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Obtaining and Applying Patches for Oracle WebLogic Server 9.*x* and Later

Table of Contents

Overview **1**
Accessing Patches from Oracle Support **1**
Preparing Your Patches for Installation **4**
Using the Oracle Smart Update Tool to Install Your Patches **5**

Overview

Effective June 10, 2011, Oracle no longer supports **downloading** patches and update installers through the Smart Update tool. (Smart Update is still used, however, to install the patches.) See the Oracle document "WebLogic Net Installers and Downloading of Patches via Smart Update to Be Decommissioned [ID 1294294.1]," available at **support.oracle.com/CSP/main/article?cmd=show&type=NOT&doctype=ANNOUNCEMENT&id=1294294.1**.

You must download patches directly from the Oracle Support site (support.oracle.com). You can use the same account credentials that you used with Smart Update to log on to this Web site. To download and install WebLogic Server patches, follow the instructions in the sections below. For more information about downloading WebLogic Server patches, see also the Oracle document "Master Note: How to Locate and Download Patches for WebLogic Server Using My Oracle Support [ID 1302053.1]," available at **support.oracle.com/CSP/main/article?cmd=show&type=NOT&doctype=REFERENCE&id=1302053.1**.

Note: Access to the two Oracle documents referenced above also requires your Oracle support account credentials.

To determine which patches you need for your version of WebLogic Server, see the appropriate "Oracle WebLogic Server Support" document for your SAS® software release:

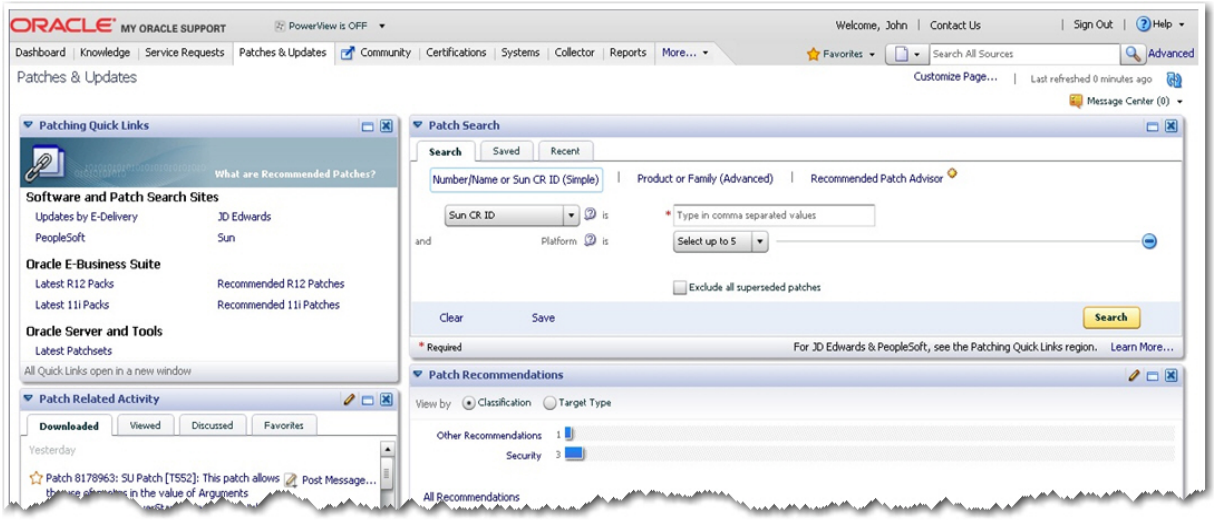
- **SAS 9.3 (TS3M0):**
  support.sas.com/resources/thirdpartysupport/v93/appservers/weblogicsw.html
- **SAS 9.2 (TS2M3):**
  support.sas.com/resources/thirdpartysupport/v92m3/appservers/weblogicsw.html
- **SAS 9.2 (TS2M2):**
  support.sas.com/resources/thirdpartysupport/v92m2/appservers/weblogicsw.html
- **SAS 9.2 (TS2M0):**
  support.sas.com/resources/thirdpartysupport/v92/appservers/weblogicsw.html

