


# Deltek Costpoint® 8.1

## Deploying Pick/Choose Hot Fixes Guide

**December 4, 2023**



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This edition published December 2023.

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# Contents

Installation Overview .....	1
Installation Prerequisites .....	1
Versions .....	1
Deltek Software Manager (DSM) .....	1
DSM Requirements .....	1
DSM Documentation and Troubleshooting .....	2
Deploying Pick and Choose Hot Fixes .....	3
Download Hot Fixes .....	3
Copy Hot Fixes to Application Server .....	3
Stop Costpoint WebLogic Server .....	4
Deploy Hot Fixes .....	4
Run Link-Views, Rebuild User Menus, Verify Extensibility .....	5
Start Costpoint WebLogic Server .....	7
Appendix: If You Need Assistance .....	9
Customer Services .....	9
Deltek Support Center .....	9
Access Deltek Support Center .....	10

## Installation Overview

This document provides instructions for deploying Deltek Costpoint 8.1 individual pick and choose hot fixes. During this installation, you perform the following tasks:

- Download the hot fixes (Application, Library, Database Patch ZIPs).
- Copy the hot fix ZIPs to your Deltek Costpoint 8.1 application server.
- Stop Costpoint Windows Service(s).
- Deploy the hot fix ZIPs using Deltek Costpoint DBWizard.
- Run Link-Views using Deltek Costpoint DBWizard.
- Start Costpoint Windows Service(s).

**Note:** If you need help with this installation, please contact Deltek Costpoint Technical Support at 877.HLP.PROJ (877-457-7765).

## Installation Prerequisites

Before you deploy a Deltek Costpoint 8.1 individual pick and choose hot fix, check that you meet the following version and access requirements.

### Versions

Ensure that your system meets the following version requirements:

Item	Required Version
Costpoint WebLogic	12.2.1.4
Costpoint databases	8.1.22 or later
Time & Expense databases (if applicable)	8.1.22 or later
Planning databases (if applicable)	8.1.22 or later

## Deltek Software Manager (DSM)

You download software installations, installation instructions, technical guides, and release notes from Deltek Software Manager (DSM). You will also download future hot fixes and releases of Costpoint 8.1 from DSM.

DSM is the sole download source for hotfix files.

### DSM Requirements

You can run DSM from any desktop. You do not need to run DSM from Deltek application servers.

To run DSM, you must meet the following requirements:

- Windows XP or later

- Microsoft .NET Framework 3.5 SP1 (3.5.1)

The following Deltek Knowledge Base article contains a download link to the framework. It also has examples of what you may see if you do not have the framework installed:

[https://deltek.custhelp.com/app/answers/detail/a\\_id/52469](https://deltek.custhelp.com/app/answers/detail/a_id/52469)

**Tip:** To learn more about DSM and how it works, see the [DeltekSoftwareManager.pdf](#).

## DSM Documentation and Troubleshooting

For more information on Deltek Software Manager, use the following links:

- To view the online help for DSM, click [here](#).
- To view a tutorial on how to use DSM, click [here](#).
- To view information about troubleshooting DSM, click [here](#).

This link works only when you are logged in to Deltek Customer Care Connect.

# Deploying Pick and Choose Hot Fixes

This section provides instructions and recommendations for deploying the Deltek Costpoint 8.1 individual pick and choose hot fixes.

## Download Hot Fixes

This section provides instructions for downloading the Costpoint 8.1 individual pick and choose hot fixes using the Deltek Software Manager.

**To download hot fixes to your Costpoint 8.1 system:**

1. From your web browser, go to <https://dsm.deltek.com>.
2. Click **Run Deltek Software Manager**.
3. Log in using your Deltek Customer Care Connect credentials. The Deltek Software Manager screen displays.
4. On the left pane of the DSM screen, select **Costpoint » Costpoint 8.1 (GA) » HotFix**.
5. Select the **Release** checkbox to select all the hot fixes.

