



Deltek

Deltek Costpoint®

Shop Floor Time

WebLogic 12.2.1.4 Patch  
Installation Guide

**February 3, 2026**

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## Installation Overview

This document provides instructions for downloading and deploying the latest Oracle WebLogic security patch (for Costpoint SFT). This installation will have you apply the latest WebLogic patch to each of your WebLogic servers.

Deltek has been working on a solution to address the ongoing Oracle Critical Patches for WebLogic Server (WLS) 12.2.1.4. Oracle typically releases updates every quarter. Deltek will post these to DSM under Costpoint SFT 2.1 once we have fully tested them in-house.

These are generic instructions for the January 2026 WLS 12.2.1.4 Stack Patch Bundle (former Critical Patch Updates) and future Updates. Deltek will be posting the new Oracle WLS jar on DSM soon after Oracle does their release, and we will do a quick check so that concerned clients can quickly patch their environments.

## Installation Package Contents

The installation package contains the following:

- WebLogic patch ZIP file(s)
- Deltek Costpoint SFT WebLogic 12.2.1.4 Patch Installation Guide

## Installation Prerequisites


The following prerequisites must be met before applying the latest WebLogic patch:

- Costpoint SFT 2.1 or SFT 2.1.1 must be installed.
- WebLogic version 12.2.1.4 must be installed.

## Adding Custom Notes to This Guide

If you would like to add custom notes to this guide that are specific to your company, Adobe® Reader® X provides this ability. If you do not already use Adobe Reader X, you can download it [here](#) free from Adobe.

### To add a custom note using Adobe Reader X:

1. On the Reader toolbar, click **Comment** at the far right.
2. In the **Annotations** pane that displays, click  **Sticky Note**. The cursor changes to match the button.
3. Position the cursor at the location in the guide where you want the note to appear, and click. A note icon is inserted at the location and a text box pops up.
4. Enter your information in the text box.
5. Continue adding notes as needed.
6. Save the document.

**Note:** Deltek recommends that you save the document to a slightly different filename so as to keep the original from being overwritten.

When reading the document, cursor over a note icon to see the information. Double-click a note icon to edit the information.

# Downloading Deltek Products using Deltek Software Manager

You can use Deltek Software Manager (DSM) to download complete Deltek products, hot fixes, cumulative updates, and sub-releases. You can access DSM through the Deltek Support Center or use Deltek Software Manager Lite to download Deltek products.

## Accessing DSM from within the Deltek Support Center

To access DSM from within the Deltek Support Center:

1. In your web browser, go to <https://deltek.custhelp.com>.
2. Enter your Deltek Support Center **Username** and **Password**, and click **Login**.
3. When the Deltek Support Center page displays, click **Product Downloads**.
4. On the Deltek Software Manager screen, click **Launch Deltek Software Manager**.
5. Click **Settings** at the top right of the dialog box to use the Settings dialog box to specify the folder where you want to download Deltek products, and click **OK**.

**Note:** When you log on for the first time, DSM asks you to select a default folder where Deltek products are to be downloaded.

You can change this folder anytime in the Settings dialog box.

6. In the left pane, expand the Deltek product that you want to download, if it is not already expanded.
7. Select the product type that you want to download.

Options include:

- **Complete**
- **Cumulative Updates**
- **HotFixes**
- **Sub-Release**

8. In the table, select the checkbox that corresponds to the Deltek product that you want to download.

The right pane displays a message stating that the product has been added to the download queue.

**Note:** To view the items in the download queue, click **View Download Queue** at the bottom of the left pane.

9. Click **Download** at the bottom of the left pane to download the product to the folder that you selected.

## Accessing DSM Lite

### To access Deltek Software Manager Lite:

1. In your web browser, go to <https://dsm.deltek.com/DeltekSoftwareManagerLite>.
2. Enter your Deltek Support Center **Username** and **Password**, and click **Logon**.
3. When the Deltek Software Manager Lite page displays, select a product from the drop-down list.
4. Click the product type that you want to download.

**Note:** The download behavior and download folder may differ depending on the browser and browser settings that you are using.

## DSM Documentation and Troubleshooting

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

**Note:** When you click a link, you will be asked to log into DSM if you aren't already logged in.

## WebLogic 12.2.1.4 Patch Installation

This step provides instructions for applying the latest WebLogic 12.2.1.4 patch. You must perform this step on your Costpoint SFT 2.1/2.1.1 WebLogic 12.2.1.4 application server and any Costpoint SFT 2.1/2.1.1 WebLogic 12.2.1.4 application server nodes.

**Warning:** If you are running a WebLogic 12.2.1.4 cluster, you must repeat ALL of these steps on each of your WebLogic 12.2.1.4 servers.

### To patch WebLogic 12.2.1.4

1. Download the latest WL Stack Patch Bundle (SPB) from DSM:
  - **pXXXXXXXX\_122140\_Generic.zip** (latest WL 12.2.1.4 generic stack patch bundle, i.e., p38820898\_122140\_Generic.zip)
2. Delete all contents from **C:\Oracle\Middleware12.2.1.4\patches** folder.
3. Copy download ZIPs to **C:\Oracle\Middleware12.2.1.4\patches** folder.

