [Windows] Drag and drop fails when Chrome runs in high mandatory integrity mode. Workaround: Don't run as the built-in Administrator. (CIM-2690)
- ASCN-1851 - [Windows] Connect fails to open file dialogs when the browser's security integrity level is higher than Connect's. Workaround: Don't run as the built-in Administrator.
- ASCN-1841 – Connect prompts can be hidden behind other windows when switching applications.
- ASCN-1829 - [Mac] Upgrade: progress bar stuck 'Verifying "Aspera Connect"...' Workaround: The stuck progress bar is related to Apple virus scanning and can usually be resolved by restarting the Connect application.
- ASCN-1815 – For downloads, the EAR passphrase dialog can become hidden and hard to find.
- ASCN-1698 - Connect crashes when user attempts to trust host too quickly.
- ASCN-1557 - After upgrading, drag-and-drop does not work until the browser is restarted.

- ASCN-1487 - [Mac] Safari extension-approval step appears even if the installation started in a different browser.
- ASCN-1295 - When encrypted files are downloaded, there is no "Protected Content" dialog asking for a passphrase to unlock the files being transferred or to keep the files encrypted. The files are still downloaded, so the files can be decrypted later after download.†
- ASCN-797 - Main menu bar for Crypt is not translated for all languages.
- ASCN-754 - [Windows] Internet Explorer crashes during a Connect upgrade.
- ASCN-705 – If Connect is unable to connect to the server through SSH, Connect issues a misleading "Failed to authenticate" message rather than indicating it's a connection problem. (CIM-72)
- ASCN-580 - [Windows] Accessibility: Install wizard not properly displayed in high contrast mode.
- ASCN-262 - JAWS does not say how to select hosts from the hosts list in the Security sub-tabs. This issue is found in other Security sub-tabs, as well.
- ASCN-149 - Connect does not switch "desktops" to reveal Connect when asking the user to select files or folders. Workaround: Select Connect from the dock.

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.