**Note:** To properly apply Pick and Choose Hot Fixes, the **csbatools.jar** hot fix must be downloaded and installed prior to installing any other Pick and Choose Hot Fixes. Anyone on an MR prior to MR 8.1.26 must apply this jar file manually (if on MR 8.1.26 or later this jar is not needed). The first step under *Deploy Hot Fixes* will provide the instructions.

6. Click **Download** at the bottom of the screen.
7. If the “Overwrite All Files” message displays, click **Yes**.  
The Download Progress screen displays, and the hot fixes are downloaded to your default download folder. (This is the same location where your installation programs were downloaded.)  
After the download is complete, a confirmation message displays indicating that all downloads were successfully completed.
8. Select whether you want to open the download folder or not.
9. On the Download Progress screen, click **Close**.
10. Exit from Deltek Software Manager.
11. Close the <https://dsm.deltek.com> web page.

## Copy Hot Fixes to Application Server

This section provides instructions for copying the Costpoint 8.1 individual pick and choose hot fixes to your Costpoint 8.1 WebLogic application server. You must perform this step on any machine that can access your DSM download folder and your Costpoint 8.1 WebLogic application server.

**To copy the hot fixes to your Costpoint 8.1 system:**

1. Using Windows Explorer, navigate to the **...|Costpoint\81\GA\HotFixes** folder under your DSM download folder.

2. Copy all the hot fixes in the **\\HotFixes** folder to your Costpoint 8.1 WebLogic application server's **C:\\Deltek\\Costpoint\\81\\cpupdates** folder.

## Stop Costpoint WebLogic Server

This section provides instructions for stopping your Costpoint 8.1 WebLogic Server.

You must perform this step on your Costpoint 8.1.x WebLogic **application** server and **any WebLogic server nodes**.

**To stop your Costpoint WebLogic Server(s):**

1. Click **Start » Administrative Tools » Services**.
2. On the Services window, scroll down the **Services** list and **Stop** the **Costpoint 8.1** service.
3. Close the Services window.

## Deploy Hot Fixes

This section provides instructions for applying the Costpoint 8.1 individual pick and choose hot fixes. You must perform this step on your Costpoint 8.1 WebLogic application server.

**To apply the hot fixes to your Costpoint 8.1 system:**

1. If you are running MR 8.1.26, or prior, you must perform the following:
  - Make a backup copy of your Costpoint 8.1 WebLogic application server's **C:\\Deltek\\Costpoint\\81\\lib\\csbatool.jar**.
  - Move the **csbatools.jar** you downloaded from DSM and copied earlier from your Costpoint 8.1 WebLogic application server's **C:\\Deltek\\Costpoint\\81\\cpupdates** folder to your Costpoint 8.1 WebLogic application server's **C:\\Deltek\\Costpoint\\81\\lib** folder.
2. Right-click **Start**, select **Search**, enter **Costpoint 8.1**, right-click **Start Costpoint 8.1 DBWizard**, and click **Run as administrator**.

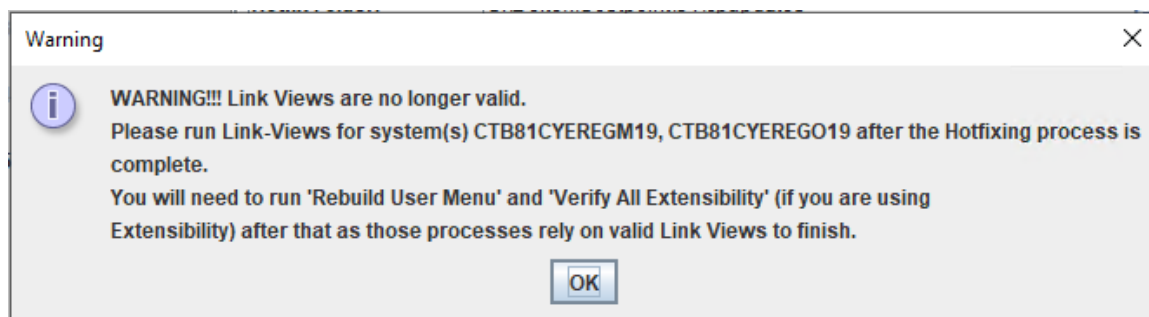
**Note:** Due to the enhanced security in Windows Server, it is advised to that you use the **Run as Administrator** option when launching this command even if you have local administrative rights.

