

# Shares 1.10.0 Patch Level 6

Operating Systems: Windows

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This patch includes the following fixes:

### Patch Level 6 Fixes

Issue	Description
AS-423	Support for Aspera Connect 4

### Patch Level 5 Fixes

Issue	Description
AS-328	Provide a workaround to connect Shares to MySQL 8.

### Patch Level 4 Fixes

Issue	Description
AS-404	Upgraded Nginx, OpenSSL, and PCRE * Zlib to the latest compatible versions.

### Patch Level 3 Fixes

Issue	Description
AS-256	User's login sessions remain active even after password reset.

### Patch Level 2 Fixes

Issue	Description
AS-308	Upgraded JRE to version 1.8.0_392

## Patch Level 1 Fixes

Issue	Description
AS-531	Upgraded JQuery-UI to version 1.13.2

## Known issues

Jira Issue	Description
AS-360	Unable to edit user status.
AS-414	Users are able to login after resetting their password in multiple sessions.

## Patch instructions

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### Applying the patch for Windows systems:

1. Download and extract the patch file ( `IBM_Aspira_Shares_1.10.0_Linux_Patch_Level_6.zip` ).
2. Back up all the files in the ( `C:\Shares` ) folder.
3. Stop all Shares services with patch files:
  - a. Go to **Control Panel > Administrative Tools > Services**.
  - b. Right click each 'IBM Aspera' service and select **Stop**.
4. Replace existing files with patch files:
  - a. Replace existing files by copying folders from `src` patch files to the appropriate directories in the Shares folder ( `C:\Shares\www` ).
  - b. Delete the folder `C:\Shares\statscollector\jre`
  - c. Replace existing files by copying `lib\jre` patch files to the appropriate directories in the Shares folder ( `C:\Shares\statscollector\` ).
5. Upgrade Nginx, Zlib, OpenSSL & PCRE to latest compatible versions a. Copy the contents of `lib\upgrades\*` to `c:/shares/nginx` b. *Optional* : You can delete the objs folder ( `c:/shares/nginx/objs` )
6. Remove the previous version of JQuery-UI: ( `C:\Shares\www\public\javascripts\third-party\jquery-ui-1.12.1` )  
(**Optional**)
7. Restart all Shares services:
  - a. Go to **Control Panel > Administrative Tools > Services**.
  - b. Right click each 'IBM Aspera' service and select **Start**
8. Run the script to update the database table:

```
cd > cd C:\shares\www
```

```
bundle exec rake db:migrate
```

## Connect Shares to MySQL 8

Follow these steps to connect Shares with MySQL 8 database.

1. Back up the current database:

```
cd C:\Program Files (x86)\Common Files\Aspera\Common\mysql\data\  
mysqldump -u username -p web_production > <path to the folder>/sharesdb.sql  
mysqldump -u username -p stats_collector > <path to the folder>/statscollectordb.sql
```

2. MySQL 8 setup on a remote instance

- a. Install MySQL 8 Database on a remote instance <https://dev.mysql.com/downloads/installer/>
- b. Create a User and Grant Permissions from mysql console

```
CREATE USER 'root'@'<Shares Host IP>' IDENTIFIED WITH mysql_native_password BY '<MySQL pwd>';  
GRANT ALL PRIVILEGES ON *.* TO 'root'@'<Shares host IP>' WITH GRANT OPTION;  
FLUSH PRIVILEGES;
```

- c. Create required databases

```
create database web_production;  
create database stats_collector;
```

3. Copy the backup files generated from Step 1 to the remote MySQL8 database instance.

4. Stop all the services:

- a. IBM Aspera Shares Nginx
- b. IBM Aspera Shares Delayed Job 1
- c. IBM Aspera Shares Web Services
- d. IBM Aspera Shares Stats Collector

5. Update database details with the MySQL8 credentials (username, password, port, host):

- a. Update the Shares `C:\Shares\www\config\database.yml` file.
- b. Remove the `C:\Shares\statscollector\lib` and `C:\Shares\statscollector\jre` folder.
- c. Copy all the content from the new Stats Collector folder in the patch file to: `C:\Shares\statscollector`.
- d. Update the Stats Collector `C:\Shares\statscollector\etc\persistence.xml` file.
- e. Run the batch script `C:\Shares\statscollector\etc\RegUpdate.bat`

6. Restore the remote database with the backup you created in step 1:

```
mysql -u username -p web_production < sharesdb.sql  
mysql -u username -p stats_collector < statscollectordb.sql
```

7. Restart all the services: a. IBM Aspera Shares Nginx b. IBM Aspera Shares Delayed Job 1 c. IBM Aspera Shares Web Services d. IBM Aspera Shares Stats Collector

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