**Note:** If you are using a **patches** folder outside of your **Oracle\Middleware12.2.1.4** folder this **patches** folder must be on the same drive (i.e., C:/) as your **Oracle\Middleware12.2.1.4** folder.

4. On Windows, click **Start » Administrative Tools » Services**.
5. On the Services screen, scroll down the **Services** list and **Stop** the **wlsvc CostpointSFT\_AdminServer** service.
6. Close the Services window.
7. Open a DOS CMD window in ADMIN mode and navigate to the **C:\Oracle\Middleware12.2.1.4\patches** folder.
8. Unzip the latest generic WebLogic 12.2.1.4 SPB file by running the following command, where C:\Java\jdk1.8.0\_311 is pointing to your JDK folder and C:\Oracle\Middleware12.2.1.4 is pointing to your WebLogic installation folder. Clients should NOT use WinZip to perform this step as path generated is too long:
 

```
C:\Java\jdk1.8.0_311\bin\jar -xvf pXXXXXXXX_122140_Generic.zip
(i.e., C:\Java\jdk1.8.0_311\bin\jar -xvf p38820898_122140_Generic.zip)
```
9. Unzip the ORACLE OPATCH by running the following commands, where C:\Java\jdk1.8.0\_311 is pointing to your JDK folder and C:\Oracle\Middleware12.2.1.4 is pointing to your WebLogic installation folder. Clients should NOT use WinZip to perform this step as path generated is too long:
 

```
cd C:\Oracle\Middleware12.2.1.4\Patches\WLS_SPB_12.2.1.4.260106\tools\opatch\generic
C:\Java\jdk1.8.0_311\bin\jar -xvf p28186730_1394222_Generic.zip
```
10. To install the latest ORACLE OPATCH, open a DOS CMD window in ADMIN mode and run the following commands, where C:\Java\jdk1.8.0\_311 is pointing to your JDK folder and C:\Oracle\Middleware12.2.1.4 is pointing to your WebLogic installation folder:
 

```
cd C:\Oracle\Middleware12.2.1.4\Patches\WLS_SPB_12.2.1.4.260106\tools\opatch\generic\6880880
C:\Java\jdk1.8.0_311\bin\java -jar opatch_generic.jar -skipACLSetting -silent
oracle_home=C:\Oracle\Middleware12.2.1.4
```

If the previously installed WL SPB is the same OPatch, you will see a message similar to this:

**All of feature sets selected for installation and their components have already been installed for the distribution OPatch 13.9.4.2.10 in the home directory C:\Oracle\Middleware12.2.1.4**

**The log(s) can be found here: C:\Users\BuildmasterGC\AppData\Local\Temp\Orainstall2022-11-15\_04-31-36PM.**

**Press Enter to exit**

11. Successful completion of the OPATCH installation will show this near the bottom of the DOS CMD window:

**The install operation completed successfully.**

12. To install the latest security patches, open a DOS CMD window in ADMIN mode and run the following commands, where C:\Java\jdk1.8.0\_311 is pointing to your JDK folder and C:\Oracle\Middleware12.2.1.4 is pointing to your WebLogic installation folder (and C:\Oracle\Middleware12.2.1.4\patches\WLS\_SPB\_12.2.1.4.240710 is the folder from one of the previous steps that the unzip command created):

```
cd C:\Oracle\Middleware12.2.1.4\patches\WLS_SPB_12.2.1.4.260106\binary_patches
set ORACLE_HOME=C:\Oracle\Middleware12.2.1.4
%ORACLE_HOME%\OPatch\opatch rollback -id 32720458 -silent -jdk C:\Java\jdk1.8.0_311
```

**Note:** Ignore the **Argument(s) Error... Patch not present in the Oracle Home, Rollback cannot proceed... OPatch failed with error code = 135**, this means you've already rolled this patch back.

```
%ORACLE_HOME%\OPatch\opatch napply -oh %ORACLE_HOME% -phBaseFile windows64_patchlist.txt -silent
```

13. Successful completion will show this near the bottom of the DOS CMD window:

**Patches 1221428, 38447255, 38665131, 38669934, 38759265, 38792523, 38820920 successfully applied.**

14. This warning message can be ignored:

**OPatch completed with warnings.**

15. Close the DOS command window.

16. On Windows, click **Start » Administrative Tools » Services**.

17. On the Services screen, scroll down the **Services** list and **Start** the **wlsvc CostpointSFT\_AdminServer** service.

18. Close the Services window.

**Note:** To determine the WebLogic CPU currently installed, perform the following:

```
set ORACLE_HOME=C:\Oracle\Middleware12.2.1.4
C:\Oracle\Middleware12.2.1.4\OPatch\opatch lsinv -jdk C:\Java\jdk1.8.0_311
```

**Warning:** If you are running a WebLogic 12.2.1.4 cluster, you must repeat ALL of these steps on each of your WebLogic 12.2.1.4 servers.

## 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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