

Release Notes: IBM Aspera HTTP Gateway 2.2.0

Product Released: April 2, 2021
Release Notes Updated: April 2, 2021

This release of IBM Aspera HTTP Gateway 2.2.0 allows and aligns with HTTP Gateway support in IBM Aspera on Cloud. When configured with HTTP Gateway version 2.2 or later, Aspera on Cloud organization users can transfer using HTTP Gateway. The release also provides the new features, fixes, and other changes listed below.

NEW FEATURES

A web application can now allow downloading a whole folder by providing a folder path instead of the list of files in the folder. (HTTPGTW-148)

Made improvements to how HTTP Gateway reports the live transfer rate for uploads. (HTTPGTW-117)

HTTP Gateway transfer specifications now include the `file_size` property. Applications, such as IBM Aspera Console, that monitor **ascp** uploads can use this property for progress reports. To show file count progress in Console for HTTP-Gateway based transfers, customers should be running HTTP-Gateway 2.2.0, HSTS 4.0.1 and Console 3.4.1-PL5 or greater. (HTTPGTW-113)

New properties in the `gatewayconfig.properties` configuration file

Configure HTTP Gateway to write to `stdout` instead of to `syslog` using the `serverconfig.sys_log_disabled` property. (HTTPGTW-168)

Configure new TLS server settings using the `serverconfig.min_tls_version` and `serverconfig.max_tls_version` properties. By default, the minimum TLS version is set to 1.2 and the maximum version is set to 1.3. (HTTPGTW-147)

Configure HTTP Gateway to allow transfers to only an authorized list of HSTS nodes using the `transferconfig.authorized_hsts_nodes` property. (HTTPGTW-145)

Configure **ascp** transfer sessions to run as a non-root user using the `ascpconfig.run_as_user` and `ascpconfig.run_as_group` properties. The configuration only applies when HTTP Gateway is running as `root`. (HTTPGTW-126)

ISSUES FIXED IN THIS RELEASE

HTTPGTW-143 - The **ascp** binary sends the passphrase used to authenticate the **ascp** private key to the remote SSH server.

HTTPGTW-105 - The URL for the API reference does not load.

SYSTEM REQUIREMENTS

If using HTTP Gateway with IBM Aspera Faspex, HTTP Gateway requires Faspex 4.4.1 Patch Level 7 or later.

Linux: RHEL/CentOS 7-8

Note: RHEL/CentOS 6 is no longer supported as of HTTP Gateway 2.1.2.

Browsers: Edge 89, Firefox 86, Safari 14, Google Chrome 89

KNOWN ISSUES

HTTPGTW-172 - The `serverconfig.cors` property only supports adding one domain or the asterisk wildcard (*).

HTTPGTW-37 - Downloads suffer packet loss if the transfer rate of the HTTP leg of the transfer (HTTP Gateway and the client through HTTP/HTTPS) cannot keep up with the transfer rate of the FASP leg of the transfer (HTTP Gateway and the HSTS node through **ascp**). **Workaround:** Mitigate this issue by capping the transfer rate using the `transferconfig.cap_max_transfer_rate` setting in the `gatewayconfig.properties` file.

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.