Release Notes: IBM Aspera Cargo 3.2.0

Product Release: February 22, 2019
Release Notes Updated: February 22, 2019

This release of IBM Aspera Cargo provides the new features, fixes and other changes listed below. Additional sections cover system requirements and known problems.

NEW FEATURES

Cargo Is Now a Service

With this release, IBM Aspera Cargo is now a service (on Windows) or daemon (on Linux and macOS), without a graphical interface. You can still use the Cargo service to automatically download Aspera packages.

Cargo's GUI features will be merged into an upcoming release of IBM Aspera Drive. If you prefer a graphical interface, you will be able to migrate to Drive while preserving your Cargo accounts and settings.

New Support for Aspera on Cloud

Cargo now supports the automatic download of packages from the Aspera on Cloud (AoC) SaaS.

Default Client ID and Client Secret

When you use Cargo with Aspera on Cloud, Cargo provides a convenient method for the JWT authentication that AoC requires, by providing default values for the client ID and client secret. (You can also specify a custom, organization-specific client ID and client secret, rather than using the default values.)

Client ID and secret are set via the **client_id** and **client_secret** values in Cargo's configuration file.

Configuration File Changes

This release includes several changes to the way that Cargo gathers settings for transfer server accounts and package download behavior:

- The syntax for the configuration file has changed. When you upgrade to this release, your existing configuration file is automatically imported into Cargo and migrated to the fit the new syntax.

  Note: This import and migration occurs only if your existing configuration file **asperacargod.conf** exists in the default location.
- The process for committing configuration settings to Cargo has also changed. To make your configuration settings take effect in Cargo (whether for a new configuration or for adjustments to an existing configuration), you must import the file to Cargo with the **-f** option.

  Note: If you are upgrading from a previous release of Cargo, you should also delete the configuration file after importing it.
- There are changes to the required fields; for details, see the *IBM Aspera Cargo User's Guide*.
- Cargo no longer requires that your configuration file be named **asperacargod.conf**.

For details on these changes, see the *IBM Aspera Cargo User's Guide*.

BREAKING CHANGES

If you are upgrading from a previous release, the following changes in this release may require you to adjust your workflow, configuration, or usage.

- The installation and upgrade processes have changed in this release. For instructions, see the *IBM Aspera Cargo User's Guide*.
- The command-line option **--clear-db** has been removed. As a workaround, you can remove the database manually. To do this, remove the files *installDir*/**var**/**asperacargo.data** and *installDir*/**var/keychain.data**.

ISSUES FIXED IN THIS RELEASE

ASDR-2089 - If a package title included Unicode characters, Cargo failed to download the package.

ASDR-2062 - If a transfer failed due to a faulty authentication token, Cargo skipped the package.

ASDR-1884 - An issue has been resolved in which, in a small number of cases, transfers failed when the transfer server had a valid SSL certificate, and the Cargo configuration file had **ignore_invalid_cert** set to **false**.

ASDR-1538 - When a large number of packages were available for download, Cargo downloaded only the last 240 of them. This issue has been fixed.

SYSTEM REQUIREMENTS

For your client system:

One of the following:

- **Linux (64-bit)**:
    - OS versions (glibc 2.9 and higher): RHEL 6.7,7.3, 7.4, CentOS 6-7, Debian 7-9, Fedora 26-27, SLES 11-12, OpenSUSE 42.3, Ubuntu 14.04 LTS, 16.04 LTS, 18.04
    - Required Libraries: OpenSSL 1.0.2g or higher, glib2 2.28 or higher
- **Mac**: macOS 10.10, 10.11, 10.12, 10.13, or 10.14.
- **Windows**: Windows 7 with Service Pack 1; Windows 8; or Windows 10.

For your transfer server:

One of the following:

- IBM Aspera Faspex 3.8.1 or higher, with HST Server 3.7.3 or higher with a Cargo- or Drive-enabled license
- HST Server 3.7.3 or higher with a Cargo- or Drive-enabled license
- IBM Aspera on Cloud

KNOWN ISSUES

ASCR-25 - [Mac OS X only] The Cargo uninstall script can erroneously be run without the **sudo** command.

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.