



# Spectrum Technology Platform

Version 2020.1.0 S11

## Release Notes

This document contains information about Spectrum Technology Platform 2020.1.0 patch S11. 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 all Spectrum Technology Platform 2020.1 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 a software change that fixes the following issue in the Spectrum Technology Platform:

<b>CDQE-86651</b>	Password policy issues.
<b>CDQE-86654</b>	Server-side request issues.
<b>CDQE-88932</b>	<code>geotaxdb</code> memory set is not working in the CLI.
<b>CDQE-88933</b>	<code>ermdb</code> memory set is not working in the CLI.
<b>CDQE-89241</b>	Spectrum 18.2 to 20.1 upgrade issues.

## Installation

To install this product update you must have Spectrum Technology Platform 2020.1 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.

### *Complex password support*

This patch updates a password policy change to enforce complex password policies for new users. To set a complex password meeting all basic requirements, see [Password Support Through JMX Console](#). This password policy change does not apply to existing users.

## Installing on Windows

Follow these steps to install the Spectrum Technology Platform 2020.1.0 S11 patch in a Windows configuration.

**Note:** After you complete the update and restart the server, be certain to reinstall the Administration Utility wherever it is installed, as described in step 8 on page 4.

**Note:** In this procedure, *SpectrumDirectory* is the folder 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 files to a different location:

- a) In the *SpectrumDirectory*\server\deploy folder:

```
ews-20.1.car
```

- b) In the *SpectrumDirectory*\server\exports folder:

```
spectrum-cli-20.1.zip
```

3. Back up and then delete these files.

- a) In the *SpectrumDirectory*\server\lib folder:

```
spectrum-api-persistence-index-20.1.jar  
spectrum-server-common-audit-archive-20.1.jar  
spectrum-server-common-audit-model-20.1.jar  
spectrum-server-common-audit-persist-common-20.1.jar  
spectrum-server-common-audit-persist-elasticsearch-20.1.jar  
spectrum-server-common-persistence-index-20.1.jar  
spectrum-server-config-core-20.1.jar  
spectrum-server-runtime-core-20.1.jar  
spectrum-server-transaction-core-20.1.jar
```

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 [2020.1.0 Updates](#) page.
5. Extract the contents of the ZIP file to a temporary location.
6. Extract the contents of the resulting ZIP file (*cdq20201s11.zip*) to the folder where you installed Spectrum (*SpectrumDirectory*\).  
Choose to overwrite the existing files.

7. 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**
8. After you restart the server, reinstall the Administration Utility to update the Command Line Interface (CLI) on every machine where it is currently installed. Make sure that you replace or delete every 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 more information, see [Install the Administration Utility](#) in the *Spectrum Technology Platform version 2020.1.0 Administration Guide*.

## Installing on Linux

Follow these steps to install the Spectrum Technology Platform 2020.1.0 S11 patch in a Linux configuration.

**Note:** After you complete the update and restart the server, be certain to reinstall the Administration Utility wherever it is installed, as described in step 11 on page 5.

**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 files to a different location:
  - a) In the `SpectrumDirectory/server/deploy` directory:
 

```
ews-20.1.car
```
  - b) In the `SpectrumDirectory/server/exports` directory:
 

```
spectrum-cli-20.1.zip
```
4. Back up and then delete these files.
  - a) In the `SpectrumDirectory/server/lib` directory:
 

```
spectrum-api-persistence-index-20.1.jar
spectrum-server-common-audit-archive-20.1.jar
spectrum-server-common-audit-model-20.1.jar
spectrum-server-common-audit-persist-common-20.1.jar
```

```
spectrum-server-common-audit-persist-elasticsearch-20.1.jar  
spectrum-server-common-persistence-index-20.1.jar  
spectrum-server-config-core-20.1.jar  
spectrum-server-runtime-core-20.1.jar  
spectrum-server-transaction-core-20.1.jar
```

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 [2020.1.0 Updates](#) page.
6. Extract the contents of the ZIP file to a temporary location.
7. FTP the `cdq20201s11.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/cdq20201s11.tar.gz
```
10. Run the `SpectrumDirectory/server/bin/server.start` script to start the Spectrum Technology Platform server.
11. After you restart the server, reinstall the Administration Utility to update the Command Line Interface (CLI) on every machine where it is currently installed. Make sure that you replace or delete every 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 more information, see [Install the Administration Utility](#) in the *Spectrum Technology Platform version 2020.1.0 Administration Guide*.



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