

Deltek Costpoint®

WebLogic Patch Installation Guide

November 3, 2016

While Deltek has attempted to verify that the information in this document is accurate and complete, some typographical or technical errors may exist. The recipient of this document is solely responsible for all decisions relating to or use of the information provided herein.

The information contained in this publication is effective as of the publication date below and is subject to change without notice.

This publication contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be reproduced or transmitted in any form or by any means, electronic or mechanical, or translated into another language, without the prior written consent of Deltek, Inc.

This edition published November 2016.

© Deltek, Inc.

Deltek's software is also protected by copyright law and constitutes valuable confidential and proprietary information of Deltek, Inc. and its licensors. The Deltek software, and all related documentation, is provided for use only in accordance with the terms of the license agreement. Unauthorized reproduction or distribution of the program or any portion thereof could result in severe civil or criminal penalties.

All trademarks are the property of their respective owners.

Contents

- Installation Overview 1
 - Installation Package Contents..... 1
 - Installation Prerequisites 1
 - Internet Information 1
- WebLogic Patch Installation 4

Installation Overview

This document provides instructions for downloading and deploying the latest Oracle WebLogic security patch (for Costpoint). 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) 12.1.3. Oracle typically releases updates every quarter and we will be releasing subsequently in an upcoming Framework Installer once a full regression test is complete. Depending on the complexity of the changes Deltek will try to test/certify the patch within 90 days. We recommend you wait for Deltek to complete internal testing of all changes provided by Oracle and release the changes via a Framework Installer update on DSM but are providing instructions for deploying these changes in advance of Deltek releasing the fully tested changes.

These are generic instructions for the October 2016 WLS 12.1.3 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. Deltek will later be providing the same updates via the Costpoint Framework Installer updates which are typically released in conjunction with a future scheduled System Jar.

Clients who choose not to wait for Deltek to officially release these changes via the Costpoint Framework Installer update do so at their own risk.

Installation Package Contents

The installation package contains the following:

- WebLogic patch ZIP file
- Deltek Costpoint WebLogic Patch Installation Guide

Installation Prerequisites

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

- Your Costpoint databases must be at version 7.0.1 or 7.1.1.
- WebLogic version 12.1.3 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. In other words, it does not have to be run on Deltek application servers. In order 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 download location for the framework. It also contains some examples of what you may see if you do not have the framework installed:

https://deltek.custhelp.com/app/answers/detail/a_id/52469

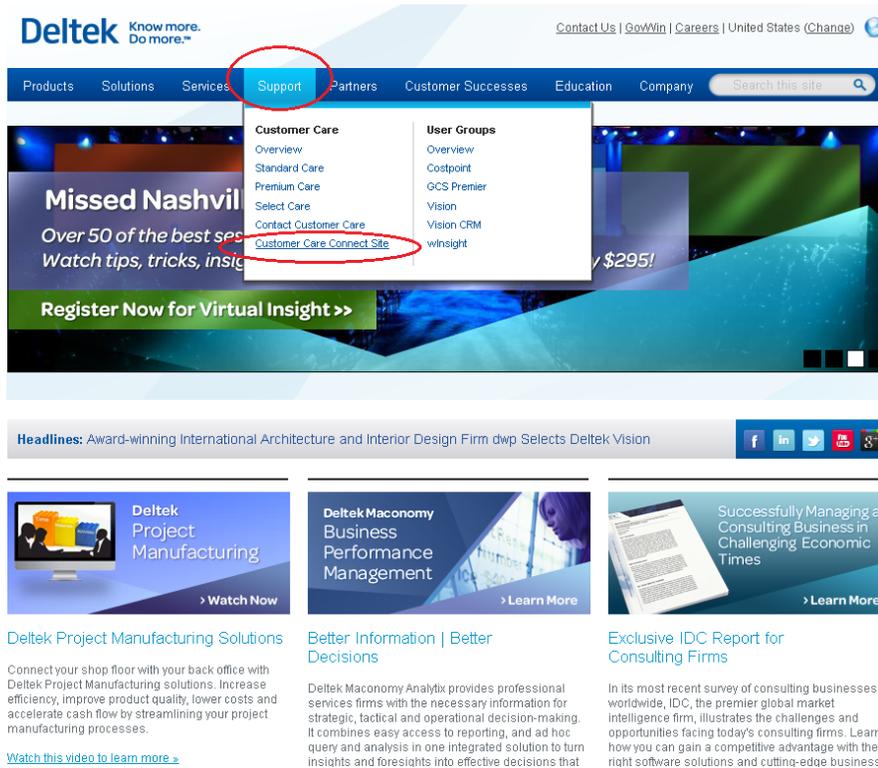
- Refer to the **DeltekSoftwareManager.pdf** to learn more about DSM and how it works.

