



# Spectrum Technology Platform

Version 2020.1.S45

## Release Notes

This document contains information about Precisely Spectrum 2020.1 patch S45. 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 the users of the Discovery module.  It resolves an access issue faced by users trying to connect to a Model Store on Spectrum server using the modelstore driver, even though users have all the required permissions on that Model Store.
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<b>Is this update required?</b>	This product update is not mandatory.
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## Fixed Issues

This product update fixes a permission issue with the users of the Discovery module.

**(CDQE-94203)** Test Connection on Model Store (with modelstore driver) fails permission check for users, including administrative users having all the permissions.

## Installation

To install this product update you must have Precisely Spectrum 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 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. In a typical clustered configuration, use the following procedures for stopping and starting nodes in the cluster.

<b>Stopping nodes in a cluster</b>	Start the shutdown process with the highest node ID number, working back to the primary node. For example, in a cluster with three nodes, you would shut down #3, then #2, and finally #1. Ensure that each node in the sequence is completely stopped before stopping the next one.
<b>Starting nodes in a cluster</b>	Restart the primary node first, working up to the highest node ID. In a cluster with three nodes, you would start #1, then #2, then #3.

## Installing on Windows

**Note:** In this procedure, *SpectrumDirectory* is the folder where you have installed the Precisely Spectrum server (for example, C:\Program Files\Precisely\Spectrum)

1. Stop the Precisely Spectrum server.  
To stop the server, right-click the Precisely Spectrum icon in the Windows system tray and click **Stop Spectrum**.

2. Create a back-up and then delete this file or folder:

```
SpectrumDirectory\server\deploy\discovery-20.1.car
```

3. 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 Updates](#) page.
4. Extract the contents of the ZIP file to a temporary location.
5. Extract the contents of the resulting ZIP file (*cdq20201S45.zip*) to the folder where you installed Spectrum.  
Choose to overwrite the existing files.
6. Start the Precisely Spectrum server.

To start the server, right-click the Precisely Spectrum icon in the Windows system tray and click **Start Spectrum**.

**Note:** The server restart process may take longer than normal since as all indexes may need to be recreated and extra time is required to replicate the database across all nodes. Monitor your log file for index exceptions.

## Installing on Linux

**Note:** In this procedure, *SpectrumDirectory* is the directory where you have installed the Precisely Spectrum 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 Precisely Spectrum server.
3. Back up these files:  

```
SpectrumDirectory/server/deploy/discovery-20.1.car
```
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 Updates](#) page.
5. Extract the contents of the ZIP file to a temporary location.
6. FTP the *cdq20201S45.tar* file in binary mode to a temporary directory on the Precisely Spectrum machine.
7. Change to the directory where Precisely Spectrum is installed (*SpectrumDirectory*).
8. Untar the file using this command:  

```
tar -xvf TemporaryDirectory/cdq20201S45.tar
```
9. Run the *SpectrumDirectory/server/bin/server.start* script to start the Precisely Spectrum server.



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