

# FASPEX 4.4.1 PATCH Level 3

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**Operating Systems:** Linux and Windows

**Date:** 04/23/2020

This patch includes the following fixes:

## Patch Level 3 Fixes

Jira Issue	Description
FASPX-1789	Dropbox invitations do not allow users to apply EAR when dropbox or global settings are set to <b>optional</b> . Read the notes below to check if your situation requires follow-up actions.
FASPX-1783	The pagination for <code>/api/users</code> returns 404 instead of an empty array when <code>page_num</code> exceeds page count.

## Notes related to FASPX-1789:

### THE PROBLEM

Faspex 4.4 introduced the ability to configure, on a per-invitation basis, whether invited submitters are required to upload using encryption-at-rest (EAR). This per-invitation setting overrules dropbox and global settings. Users configure this setting when creating a new invitation.

Upgrading to Faspex 4.4 sets the EAR requirement of pre-existing invitation to the default of **no**. Since EAR settings are only configurable when creating an invitation, pre-existing invitations do not allow submitters to use EAR when the dropbox or global settings are **optional**.

### PATCH BEHAVIOR

Applying Patch Level 3 changes the default EAR requirement from **no** to unset. The patch also updates all invitations with EAR requirements set to **no** to inherit settings from the dropbox or global level by leaving the setting unset. Invitations with EAR requirements set

to **yes** or **optional** are unaffected. When dropbox or global settings are **optional**, new invitations follow the EAR requirement set when the invitation was created. Otherwise, invitations follow relevant dropbox and global settings.

## THE FIX

Upgrade to 4.4.1 and apply Patch Level 3 for a full fix.

**IMPORTANT:** The patch cannot differentiate whether pre-existing invitations with EAR requirements set to **no** were defaulted to **no** from the upgrade to Faspex 4.4 or intentionally set to **no** by a user. If you have invitations that must be set to **no**, you must reissue those invitations.

## Patch Level 2 Fixes

Jira Issue	Description
FASPX-1779	Faspex URLs generated using Inbox.Atom use final source share directory instead of the storage share directory.
FASPX-1778	Not able to update Faspex package via API after package send.
FASPX-1783	The pagination for <code>/api/users</code> endpoint does not return the correct results when the <code>page_num</code> value exceeds the page count.

## Patch Level 1 Fixes

Jira Issue	Description
FASPX-1773	Stats Collector logs show unnecessary information.
FASPX-1772	Creating users using the <code>/user</code> endpoint requires true and false Boolean values for <code>can_send_normal_packages</code> , <code>can_send_to_external_email</code> , and <code>can_send_to_all_faspex_users</code> fields.
FASPX-1770	User created using the SDK does not inherit server default settings.
FASPX-1388	Implemented <code>NoMgmtPortFiles</code> in SOAP payload for remote source transfers.

See the included API reference included in the patch folder (open `IBM_Aspira_Faspex_4.4.1_PL3_api_reference/index.html` in your browser).

## PATCH INSTRUCTIONS

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### Applying the patch for Linux systems:

1. Download the patch file ( `IBM_Aspira_Faspex_4.4.1_Linux_Windows_Patch_Level_3.zip` ) and unzip it.
2. Make sure to back-up all the files in the faspex folder ( `/opt/aspera/faspex/` ).
3. Run the following command to replace existing files with patch files:

```
$ /bin/cp -r patch_path/  
IBM_Aspira_Faspex_4.4.1_Linux_Windows_Patch_Level_3/* /opt/aspera/faspex/
```

4. Change ownership of the `/opt/aspera/faspex` folder to the `faspex` group and `faspex` user:

```
cd /opt/aspera/faspex  
chown -R faspex:faspex *
```

5. Restart Faspex service:

```
asctl faspex:restart
```

6. Run the following command to get updated database schema:

```
asctl faspex:migrate_database
```

### Applying the patch for Windows systems:

1. Download the patch file ( `IBM_Aspira_Faspex_4.4.1_Linux_Windows_Patch_Level_3.zip` ) and unzip it.
2. Make sure to back-up all the files in the Faspex folder ( `C:\Program Files\Aspera\Faspex\` ).

3. Stop all Faspex services:
  - a. Go to **Control Panel > Administrative Tools > Services**.
  - b. For every service with Aspera Faspex 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 Faspex folder ( C:\Program Files\Aspera\Faspex\ ).
5. Restart all Faspex services:
  - a. Go to **Control Panel > Administrative Tools > Services**.
  - b. For every service with Aspera Faspex in the name, right-click on the service and select **Start** from the drop-down menu.
6. Run the following command to get updated database schema:

```
asctl faspex:migrate_database
```