To connect to the Deltek Software Manager, complete the following steps:

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.



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 Service Pack / Hot Fix from the drop-down list, and depending on your version, select 7.1.1 or 7.0.1 .
Search Type	Leave as Phrases or select your preferred search option from the drop-down list.
Search by Keyword	Enter the specific text you are looking for 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 Patch Installation

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



If you are running a WebLogic cluster, you must repeat [ALL](#) of these steps on [each](#) of your WebLogic servers.

To patch WebLogic, complete the following steps:

1. Download latest patch file **pXXXXXX_121300_Generic.zip** (i.e., p23744018_121300_Generic.zip) from DSM.
2. Copy download ZIP to **C:\Oracle\Middleware12.1.3\patches** folder.
3. Open a DOS CMD window and navigate to the C:\Oracle\Middleware12.1.3\patches folder.
4. Unzipped the file by running the following command, where C:\Oracle\jdk1.8.0_74 is pointing to your JDK folder and C:\Oracle\Middleware12.1.3 is pointing to your WebLogic installation folder. Clients should NOT use WinZip to perform this step as path generated is too long.:

```
C:\Oracle\jdk1.8.0_74\bin\jar -xvf pXXXXXXXX_121300_Generic.zip
```

```
(i.e., C:\Oracle\jdk1.8.0_74\bin\jar -xvf p23744018_121300_Generic.zip)
```

5. On Windows, click **Start » Administrative Tools » Services**.
6. On the Services screen, scroll down the **Services** list and **Stop** the **Costpoint 7.1.1/Costpoint 7.0.1** service.
7. Close the Services window.
8. Open a DOS CMD window and run the following commands to install the patch, where C:\Oracle\jdk1.8.0_74 is pointing to your JDK folder and C:\Oracle\Middleware12.1.3 is pointing to your WebLogic installation folder and C:\Oracle\Middleware12.1.3\patches\23744018 is the folder from the previous step that the unzip command created:

```
set ORACLE_HOME=C:\Oracle\Middleware12.1.3
```

```
cd C:\Oracle\Middleware12.1.3\patches\23744018
```

```
C:\Oracle\Middleware12.1.3\OPatch\opatch apply -jdk C:\Oracle\jdk1.8.0_74
```

Follow the prompts.

9. On Windows, click **Start » Administrative Tools » Services**.
10. On the Services screen, scroll down the **Services** list and **Start** the **Costpoint 7.1.1/Costpoint 7.0.1** service.
11. Close the Services window.



If you are running a WebLogic cluster, you must repeat [ALL](#) of these steps on [each](#) of your WebLogic servers.



Deltek is the leading global provider of enterprise software and information solutions for government contractors, professional services firms and other project- and people-based businesses. For decades, we have delivered actionable insight that empowers our customers to unlock their business potential. 20,000 organizations and millions of users in over 80 countries around the world rely on Deltek to research and identify opportunities, win new business, recruit and develop talent, optimize resources, streamline operations and deliver more profitable projects. Deltek – Know more. Do more.®

deltek.com