



Spectrum Technology Platform

Version 2019.1.0 S34

Release Notes

This document contains information about Spectrum Technology Platform 2019.1.0 S34. 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 for users of the Big Data Module of Spectrum Technology Platform 2019.1.

Is this update required? This product update is mandatory.

Contents:

Fixed Issues	2
Installation.....	2



Fixed Issues

This product update fixes the Log4j critical vulnerability issue CVE-2021-45046, CVE-2021-44228, CVE-2021-45105. The issue is remediated with the library upgrade.

Installation

To install this product update you must have Spectrum Technology Platform 2019.1.0 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, install the product update to each node by following the instructions in these release notes. You can apply the product update to one node at a time without stopping all the nodes in the cluster.

Installing on Windows

Note: In this procedure, *SpectrumFolder* is the folder where you have installed the Spectrum Technology Platform server.

1. Ensure that all Spectrum applications are closed.
2. Stop the Spectrum Technology Platform server.
 - To stop the server, right-click the Spectrum Technology Platform icon in the Windows system tray and select **Stop Spectrum**.
 - Alternatively, you can use the Windows Services control panel and stop the **Spectrum Technology Platform** service.
3. Move the following files to a different location:

- `SpectrumFolder\server\modules\bigdata\hadoop\hadoop2x\log4j-api-2.6.2.jar`
 - `SpectrumFolder\server\modules\bigdata\hadoop\hadoop2x\log4j-api-2.8.2.jar`
4. Click the link in the release announcement to download the ZIP file containing the product update. You can download the software and release notes from the [2019.1.0 Updates](#) page.
 5. Extract the contents of the resulting ZIP file (`cdq20191s34.zip`) to the folder where you have installed the Spectrum Technology Platform server (*SpectrumFolder*). Choose to overwrite the existing files.
 6. Start the Spectrum Technology Platform server.
 - To start the server, right-click the Spectrum Technology Platform icon in the Windows system tray and select **Start Spectrum**.
 - Alternatively, you can use the Windows Services control panel to start the **Spectrum Technology Platform** service.

The amount of time it takes to restart the Spectrum Technology Platform server will depend on your installation.

Installing on Linux

Note: In this procedure, *SpectrumDirectory* is the directory where you have installed the Spectrum Technology Platform server.

1. Ensure that all Spectrum applications are closed.
2. Stop the Spectrum Technology Platform server.
 - Source the `SpectrumDirectory/server/bin/setup` script.
 - Run the `SpectrumDirectory/server/bin/server.stop` script to stop the Spectrum Technology Platform server.
3. Move the following files to a different location:
 - `SpectrumFolder/server/modules/bigdata/hadoop/hadoop2x/log4j-api-2.6.2.jar`
 - `SpectrumFolder/server/modules/bigdata/hadoop/hadoop2x/log4j-api-2.8.2.jar`
4. Click the link in the release announcement to download the ZIP file containing the product update. You can download the software and release notes from the [2019.1.0 Updates](#) page.
5. Extract the contents of the ZIP file to a temporary location.
6. FTP the `cdq20191s34.tar` file in binary mode to a temporary directory on the Spectrum Technology Platform machine.
7. Change to the directory where Spectrum Technology Platform is installed (*SpectrumDirectory*).
8. Untar the file using this command:

```
tar -xvf TemporaryDirectory/cdq20191s34.tar
```

9. Run the *SpectrumDirectory*/server/bin/server.start script to start the Spectrum Technology Platform server.

The amount of time it takes to restart the Spectrum Technology Platform server will depend on your installation.



2 Blue Hill Plaza, #1563
Pearl River, NY 10965
USA

www.precisely.com

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