



Deltek

Deltek Costpoint®

WebLogic 12.2.1.4 Upgrade Installation
Guide

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Installation Overview

This document provides instructions for downloading and deploying the Deltek Costpoint WebLogic 12.2.1.4 upgrade.

This installation upgrades your WebLogic from version 12.1.3 or 12.2.1.3 to 12.2.1.4.

Note: Deltek Costpoint 8.0 requires WebLogic 12.2.1.4. However, Deltek Costpoint 7.1 only supports WebLogic 12.1.3 or WebLogic 12.2.1.3. Therefore, this upgrade **must** happen as part of your upgrade to Deltek Costpoint 8.0.

Installation Package Contents

The Costpoint WebLogic 12.2.1.4 installation package contains the following:

- Costpoint WebLogic 12.2.1.4 Upgrade installer
- Deltek Costpoint WebLogic 12.2.1.4 Upgrade Installation Guide

Installation Prerequisites

The following prerequisites must be met before upgrading to WebLogic 12.2.1.4:

- Your Costpoint databases must be at version 7.1.x.
- **DeltekCostpointMaintenanceRelease_7.1.2.1014.exe** or later must be installed.

Internet Information

Software corrections and enhancements (hot fixes) are available for download from the Deltek Software Manager (DSM). DSM is the only location where hot fix files can be downloaded. Deltek Knowledge Base articles explain if the fixes still exist, but they will contain links to DSM for retrieval of the actual files.

Deltek Software Manager Requirements

DSM can be run from any desktop; you do not need to run DSM on Deltek application servers.

To run DSM, your system must meet the following requirements:

- Windows XP or later
- Microsoft .NET Framework 3.5 (SP1)
 - The Deltek Knowledge Base article below contains a link to the download location for the framework and examples of what you may see if you do not have the framework installed:
https://deltek.custhelp.com/app/answers/detail/a_id/52469
 - Refer to the **DeltekSoftwareManager.pdf** to learn more about DSM and how it works.

To connect to the Deltek Software Manager:

1. From Internet Explorer, go to <https://dsm.deltek.com>.
2. Click **Run Deltek Software Manager**.
3. Log in using your Deltek Customer Care Connect credentials.

To view Knowledge Base articles, complete the following steps:

1. From Internet Explorer, go to <http://www.deltek.com>.
2. Click **Support » Customer Care Connect Site** on the navigation bar at the top of the screen.



3. On the Deltek Customer Care Connect screen, perform the following actions:

Field	Action
Username	Enter your Support user name.
Password	Enter your Support user's password.

4. Click the **Login** button.

Note: If you have forgotten your user name or password, under the **Account Information** section, click the **Click Here** button under Account Assistance.

- If you have forgotten your user name, enter your email address and click the **Email My Username** button.
- If you have forgotten your password, enter your user name and click the **Reset My Password** button.

5. On the Customer Care Connect Home Page screen, under Support Resources, click the **Knowledge Center** link, and perform the following actions:

Field	Action
Refine by Product	Select Costpoint from the drop-down list.
Refine by Category/Version	Expand the Service Pack / Hot Fix from the drop-down list and then select 8.0 .
Search Type	Leave as Phrases or select your preferred search option from the drop-down list.
Search by Keyword	Enter the specific text that you seek, or leave the field blank to return all records for this version.

6. Click the **Search** button.
7. When the search results display, perform the following actions:
 - In the **Summary** column, click the link for the desired correction.
 - When the desired correction loads, scroll down to the bottom of the article and click the **here** link under the **Download** section to download the files.

WebLogic Upgrade Installation

This step provides instructions for running the Costpoint WebLogic 12.2.1.4 Upgrade installer. You must perform this step on your Costpoint 8.0 WebLogic application server and any Costpoint 8.0 WebLogic application server nodes.

Costpoint 7.1.x runs on WebLogic 12.1.3 or WebLogic 12.2.1.3. Costpoint 8.0.x runs on WebLogic 12.2.1.4. You must upgrade WebLogic to 12.2.1.4 before you can upgrade to Costpoint 8.0.

Warning: If you have created and configured a Custom Identity and/or a Custom Trust Keystore on any of your WebLogic Nodes, please make sure to back up your keystores before beginning the WebLogic upgrade. Following the upgrade, you will need to configure WebLogic and reference the new location of your keystores.

To upgrade WebLogic, complete the following steps:

1. In Windows, click **Start » Administrative Tools » Services**.
2. On the Services screen, scroll down the **Services** list and **Stop** the **Costpoint 7.1** service.
3. Close the Services window.
4. Run the **DeltekCostpointWebLogic12214Upgrade_Buildxx.exe** file to launch the Costpoint WebLogic 12.2.1.4 Upgrade installation program. On the Welcome to the Deltek Costpoint WebLogic 12.2.1.4 upgrade wizard screen, click **Next >**.

Note: Due to enhanced security, it is advised that you use the **Run as Administrator** option when launching installation files, even if you are logged in as a user with local administrative rights.

5. On the Setup Type screen, complete the following fields:

Field Name	Action
Primary Application Server Tier	Select this option if Costpoint is installed in a non-clustered environment or if this is your Primary Application Server Tier in a clustered environment.
Secondary Application Server Tier	This option must only be selected when running a clustered environment after your Primary Application Server Tier has already had the upgrade installed.

