



Spectrum Technology Platform

Version 2020.1.0 S61

Release Notes

This document contains information about Spectrum Technology Platform 2020.1.0 patch S61. You have access only to the modules you have licensed. To evaluate any other modules, contact your Precisely account executive for a trial license key.

Who should apply this update?	This product update is intended for all Spectrum Technology Platform 2020.1.0 users.
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Is this update required?	This product update is required.
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Fixed Issues

This product update improves security and fixes these issues in Spectrum Technology Platform 2020.1.0:

CDQE-97407

Faceted Search Counts never update in Audit Log

CDQE-98520

Issue with Directory Access on Linux Spectrum 20.1

Installation

To install this product update you must have Spectrum Technology Platform 2020.1.0 installed.

Important: Before you install this product update, be sure that you have installed all previously released product updates for your modules and the platform. Unexpected issues may occur if you do not install product updates in the proper order. For a listing of product updates for each module and the platform, see the [Product Update Summary](#).

Applying This Product Update to a Cluster

To apply this product update to a cluster you must stop all the nodes in the cluster then install the product update to each node by following the instructions in these release notes. You can start up each node after you update it.

Warning: You must shut down the cluster before installing this patch. Failure to do so may result in data loss and your system may become unusable.

Applying This Product Update to a Distributed Configuration

To apply this product update to a distributed configuration you must stop all repository instances and server instances of Precisely Spectrum Technology Platform. Extract the patch to a separate directory. For the repository instances, follow the steps that apply to the `SpectrumDirectory/repository`. For the server instances, follow the other steps that apply to the server.

Installing on Windows

Follow these steps to install the Spectrum Technology Platform 2020.1.0 S61 patch in a Windows configuration.

Note: In this procedure, *SpectrumDirectory* is the directory where the Spectrum Technology Platform server is installed (for example, `C:\Program Files\Precisely\Spectrum`).

1. Stop the Spectrum Technology Platform server.
To stop the server, right-click the Spectrum Technology Platform icon in the Windows system tray and click **Stop Spectrum**.
2. Back up these directories and their contents from *SpectrumDirectory* to a different location:

```
index\lib
index\modules\x-pack-core
index\modules\transport-netty4
repository
server\deploy
server\lib
```

3. Delete Spectrum Technology Platform server folders and files affected by the patch.
For more information, see [File information](#) on page 5.
4. If the Spatial and Routing module is installed on the Spectrum Technology Platform server, back up and delete Spatial and Routing module files affected by the patch.
For more information, see [Back up and delete Spatial and Routing module files](#) on page 6.
5. Use the link in the release announcement to download the ZIP file containing the product update. You can also find links to software, release notes, and checksum values on the [2020.1.0 Updates](#) page.
6. Extract the contents of the ZIP file to a temporary location.
7. Extract the contents of the resulting ZIP file (`cdq20201s61.zip`) to the directory where the Spectrum Technology Platform server is installed (*SpectrumDirectory*).
Choose to overwrite the existing files.
8. Copy the *SpectrumDirectory*\repository\data directory that you backed up in step 2 on page 3 to the *SpectrumDirectory*\repository directory.
This replaces the data folder installed by the patch.

Important: Copy any changes that you want to retain from the backed up `repository\Neo4j.template` file into the updated *SpectrumDirectory*\repository\Neo4j.template file.

9. If the Spatial and Routing module is installed on the Spectrum Technology Platform server, copy files from the `SpectrumDirectory\server\lib` folder to module `lib` folders.
For more information, see [Copy Spatial and Routing module files](#) on page 7.
10. Start the Spectrum Technology Platform server.
To start the server, right-click the Spectrum Technology Platform icon in the Windows system tray and click **Start Spectrum**.

Installing on Linux

Follow these steps to install the Spectrum Technology Platform 2020.1.0 S61 patch in a Linux configuration.

Note: In this procedure, *SpectrumDirectory* is the directory where the Spectrum Technology Platform server is installed (for example, `/home/user/myuser/Precisely/Spectrum`).