3. On the Costpoint DB Wizard screen, select **Deploy Hotfix**, and click **Next**.
4. On the Select System screen, select your Costpoint 8.1 System Name, or if you have more than one System, click the **Apply to All** checkbox, and click **Next**.
5. On the Execution Settings screen, perform the following actions:

Field	Action
<b>Mode</b>	Select <b>Multiple</b> to apply more than one hot fix at a time, or select <b>Single</b> to apply an individual hot fix.
<b>Hotfix File</b>	If you selected <b>Single</b> mode, enter, or browse to the hot fix in <b>C:\\Deltek\\Costpoint\\81\\cpupdates</b> .

Field	Action
<b>Hotfix Folder</b>	If you selected <b>Multiple</b> mode, enter, or browse to <b>C:\Deltek\Costpoint\81\cpupdates</b> .
<b>Move Applied Files To</b>	Select this checkbox to have the hot fixes that you are applying, upon successful completion, automatically get moved from the folder you are applying from ( <b>C:\Deltek\Costpoint\81\cpupdates</b> ) to a folder location of your choosing. The default location is <b>C:\Deltek\Costpoint\81\cpupdates\AppliedHotfixes</b> .
<b>Silent Mode</b>	If you selected <b>Multiple</b> mode, select this checkbox so that you do not get prompted about reapplying each hot fix that has already been applied.

- Click **Next**.
- On the Select Modules screen, select **All**, and then click **Next**.
- On the Summary screen, click **Run** to begin applying the hot fixes.
- If, after successfully applying the hot fixes, the following message displays:



Click **OK**, and proceed to the *Run Link-Views, Rebuild User Menus, Verify Extensibility* section to perform those steps.

- If no "WARNING!!! Link Views are no longer valid." message displays, click **OK** and proceed to the *Start Costpoint WebLogic Server* section.

## Run Link-Views, Rebuild User Menus, Verify Extensibility

This section provides instructions for running Link-Views. You must perform this step on your Costpoint 8.1 WebLogic application server.

**Note:** You may skip this section if the DB Wizard Deploy hot fix does not display a warning that these steps were required (see message above).

### To run link-views:

- On the Costpoint DBWizard screen, select **Link-View**, and click **Next**.
- On the System screen, select your Costpoint system name, that is, **DELTEKCP**, from the drop-down list.



**Note:** You must repeat this run link-views section for each of your Costpoint Systems.

3. Click **Next**.
4. On the Enter Passwords screen, complete the following fields.

Field Name	Action
<b>DBA User</b>	Accept the default value, <b>SYSTEM /SA</b> .
<b>Password</b>	Enter your Oracle SYSTEM or Microsoft SQL Server SA user password.

5. Click **Next**.
6. On the Create Link-View screen, perform one of the following options
  - Locate the **Log file** field accept the default value, **C:\Costpoint\Deltek\81\logs\linkView.log**, or
  - Click the ellipsis button and complete the following fields.

Field Name	Action
<b>File Name</b>	Enter a log file name.
<b>Files of Type</b>	Accept the default of Select LOG file or folder (*.log).

7. Click **Select**, and then click **Run**.
8. Click **Yes** if the following message displays:  
 "Link User "CPLINK\_USER" does not exist on <Server\_Name>. Do you want the Database Wizard to create "CPLINK\_USER" now?"
9. If the Creation Link User screen displays, complete the following applicable fields.

Field Name	Action
<b>User Name</b>	Accept the default value, <b>CPLINK_USER</b> .
<b>Default Tablespace</b>	Select a tablespace from the drop-down list. The default is <b>COSTPOINT_DATA</b> .
<b>Temporary Tablespace</b>	Select a temporary tablespace from the drop-down list. The default is <b>TEMP</b> .
<b>TEMPDB</b>	Accept the default value of your Admin schema, <b>CPADMIN</b> .
<b>Enforce SQL Server Password Complexity</b>	Clear this check box.