6. Click **Next >**.
7. On the Choose Oracle WebLogic Installation Directory screen, click **Browse** to navigate to the location for your Oracle WebLogic software. The default is **C:\Oracle\Middleware12.2.1.4** (recommended).
8. Click **Next >**.

If the Setup Type you selected is **Secondary Application Server Tier**, then the Pre-Installation Summary screen displays. Proceed to Step 11 of this procedure.

9. On the Choose Deltek Costpoint Installation Directory screen, navigate to the location of your Costpoint 7.1.x software. The installer will read the registry to determine your default directory, i.e., **C:\Deltek** (recommended).
10. Click **Next >**.
11. If **DeltekCostpointMaintenanceRelease_7.1.2.1014.exe**, or later, has not been applied, the following message(s) will display:



Click **OK**, install **DeltekCostpointMaintenanceRelease_7.1.2.1014.exe** or later, and restart this installation.

12. On the Pre-Installation Summary screen, review the installation parameters you have selected:
 - If you want to change any settings, click **< Back** to go back and make the necessary changes.
 - If you are satisfied with these settings, click **Apply >** to begin the installation.

Once initiated, the installation process can take a long time to complete. Do not interrupt the process. A Windows Command Prompt will also appear on your screen that displays the scripts that are being executed.

The installation process will stop if any errors are encountered. If any errors occur during the installation, contact Deltek Costpoint Technical Support.

13. Upon completion, the following message(s) will display:



Click **OK**.

14. On the InstallShield Wizard Complete screen, select the **Yes, I want to view the log file** check box to open the **CostpointWeblogic12214Upgrade_<date>_<time>.log** file from the C:\Oracle\Middleware12.2.1.4 directory. This check box is selected by default.
15. Click **Finish** to exit the installation.
16. When the **DeltekCostpointWeblogic12214Upgrade_<date>_<time>.log** file opens, search for the following keyword:
 - **“Error”** — Report any search results to Deltek Costpoint Technical Support.

If you are running a WebLogic cluster, you must repeat this step for all of your WebLogic servers. Running once on your Cluster master, select **Primary Application Server Tier** for the **Setup Type**, and on each of your cluster nodes, select **Secondary Application Server Tier** for the **Setup Type**.

Warning: The installation of WebLogic 12.2.1.4 resets the WebLogic **system** user and any other WebLogic user passwords to their original values (which for the **system** user is 'weblogic'). If your password for the WebLogic **system** user or any other WebLogic users had been changed, in accordance with **DeltekCostpoint80PostInstallationHardeningGuide.pdf**, those passwords needs to be reset on your WebLogic server by logging into the WebLogic Console and updating those applicable user passwords.

Note: Refer to the *Deltek Costpoint 80 Configuration Utility* technical guide for more information on WebLogic clustering.

Install and Configure Costpoint 7.1 Windows Service

The steps to install and configure the Costpoint 7.1 Windows service are detailed in this section. These steps must be performed on your Costpoint 7.1 WebLogic application server.

To install and configure Costpoint to run as a Windows service:

1. Use Windows Explorer to navigate to the directory where the Costpoint 7.1 software was installed (C:\Deltek\Costpoint\71\bin). Right-click on **InstallCPWebasService.cmd** and select **Run as administrator**.
2. Click **Start » Administrative Tools » Services**.
3. On the Services window, scroll down the **Services** drop-down list, right-click the **Costpoint 7.1** service, and click **Properties** on the shortcut menu.

If you cannot find the **Costpoint 7.1** service, then the service must not have installed properly in the previous step. Repeat Step 1 of this procedure.

4. On the Costpoint 7.1 Properties screen, click the Recovery tab, and complete the following:

Field Name	Action
First failure	Change the drop-down selection from Take No Action to Restart the Service .
Second failure	Accept the default value, Take No Action .
Subsequent failures	Accept the default value, Take No Action .
Reset fail count after	Change the value from 0 to 1 days.
Restart service after	Accept the default value, 1 minute.

5. Click **Apply**.
6. On the Costpoint Properties screen, click the Log On tab and complete the following:

Field Name	Action
Account	Enter the domain account. For example, domain\useraccountname. If you are using a domain service login account instead of the "Local System Account," select This Account .
Password	Enter the password for the domain account.
Confirm Password	Re-enter your password for the domain account.

7. Click **Apply**. Make sure that the login account for the Costpoint Service is in the local Administrators group on the Application Tier server and is part of the local security group created by the Application Tier installer, CostpointToolsGroup.

Also keep in mind that this login account must be given full access permissions for any Alternate File locations setup (network shared directories). Alternate File locations are used for Costpoint users for uploading and downloading files from within Costpoint.

8. Click **OK** to close the Costpoint Properties screen, and close the Services window.

Note: No need to Start the Costpoint service; the next step will need it Stopped.

Apply Latest Deltek Costpoint 8.0.x Maintenance Release

After you have successfully upgraded to WebLogic 12.2.1.4, follow the **DeltekCostpoint80MaintenanceReleaseInstallation.pdf** installation document to install the latest Costpoint 8.0.x Maintenance Release (MR).

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