

# Spectrum™ Technology Platform

Version 12.1 S04

# Spectrum™ Technology Platform Release Notes

This document contains information about Spectrum™ Technology Platform 12.1 S04. You have access only to the modules you have licensed. To evaluate any other modules, contact your Pitney Bowes account executive for a trial license key.

**Who should apply this update?** This product update is for users of the Spectrum™ Technology Platform 12.0 SP1 Data Hub Module.

**Is this update required?** This product update is not mandatory.

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## Fixed Issues

(CDQE-76391) Query in Data Hub Visualization is repeatedly executed on a database after a virtual entity is configured.

(CDQE-76368) Load Connected sometimes fails generating the following `wrapper.log` entries:

```
Java.sql.SQLRecoverableException: IO Error: Got minus one from a read call
```

```
    Warn [VirtualEntityTransversalBehavior] Exception occurred while  
executing query
```

## Data Hub Cluster Performance

(CDQE-61599) Data Hub performance in a cluster is slow due to reading of metadata.

## Installation

To install this product update you **must** have Spectrum™ Technology Platform 12.0 SP1 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](http://www.g1.com/support) posted on [www.g1.com/support](http://www.g1.com/support).

### *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 this release note. 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, *SpectrumLocation* refers to the folder where you have installed the Spectrum™ Technology Platform server.

1. Stop the Spectrum™ Technology Platform server. To stop the server, right-click the Spectrum™ Technology Platform icon in the Windows task bar and select **Stop Server**. Alternatively, you can use the Windows Services control panel and stop the Pitney Bowes Spectrum™ Technology Platform service.

2. Back up these files and folders to a different location:

```
SpectrumLocation\server\app\deploy\hub-12.1.car
```

3. Download the zip file containing the product update from [www.g1.com/support](http://www.g1.com/support).
4. Extract the contents of the zip file `cdq1210S04.zip` to the folder where you installed Spectrum. For example, `C:\Program Files\Pitney Bowes\Spectrum`.

**Note:** Choose to overwrite the existing files.

5. Start the Spectrum™ Technology Platform server. To start the server, right-click the Spectrum™ Technology Platform icon in the Windows task bar and select **Start Server**. Alternatively, you can use the Windows Services Control panel to start the Pitney Bowes Spectrum™ Technology Platform service.

## Installing on Unix or Linux

**Note:** In this procedure, *SpectrumLocation* refers to the directory where you have installed the Spectrum™ Technology Platform server.

1. Source the *SpectrumLocation*/server/bin/setup script.
2. Run the *SpectrumLocation*/server/bin/server.stop script to stop the Spectrum™ Technology Platform server.
3. Back up this folder to a different location:

```
SpectrumLocation\server\app\deploy\hub-12.1.car
```

4. Download the zip file containing the patch from [www.g1.com/support](http://www.g1.com/support) and extract the contents to a temporary location.
5. FTP the `cdq1210S04.tar` file in binary mode to a Spectrum Location on the Spectrum™ Technology Platform machine.
6. Change directory to the \$G1DCG directory.
7. Untar the file using this command:

```
tar -xvf SpectrumLocation/cdq1210S04.tar
```

8. Run the *SpectrumLocation*/server/bin/server.start script to start the Spectrum™ Technology Platform server.

9. Wait for the server to start. This message in the server log at *SpectrumLocation/server/app/repository/server.log* indicates a successful server start.

```
INFO [Server] Pitney Bowes Spectrum(TM) Technology Platform (Version  
version) Started
```



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