



Spectrum Technology Platform

Version 2022.1.0 S46

Release Notes

This document contains information about Spectrum Technology Platform 2022.1.0 patch S46. 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 2022.1.0 users.
--------------------------------------	--

Is this update required?	This product update is required.
---------------------------------	----------------------------------

Contents:

Fixed Issues.....	2
Installation.....	2
File information.....	7



Fixed Issues

This product update enhances security and fixes these issues:

CDQE-103387	Email alerts issue due to unsupported TLS version.
CDQE-102663	Names of the options for checkboxes in Management Console services are not displayed.

Installation

To install this product update you must have Spectrum Technology Platform 2022.1.0 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 each node after you update it.

Warning: You must stop 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 Separated Database Configuration

To apply this product update to a separated database configuration you must stop all repository instances and server instances of Spectrum Technology Platform. First follow the steps in [Update a separated database configuration](#) on page 3. After you update the database configuration server, see [Installing on Windows](#) on page 5 or [Installing on Linux](#) on page 6 to apply the patch to the Spectrum server.

Warning: Stop both repository and server instances before installing this patch. Failure to do so may result in data loss and your system may become unusable.

Update a separated database configuration

Follow these steps to apply the patch to a separated database configuration of Spectrum Technology Platform.

In this procedure, *DatabaseDirectory* is the directory where the Configuration Database is installed.

1. If you have not done so already, stop both repository and server instances of Spectrum Technology Platform.
2. Verify that all Java processes have been stopped.
3. Back up the *DatabaseDirectory\respository* directory to a different location.
4. Delete the *DatabaseDirectory\respository* directory.
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 [2022.1.0 Updates](#) page.
6. Extract the contents of the ZIP file to a temporary location.
7. Extract the contents of the resulting file to a temporary location.

Operating system	Do this
Windows	Extract the contents of the resulting ZIP file (cdq20221s46.zip).
Linux	Extract the contents of the resulting cdq20221s46.tar.gz file, then the resulting cdq20221s46.tar file.

8. From the extracted contents, copy only the *respository* directory and the *cdq20221s46.rls* file to your the *DatabaseDirectory* install location.
9. Copy the *respository\data* directory that you backed up in step 3 on page 3 to the *DatabaseDirectory\respository* directory.
10. After you copy the repository, copy these files from the backed up repository folder to the *DatabaseDirectory*.

Operating system	Files
Windows	<pre> \repository\bin\spectrumTray.exe \repository\bin\spectrumTray.exe.config \repository\bin\wrapper\wrapper.dll \repository\bin\wrapper\wrapper.exe \repository\bin\wrapper\wrapper.jar </pre>
Linux	<pre> /repository/bin/setup /repository/bin/server.start /repository/bin/server.stop /repository/bin/wrapper/es /repository/bin/wrapper/libwrapper.so /repository/bin/wrapper/wrapper /repository/bin/wrapper/wrapper.jar </pre>

11. Copy the Java path from the backed up `\repository\bin\wrapper\wrapper.conf` file, and set the `wrapper.java.command` property in the `DatabaseDirectory\repository\bin\wrapper\wrapper.conf` file:

```
# Java Application
wrapper.java.command=java path
```

12. To retain customized settings in the `wrapper.conf` file, copy the customized settings from the backed up copy.
- Important:** Verify that any other files with customized settings, such as `opensearch.template` and `neo4j.template`, have been retained after you install the patch.
13. If your separated database configuration is clustered, copy the cluster settings from the backed up `repository\spectrum-container.properties` file.
- If you do not copy these settings, the cluster will not start correctly and could cause issues with the configuration database.
14. Start Spectrum Technology Platform on the Configuration Database server.
- Important:** If you have a separated configuration database cluster, apply the patch to each node in the cluster before starting the Configuration Database servers.
15. Follow instructions in [Installing on Windows](#) on page 5 or [Installing on Linux](#) on page 6 to run the patch installer on the Spectrum server.

Installing on Windows

Attention: If your Spectrum Technology Platform server is installed with a separated database configuration, first follow the steps in [Update a separated database configuration](#) on page 3 to update the database configuration instances before you perform this procedure on the Spectrum server instances.

Follow steps in this procedure to install the Spectrum Technology Platform 2022.1.0 S46 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 to a different location:

```
SpectrumDirectory\index\plugins\opendistro_security
SpectrumDirectory\index\modules\transport-netty4
SpectrumDirectory\repository
SpectrumDirectory\server\deploy
SpectrumDirectory\server\lib
```

3. Delete Spectrum Technology Platform server files affected by the patch.
For more information, see [Delete Spectrum server files](#) on page 7.
4. 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 [2022.1.0 Updates](#) page.
5. Extract the contents of the ZIP file to a temporary location.
6. Extract the contents of the resulting ZIP file (`cdq20221s46.zip`) to the directory where the Spectrum Technology Platform server is installed (*SpectrumDirectory*).
Choose to overwrite the existing files.
7. If your Spectrum Technology Platform server is installed with a separated database configuration, delete *SpectrumDirectory*/repository directory.
The repository is on the Database Configuration server.
8. Copy the `repository\data` directory that you backed up in step 2 on page 5 to the *SpectrumDirectory*\repository directory.
This replaces the data directory 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. 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

Attention: If your Spectrum Technology Platform server is installed with a separated database configuration, first follow the steps in [Update a separated database configuration](#) on page 3 to update the database configuration instances before you perform this procedure on the Spectrum server instances.

Follow steps in this procedure to install the Spectrum Technology Platform 2022.1.0 S46 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 to a different location:

```
SpectrumDirectory/index/plugins/opendistro_security
SpectrumDirectory/index/modules/transport-netty4
SpectrumDirectory/repository
SpectrumDirectory/server/deploy
SpectrumDirectory/server/lib
```

4. Delete Spectrum Technology Platform server files affected by the patch.
For more information, see [Delete Spectrum server files](#) on page 7.
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 [2022.1.0 Updates](#) page.
6. Extract the contents of the ZIP file to a temporary location.
7. FTP the `cdq20221s46.tar.gz` file in binary mode to a temporary directory on the Spectrum Technology Platform machine.

8. Change to the directory where the Spectrum Technology Platform server is installed (*SpectrumDirectory*).
9. Untar the file using this command:


```
tar -xvzf TemporaryDirectory/cdq20221s46.tar.gz
```
10. If your Spectrum Technology Platform server is installed with a separated database configuration, delete *SpectrumDirectory/repository* directory.
The repository is on the Database Configuration Server.
11. Copy the *repository/data* directory that you backed up in step 3 on page 6 to the *SpectrumDirectory/repository* directory.
This replaces the data directory 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. Run the *SpectrumDirectory/server/bin/server.start* script to start the Spectrum Technology Platform server.

File information

This section documents directories and files affected by the patch. All paths in this section are located on the Spectrum Technology Platform server in *SpectrumDirectory* (for example, */home/user/myuser/Precisely/Spectrum* on Linux or *C:\Program Files\Precisely\Spectrum* on Windows).

Spectrum Server

This section describes actions performed on Spectrum Technology Platform server files affected by the patch.

Delete Spectrum server files

For each directory in the **Directory** column, delete the files listed in the **Delete** column.

Directory	Delete
<i>index\plugins\opendistro_security</i>	Directory and its contents

Directory	Delete
<code>index\modules\transport-netty4</code>	Directory and its contents
<code>repository</code>	Directory and its contents
<code>server\lib</code>	Directory and its contents



1700 District Ave Ste 300
Burlington, MA 01803-5231
USA

www.precisely.com

Copyright 2007, 2024 Precisely