IBM Aspera Console 3.3.3 Release Notes

Product Release: March 21, 2019
Release Notes Updated: April 25, 2019

This release of IBM Aspera Console 3.3.3 for Windows and Linux provides the new features, fixes, and other changes listed below. Additional sections cover system requirements and known problems.

Important:

[Linux Only] Console 3.3.3 was previously released with IBM Aspera Common Components 1.2.25, which had a compatibility issue with the Aspera Node API in IBM Aspera High Speed Transfer Server. If you installed Console 3.3.3 with Common 1.2.25, you must upgrade to Common 1.2.26. To upgrade Common, run:

```
# asctl all:stop
# rpm -Uvh ibm-aspera-common-version.rpm
# asctl all:restart
```

Also note that the OpenSSL version in Ruby has been reverted to `1.0.1u` from `1.0.2r` as part of the fix.

(This compatibility issue is captured in CIM-2279.)

NEW FEATURES

Re-branding

- Re-branded Console to IBM Aspera Console.
- Aspera Common Components installer renamed to `ibm-aspera-common-version`.
- Console installer renamed to `ibm-aspera-console-version`.

Smart Transfers

- Added an advanced option to Smart Transfers to remove empty folders in the source directory (**File Handling > Source Archiving > Delete empty source subdirectories**). (CIM-1368)

System Updates

- The installer checks that the version of Bash installed on the server is not vulnerable to Shellshock and other security issues. If Bash is vulnerable, the installer warns you to update Bash. To manually check for the vulnerability, see *IBM Aspera Console Admin Guide: System and Firewall Requirements*.
- A patched Console installation displays the current patch version in the page footer. The patch version is defined by a patch-version file included in a patch. Upgrading Console removes the patch-version file.
- Updated OpenSSL version to 1.0.2q (Linux).
- Updated OpenSSL version to 1.1.1a (Windows).
- Updated Apache version to 2.4.38.
- Updated jQuery version to 3.3.1 (CIM-1303).

DOCUMENTATION UPDATES

Updated the Shares version requirement of adding Shares to Console to 1.9.3. (CIM-1210)

Re-branded documentation to reflect Console's new name: IBM Aspera Console.

Documented process for migrating Console database to a server with a different operating system.

Fixed typo in resetting admin password instructions to direct users to use the script with their admin email address instead of their admin password. (CIM-2165)

ISSUES FIXED IN THIS RELEASE

AC-734 - In some cases, the session data collector background job returns empty session results.

AC-715 - Older versions of JQuery are subject to cross-site scripting attacks.

AC-711 - Using Console to cancel a transfer for a managed cluster does not actually cancel the transfer. (CIM-1936)

SYSTEM REQUIREMENTS

Windows Server: Windows 2008 R2, 2012, 2016

Note: Console does not currently support Windows 2019, but support for Windows 2019 is planned for the next major release.

Linux: Red Hat 6-7, CentOS 6-7, SUSE 11-12 Aspera Common Components 1.2.26

Browsers: Internet Explorer 8-11, Firefox 27-65, Safari 6-11, Chrome 40-73. IE Browser Compatibility mode is now supported.

KNOWN ISSUES

Note: This release contains tickets created from different tracking systems. For this reason, the ticket IDs may reflect different numbering formats.

AC-786 - Console throws an error when adding multiple destinations to a new Smart Transfer. (CIM-2261)

AC-683 - Editing configuration settings for a node fails with "Unknown user option" errors.

AC-667 - Console can't import files from Aspera on Cloud, though session info is imported. (CIM-1520)

AC-656 - Console times out when browsing a node with 50,000+ files. (CIM-1484)

AC-653 - Console-initiated ATS transfers run twice. (CIM-1465)

AC-592 - Console Space Watcher service is unable to start when the service is not running but the pid file exists. (CIM-1060)

AC-561 - Console does not support the exclude files by time stamp (`exclude_newer_than` and `exclude_older_than`) options in transfers between Node API endpoints.

AC-549 - Console shows encrypted `async` transfers as not encrypted, due to issue found in Enterprise Server 3.7.3 and Enterprise Server 3.7.4

AC-583 - SSL error appears randomly when users browse nodes.

