



# Spectrum Technology Platform

Version 2019.1.0 S21

## Release Notes

This document contains information about Spectrum Technology Platform 2019.1.0 patch S21. 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.

<b>Who should apply this update?</b>	This product update is intended for Spectrum Technology Platform 2019.1 users.
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<b>Is this update required?</b>	This product update is required.
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## Fixed Issues

This product update contains software changes that fix the following issues in the Spectrum Technology Platform:

<b>CDQE-85945</b>	The log file <code>spectrum-server.log</code> quickly grows very large.
<b>CDQE-79688</b>	Match Analysis results not generated consistently.
<b>CDQE-86247</b>	Data missing in inspection with specified format to convert double to string.
<b>CDQE-86883</b>	Encrypted keystore password fails in <code>cli.properties</code> file.

## Installation

To install this product update you must have installed Spectrum Technology Platform 2019.1.0.

**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 platform, see the [Spectrum Technology Platform Updates](#) pages.

### *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.

## Installing on Windows

**Note:** In this procedure, *SpectrumFolder* is the folder where you have installed the Spectrum Technology Platform server (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 files in the `SpectrumFolder\server\lib` folder:

```
spectrum-server-config-api-19.1.jar
spectrum-server-config-core-19.1.jar
spectrum-server-config-integration-remote-method-19.1.jar
spectrum-server-runtime-core-19.1.jar
spectrum-api-persistence-index-19.1.jar
spectrum-server-config-core-ws-19.1.jar
client-19.1-Common.zip
```

3. Back up this file in the `SpectrumFolder\server\exports` folder:

```
client-19.1-Common.zip
```

4. Use the link in the release announcement to download the ZIP file containing the product update. You can also find links to software and release notes on the [2019.1.0 Updates](#) page.
5. Extract the contents of the ZIP file to a temporary location.
6. Extract the contents of the resulting ZIP file (`cdq20191s21.zip`) to the folder where Spectrum is installed (`SpectrumFolder`).  
Choose to overwrite the existing files.
7. On any machines that have Enterprise Designer installed, delete `WindowsTemporaryDirectory\glAssemblies`, where `WindowsTemporaryDirectory` is one of the following: `%TMP%`, `%TEMP%`, `%USERPROFILE%`, or the Windows directory.

Typically the path is `C:\Users\UserName\AppData\Local\Temp\glAssemblies`

8. 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**.
9. After you restart the server, reinstall the Administration Utility to update the Command Line Interface (CLI) on every machine where it was previously installed. Make sure that you replace or delete any existing installation of the Administration Utility.

**Important:** Before you replace an existing installation of the Administration Utility, back up the `cli.properties` file if it exists and any other CLI configurations. Add the backed up file and other configurations to the updated CLI after you reinstall the Administration Utility.

For information about how to install and configure the Administration Utility, see the [Administration Utility](#) chapter in the *Spectrum 2019.1.0 Administration Guide*.

## Installing on Unix or Linux

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

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 files in the *SpectrumDirectory*/server/lib directory:

```
spectrum-server-config-api-19.1.jar  
spectrum-server-config-core-19.1.jar  
spectrum-server-config-integration-remote-method-19.1.jar  
spectrum-server-runtime-core-19.1.jar  
spectrum-api-persistence-index-19.1.jar  
spectrum-server-config-core-ws-19.1.jar  
client-19.1-Common.zip
```

4. Back up this file in the *SpectrumDirectory*/server/exports directory:

```
client-19.1-Common.zip
```

5. Use the link in the release announcement to download the ZIP file containing the product update. You can also find links to software and release notes on the [2019.1.0 Updates](#) page.
6. Extract the contents of the ZIP file to a temporary location.
7. FTP the `cdq20191s21.tar.gz` file in binary mode to a temporary directory on the Spectrum Technology Platform machine.
8. Change to the directory where Spectrum Technology Platform is installed (*SpectrumDirectory*).
9. Untar the file using this command:

```
tar -xvzf TemporaryDirectory/cdq20191s21.tar.gz
```

10. On any machines that have Enterprise Designer installed, delete *WindowsTemporaryDirectory*\glAssemblies, where *WindowsTemporaryDirectory* is one of the following: %TMP%, %TEMP%, %USERPROFILE%, or the Windows directory. Typically the path is:

```
C:\Users\UserName\AppData\Local\Temp\glAssemblies
```

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

12. After you restart the server, reinstall the Administration Utility to update the Command Line Interface (CLI) on every machine where it was previously installed. Make sure that you replace or delete any existing installation of the Administration Utility.

**Important:** Before you replace an existing installation of the Administration Utility, back up the `cli.properties` file if it exists and any other CLI configurations. Add the backed up file and other configurations to the updated CLI after you reinstall the Administration Utility.

For information about how to install and configure the Administration Utility, see the [Administration Utility](#) chapter in the *Spectrum 2019.1 Administration Guide*.



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

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