10. Click **OK**.  
 After the process completes, the following message displays: "Process completed without errors."
11. Click **OK**, and then click **Cancel**.

**Note:** You must repeat this run link-views section for each of your Costpoint Systems.

**To rebuild user menus:**

1. On the Costpoint DB Wizard screen, select **Rebuild User Menus**, and click **Next**.
2. On the System screen, select your Costpoint system name, that is, **DELTEKCP**, from the drop-down list.

**Note:** You must repeat this rebuild user menus section for each of your Costpoint Systems.

3. Click **Next**.
4. On the Run Rebuild User Menu screen, select a log file. The default is C:\Deltek\costpoint\81\logs\rebuildmenus\_YYYY\_MM\_DD\_\_HH\_MM.log.
5. Click **Next**.
6. Click **Run**.  
After the process completes, the following message displays: "Rebuild User Menu process completed successfully."
7. Click **OK**, and then click **Previous**.

**Note:** You must repeat this rebuild user menus section for each of your Costpoint Systems.

8. Once you have run for all Systems, click **Cancel**.

**To verify extensibility:**

1. On the Costpoint DB Wizard screen, select **Verify All Extensibility**, and click **Next**.
2. On the System screen, select your Costpoint system name, that is, **DELTEKCP**, from the drop-down list.

**Note:** You must repeat this verify extensibility section for each of your Costpoint Systems.

3. Click **Next**.
4. On the Confirmation screen, click **Run**.  
After the process completes, the following message displays: "The process completed without errors."
5. Click **OK**, and then click **Cancel**.

**Note:** You must repeat this verify extensibility section for each of your Costpoint Systems.

6. On the Costpoint DBWizard screen, once you have run for all Systems, click **Exit**.

## Start Costpoint WebLogic Server

This section provides instructions for starting your Costpoint 8.1 WebLogic Server.

You must perform this step on your Costpoint 8.1.x WebLogic **application** server and **any WebLogic server nodes**.

**To start your Costpoint WebLogic Server(s):**

1. Click **Start » Administrative Tools » Services**.
2. On the Services window, scroll down the **Services** list and **Start** the **Costpoint 8.1** service.
3. Close the Services window.

## Appendix: If You Need Assistance

If you need assistance installing, implementing, or using Deltek Costpoint, Deltek makes a wealth of information and expertise readily available to you.

### Customer Services

For over 30 years, Deltek has maintained close relationships with client firms, helping with their problems, listening to their needs, and getting to know their individual business environments. A full range of customer services has grown out of this close contact, including the following:

- Extensive self-support options through the Deltek Support Center.
- Phone and email support from Customer Care analysts
- Technical services
- Consulting services
- Custom programming
- Classroom, on-site, and web-based training

**Attention:** Find out more about these and other services from the Deltek Support Center.

### Deltek Support Center

The Deltek Support Center is a support website for Deltek customers who purchase an Ongoing Support Plan (OSP).

The following are some of the many options that the Deltek Support Center provides:

- Search for product documentation, such as release notes, install guides, technical information, online help topics, and white papers
- Ask questions, exchange ideas, and share knowledge with other Deltek customers through the Deltek Support Center Community
- Access Cloud-specific documents and forums
- Download the latest versions of your Deltek products
- Search Deltek's knowledge base
- Submit a support case and check on its progress
- Transfer requested files to a Customer Care analyst
- Subscribe to Deltek communications about your products and services
- Receive alerts of new Deltek releases and hot fixes
- Initiate a Chat to submit a question to a Customer Care analyst online

**Attention:** For more information regarding Deltek Support Center, refer to the online help available from the website.

## Access Deltek Support Center

To access the Deltek Support Center:

1. Go to <https://deltek.custhelp.com>.
2. Enter your Deltek Support Center **Username** and **Password**.
3. Click **Login**.

**Note:** If you forget your username or password, you can click the **Need Help?** button on the login screen for help.



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