Release Notes: IBM Aspera Console 3.4.5

Product Released: September 19, 2024
Release Notes Updated: September 19, 2024

This release of IBM Aspera Console 3.4.5 provides new features, fixes, and other changes listed below.

New features

New alert notifications for the following scenarios:

- Alert when the status of a WatchFolder is impaired. (Aspera/console#493)
- Alert when an Aspera node goes down: A node is considered down if services are not running or the license is expired. (Aspera/console#492)

Fixed issues

Aspera/console#664 - When creating a Watchfolder on a local node that has only Node API credentials, adding a new folder fails with a timeout error.

Aspera/console#592 - The transfer logs copy to clipboard feature is not working.

Aspera/console#591 - The Automatically start on a recurring schedule option is not working as intended.

Aspera/console#479 - Console truncates HTTP requests larger than 48860 characters.

Aspera/console#600 - Editing the HTML email notification template in Console breaks the template.

Documentation updates

New set of instructions for migrating Console to MySQL 8.x.

Included a new section for alert notification configuration.

System requirements

⚠️ **Warning:** Due to incompatible common components, do not install Console and IBM Aspera Faspex on the same machine. IBM Aspera does not support this combination.

IBM Aspera Common Components

Component	Version
IBM Aspera Common Components	1.6.2

Hardware requirements

Hardware	Requirement
CPU	4x 2-GHz CPU cores
Memory	8 GB RAM
Hard Drive	SSD hard drive or high-speed disks (15K RPM)
Disk space	10 GB

Embedded components

Component	Version
Apache	2.4.62
Apache SSL	3.2.0 (Linux); 3.1.5 (Windows)
asctl	2.0.3
Mongrels	1.1.5
MySQL	5.1.54.0
Rails	2.3.5
Ruby	1.8.7
Ruby SSL	1.0.1u

Operating systems

Linux

OS	Version
RHEL	8.x and 9.x
CentOS	8.x and 9.x
SUSE	12

Windows

OS	Version
Windows Server	2012, 2016, and 2019

Browsers

OS	Version
Firefox	90 and newer
Chrome	92 and newer
Safari	14.1 and newer
Edge	92 and newer

Note: Console users can successfully access Console from any of these browsers on any OS, as long as the browser and OS are also supported by Connect

Known issues

API

- AC-1098 - The POST call to create an endpoint does not set a default value for the required endpoint_type field. **Workaround**: Set the endpoint_type field to SSH, NodeAPI, or AccessKey, defaulting to SSH unless specifically using the other options.
- AC-950 - When a transfer is stalled, the API continues to return a value in last_calculated_rate_bps. As a result, Console reports the transfer status as running and continues to update the charts.

Reporting

- AC-971 - Console does not display the full cipher string used by **ascp**, because HSTS truncates the cipher string after five characters.
- AC-933 - Console HTTP Gateway upload progress is incorrect when sending more than one file, because **ascp** is not yet able initially to report the total session size (bytes and files) when using the `stdio-tar` named pipe as a source.

Nodes

- AC-800 - When making transfers with an endpoint, Console uses the node user from associated node instead of the node user from the endpoint. If the two node user's have different docroots, the transfer fails. **Workaround:** Set the same docroot for both node users. (CIM-2347)
- AC-656 - Console times out when browsing a node with 50,000+ files. (CIM-1484)
- AC-618 - When addinbg an SSH endpoint to a node in a failover group, Console replicates the endpoint to the other nodes in the failover group, but doesn't set the endpoint type to SSH. Transfers using the incompletely replicated endpoint fail. **Workaround:** Edit the incompletely replicated endpoints and set the type to SSH. (CIM-1211)
- 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)

Transfers

- AC-1200 - When creating a transfer using an API, customers receive the following error: "ERROR – : failed to save transfer Include file filter is too long (maximum is 512 characters)Exclude file filter is too long (maximum is 512 characters)". **Workaround:** When making the transfer API call add an empty string if the `exclude_file_filter` and `include_file_filter`, parameters are not going to be included.
- AC-1002 - When users select multiple files and folders as the source of a transfer and the destination node is a Shares endpoint, Console transfers ignore the `Specify base for source path` option.
- AC-770 - Console cannot send reports to email addresses with domain names of 4 or more characters (for example, `.media`). (CIM-2129)
- AC-561 - Console does not support the `--exclude-newer-than=MTIME` and `--exclude-older-than=MTIME` **ascp** options.
- AC-511 - Console fails to create personal login for smart transfer to ATCM cluster with an invalid destination error. (CIM-820)
- AC-509 - Console reports "Unable to save smart Transfer Address is Invalid" when attempting to create smart transfers with addresses that end in `.systems`. (CIM-811)

UI

- AC-785 - Choosing a job from the Sync page (**Activity > Sync**) gives a 500 error. (CIM-2262)
- AC-526 - The Sync Jobs page does not sort by **Status** or by **Remote Node**. (CIM-888)

Watch Folders

- AC-725 - Modifying a Watch Folder through console resets the timeout value to the default. (CIM-2006)

Reporting

- AC-903 - Switching daylight savings settings wrongly schedules a report to be run thousands of times. (CIM-2864)
- AC-792 - Console reports a completed transfer as "Inactive". (CIM-2237)
- AC-790 - Console reports error out when working with databases that are 100 GB and larger. (CIM-2251)
- AC-789 - Console generates empty reports for unmanaged nodes using hostnames instead of IP addresses. **Workaround:** Configure unmanaged nodes to use IP addresses. (CIM-2268)
- AC-787 - Console uses the wrong dates and times when running a reporting on "last month". (CIM-2246)
- AC-672 - Console reports don't contain File Size or Bandwidth usage data for ATS transfers. (CIM-1593)

- AC-548 - The source directory is missing from Console monitoring and reporting if the **ascp** version is different between the client and server. (CIM-792)
- 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)

System

- AC-858 - When installing or upgrading Console, it is not possible to bind Apache on an address other than `0.0.0.0`. **Workaround**: Perform the installation or upgrade with `0.0.0.0` as the Apache bind address. Then, manually change the bind address in the `ashttpd.conf` file and the `httpd_template_linux.conf` and `httpd_template_windows.conf` template files. You can find those files at:

  - Linux: `/opt/aspera/common/apache/conf`

  - Windows: C:\Program Files\Common Files\Aspera\Common\apache\conf

  (CIM-2725)
- AC-821 - Console 500 error when attempting to delete node accounts in Console needs to clarify that the SSH user needs to be given write-permissions to `aspera.conf` (CIM-2530)
- AC-782 - In some cases, Console throws a 500 error with a `Data too long for column` error. (CIM-2204)
- AC-667 - Console can't import files from Aspera on Cloud, though session info is imported. (CIM-1520)
- AC-663 - Console prints in `start_faspex_on_boot` in `/var/log/messages`. (CIM-1424)
- AC-619 - Windows `my.cnf` file does not correctly load the `my-custom.cnf` because the file requires a full path. **Workaround:** Edit the file and change the line to:

  ```
  !include C:/Program Files (x86)/Common Files/Aspera/Common/mysql/my-custom.cnf
  ```

  (CIM-1212)
- AC-615 - Apache allows public access to the `.htaccess` file from a URL. (CIM-1177)
- AC-611 - [Windows] Installing or upgrading Console does not preserve the custom `my.cnf` file that controls MySQL settings. (CIM-1149)

Documentation

- AC-624 - Documentation on endpoint needs clarification, especially for ATS endpoints. (CIM-1230)

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.