1. Source the `SpectrumDirectory/server/bin/setup` script.
2. Run the `SpectrumDirectory/server/bin/server.stop` script to stop the Spectrum Technology Platform server.
3. Back up these directories and their contents from *SpectrumDirectory* to a different location:

```
index/lib
index/modules/x-pack-core
index/modules/transport-netty4
repository
server/deploy
server/lib
```

4. Delete Spectrum Technology Platform server directories and files affected by the patch.
For more information, see [File information](#) on page 5.
5. If the Spatial and Routing module is installed on the Spectrum Technology Platform server, back up and delete Spatial and Routing module files affected by the patch.
For more information, see [Back up and delete Spatial and Routing module files](#) on page 6.
6. Use the link in the release announcement to download the ZIP file containing the product update. You can also find links to software, release notes, and checksum values on the [2020.1.0 Updates](#) page.
7. Extract the contents of the ZIP file to a temporary location.
8. FTP the `cdq20201s61.tar.gz` file in binary mode to a temporary directory on the Spectrum Technology Platform machine.
9. Change to the directory where the Spectrum Technology Platform server is installed (*SpectrumDirectory*).

10. Untar the file using this command:

```
tar -xvzf TemporaryDirectory/cdq20201s61.tar.gz
```

11. Copy the `SpectrumDirectory/repository/data` directory that you backed up in step 3 on page 4 to the `SpectrumDirectory/repository` directory.

This replaces the data folder installed by the patch.

Important: Copy any changes that you want to retain from the backed up `repository/Neo4j.template` file into the updated `SpectrumDirectory/repository/Neo4j.template` file.

12. If the Spatial and Routing module is installed on the Spectrum Technology Platform server, copy files from the `SpectrumDirectory/server/lib` directory to module `lib` directories. For more information, see [Copy Spatial and Routing module files](#) on page 7.
13. Run the `SpectrumDirectory/server/bin/server.start` script to start the Spectrum Technology Platform server.

File information

This section lists files and directories on the server that are replaced or updated by the patch.

Server (all platforms)

All directories listed here are located in the `SpectrumDirectory` on the Spectrum Technology Platform server (for example, `/home/user/myuser/Precisely/Spectrum` on Linux or `C:\Program Files\Precisely\Spectrum` on Windows).

Instructions

Back up Spectrum Technology Platform program directories affected by the patch. For each directory, delete files or the directory as specified in the **Action** column:

- *Delete directory*—Delete the entire directory and its contents.
- *Delete files*—Delete files from the directory that are listed in the **File name** column.

Folders and Files

Directory	File name	Action
index\lib	snakeyaml-1.26.jar	Delete file
index\modules\transport-netty4	Directory and all files	Delete directory
index\modules\x-pack-core	Directory and all files	Delete directory
repository	Directory and all files Note: You must back up this directory to another location before you delete it.	Delete directory
server\lib	Directory and all files	Delete directory

Spatial and Routing module

This section describes actions performed on Spatial and Routing files affected by the patch.

If the Spectrum and Routing module is installed on the server, you must back up and delete files before you install the patch. Follow the instructions provided below.

Back up and delete Spatial and Routing module files

For each directory in the **Directory** column, back up and delete files listed in the **File name** column:

Directory	File name	Action
server\modules\spatial\lib\	spring-core-5.2.21.RELEASE.jar spring-jcl-5.2.21.RELEASE.jar	Delete files

Directory	File name	Action
server\modules\routing\lib\	spring-aop-5.2.21.RELEASE.jar spring-beans-5.2.21.RELEASE.jar spring-context-5.2.21.RELEASE.jar spring-context-support-5.2.21.RELEASE.jar spring-core-5.2.21.RELEASE.jar spring-expression-5.2.21.RELEASE.jar spring-jcl-5.2.21.RELEASE.jar spring-web-5.2.21.RELEASE.jar	Delete files

Once you have deleted the suggested files, you can continue with the [next step \(Windows\)](#), or [next step \(Linux\)](#).

Copy Spatial and Routing module files

Copy Spatial or Routing files listed in the **File name** column from the *SpectrumDirectory*\server\lib directory to the corresponding Spatial or Routing directory in the **Directory** column.

Directory	File name	Action
server\modules\spatial\lib\	spring-core-5.2.22.RELEASE.jar spring-jcl-5.2.22.RELEASE.jar	Copy files
server\modules\routing\lib\	spring-aop-5.2.22.RELEASE.jar spring-beans-5.2.22.RELEASE.jar spring-context-5.2.22.RELEASE.jar spring-context-support-5.2.22.RELEASE.jar spring-core-5.2.22.RELEASE.jar spring-expression-5.2.22.RELEASE.jar spring-jcl-5.2.22.RELEASE.jar spring-web-5.2.22.RELEASE.jar	Copy files

Once you have copied the suggested files, you can continue with the [next step \(Windows\)](#), or [next step \(Linux\)](#).



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