

Console 3.4.1 Patch Level 4

Operating Systems: Linux and Windows

Date: 9/18/2020

This patch includes the following fixes:

Patch Level 4 Fixes

Jira Issue	Description
AC-1043	The <code>fasp_files</code> and <code>transfer_session_files_u</code> tables do not allow large errors.
AC-1036	HTTP Proxy does not direct all API traffic.

Patch Level 3 Fixes

Jira Issue	Description
AC-1018	Creating a smart transfer using the API fails if the request does not include the <code>source_type</code> field.
AC-1017	SSH to ATS transfers fail to start.
AC-1005	Console unable to start a transfer if the source endpoint uses Node API credentials and the destination endpoint uses stored SSH keys as credentials.

Patch Level 2 Fixes

Jira Issue	Description
AC-1004	SAML users with special groups fail to log in.
AC-990	Maps do not represent transfers as lines between nodes when node name contains certain special characters.

Patch Level 1 Fixes

Jira Issue	Description
AC-996	Added black borders to enhance visibility of nodes in the map.
AC-995	Nodes on the map do not change color to red when they go down.
AC-992	Nodes on the map are placed incorrectly when the browser enters or exits full-screen mode.

PATCH INSTRUCTIONS

Applying the patch for Linux systems:

1. Download the patch file (`IBM_Aspira_Console_3.4.1_Linux_Windows_Patch_Level_4.zip`) and unzip it.
2. Make sure to back-up all the files in the console folder (`/opt/aspera/console/`).
3. Run the following command to replace existing files with patch files:

```
$ /bin/cp -r patch_path/IBM_Aspira_Console_3.4.1_Linux_Windows_Patch_Level_4/* /opt/aspera/console/  
$ chown -R aspera_console:aspera_console /opt/aspera/console
```

4. Update the database schema:

```
asctl console:migrate_database
```

Note: The database migration can take a long time depending on the number of records in the database. In an IBM Aspera test environment, a database with six million records took 20 minutes to migrate. This is an example, not a benchmark. Migration time depends on your environment and the number of records in your database.

5. Restart Console service:

```
asctl console:restart
```

6. Confirm the patch was applied by checking the patch level listed in the footer (beneath the version number).

Applying the patch for Windows systems:

1. Download the patch file (`IBM_Aspira_Console_3.4.1_Linux_Windows_Patch_Level_4.zip`) and unzip it.
2. Make sure to back-up all the files in the Console folder (`C:\Program Files (x86)\Aspera\Management Console\`).
3. Stop all Console services:
 - a. Go to **Control Panel > Administrative Tools > Services**.
 - b. For every service with IBM Aspera Console in the name, right-click on the service and select **Stop** from the drop-down menu.
4. Replace existing files by copying patch files to appropriate directories in the Console folder (`C:\Program Files (x86)\Aspera\Management Console\`).
5. Update the database schema:

```
asctl console:migrate_database
```

Note: The database migration can take a long time depending on the number of records in the database. In an IBM Aspera test environment, a database with six million records took 20 minutes to migrate. This is an example, not a benchmark. Migration time depends on your environment and the number of records in your database.

6. Restart all Console services:
 - a. Go to **Control Panel > Administrative Tools > Services**.
 - b. For every service with IBM Aspera Console in the name, right-click on the service and select **Start** from the drop-down menu.
7. Confirm the patch was applied by checking the patch level listed in the footer (beneath the version number).