AC-494 - Console cannot display account information for Windows-managed nodes if the username contains a space, returning the error "undefined method 'downcase' for nil:NilClass". (CIM-589)

AC-483 - When creating a Watchfolder on a local node that has only Node API credentials, adding a new folder fails with a timeout error.

AC-468 - When running a Report with **Report on** set to **last week**, the query is run for the correct time frame but the **Report Period End** displayed in the report title is incorrect. (CIM-498)

AC-442 - The "Node API" endpoint type is not supported for clusters or unmanaged nodes.

AC-415 - [Linux] When upgrading from Console 2.3.0, the installer for versions 3.1.1 and newer fails with the error, "Mysql::Error: Data too long for column..." (CIM-383) **Workaround:** After you install the latest version of Console and Aspera Common Components, but before upgrading, update MySQL settings with the following steps:

1. Start MySQL.

```
$ /etc/init.d/aspera_mysqld start
```

2. Log into the Console database as root.

```
$ /opt/aspera/common/mysql/bin/mysql -uUSERNAME -pPASSWORD aspera_console
```

3. Edit the users table to allow long text strings.

```
# ALTER TABLE users MODIFY view_filter TEXT;
```

4. Stop MySQL.

```
$ /etc/init.d/aspera_mysqld stop
```

5. Continue with your upgrade.

```
$ asctl console:upgrade
```

AC-398 - The Console dashboard returns a 500 Internal Server Error if a transfer session becomes stuck. (CIM-335)

AC-378 - When using failover groups, custom transfer settings do not propagate to the failover node. (CIM-296)

AC-376 - The Console map does not display in the Microsoft Edge browser. Microsoft Edge is not yet supported. (CIM-266)

AC-375 - When a transfer session fails to initiate, an incomplete record might be created that displays in Console but cannot be deleted. **Workaround:** Manually delete the session from `central-store.db`. (CIM-253)

AC-180 - If a managed node is removed from Console, attempting to delete saved endpoints associated with it from **Preferences** returns a 500 Internal Server Error.

AC-117 - After restarting Watchfolder services, the details page in Console does not display previously transferred files. This is issue will be fixed in an upcoming release of Enterprise Server.

NODE-137 - The Node API reports an incorrect count of failed files.

NODE-133 - The Node API reports the incorrect completion time for a transfer.

NODE-123 - If a transfer is canceled or it errors out, and it is retried before Console has a chance to poll the node, Console fails to mark the file as errored and instead adds a new file record when resuming the transfer. Both the original and new record appear in the Session Files table on the Session Details page, but the original record remains a normal, green bar and is never updated.

#31098 - (Linux Only) Upgrading the common components from version 1.2.9 to any newer version deletes the `/usr/bin/asctl` symlink. **Workaround**: Installing Console or Orchestrator after upgrading the common components will recreate the missing link during the installation process.

#27236 - Console generates reports of the type XLSX (rather than XLS). Any reports completed before upgrading from a version of Console prior to 2.5 are no longer accessible through the web link. However, any reports that were not completed before the upgrade (such as scheduled reports) are unaffected: a report configured to generate XLS generates XLSX when it next runs. **Workaround**: Click **Rerun** on a completed report.

#22396 - If upgrading from a version of Console prior to 2.0.1, email notifications are configured for specific transfer paths on a user's **Preferences > Email Notifications** page, these settings are not honored when the user clicks the **Rerun** link on the **Activity** page on a transfer that started before the upgraded.

#22303 - If upgrading from a version of Console prior to 2.0.1, scheduled smart transfers that were created before upgrading continue to use the old behavior, displaying dates/times using the timezone of the transfer requester, rather than trying to look up the recipient's time zone.

PRODUCT SUPPORT

For on-line support resources for Aspera products, including raising new support tickets, please visit the Aspera Support Portal. You may have an existing account if you contacted the Aspera support team in the past. Before creating a new account, first try setting a password for the email that you use to interact with us. You may also call one of our regional support centers.