Accessing Patches from Oracle Support

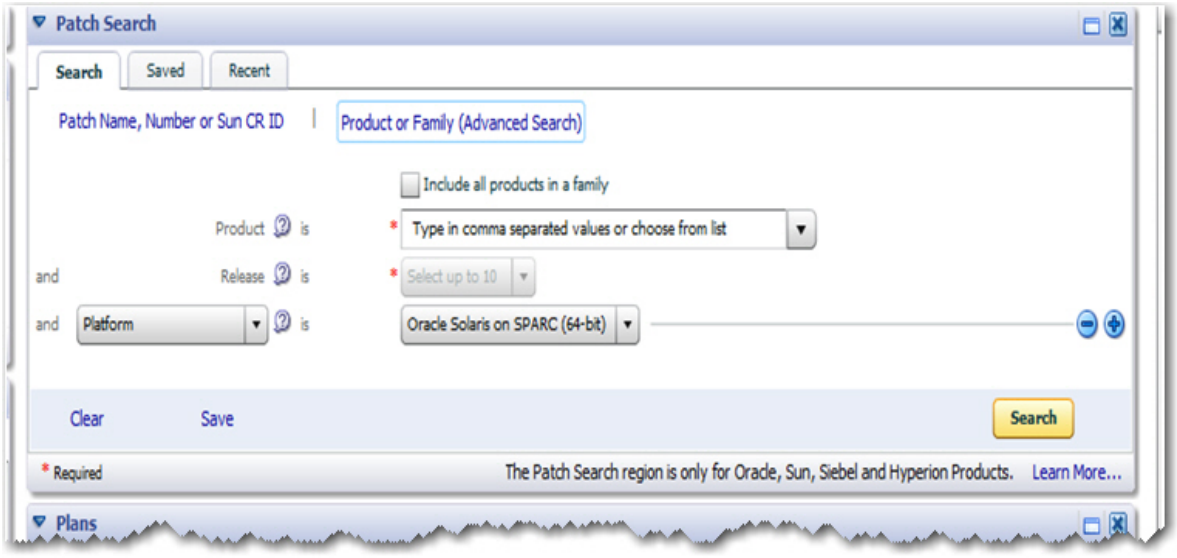
Oracle no longer maintains the concept of Private versus Public patches. All patches are public, and you can obtain them without a passcode as long as you have access to Oracle support

To access the patches:

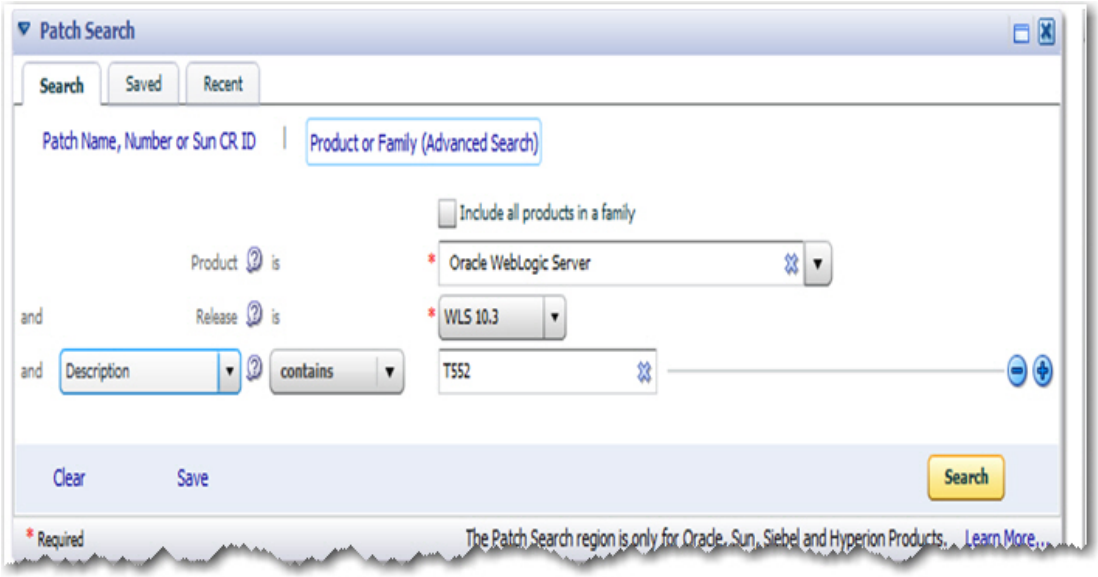
1. Log on to the Oracle support site.
2. On the Dashboard, select the **Patches** & **Updates** tab.



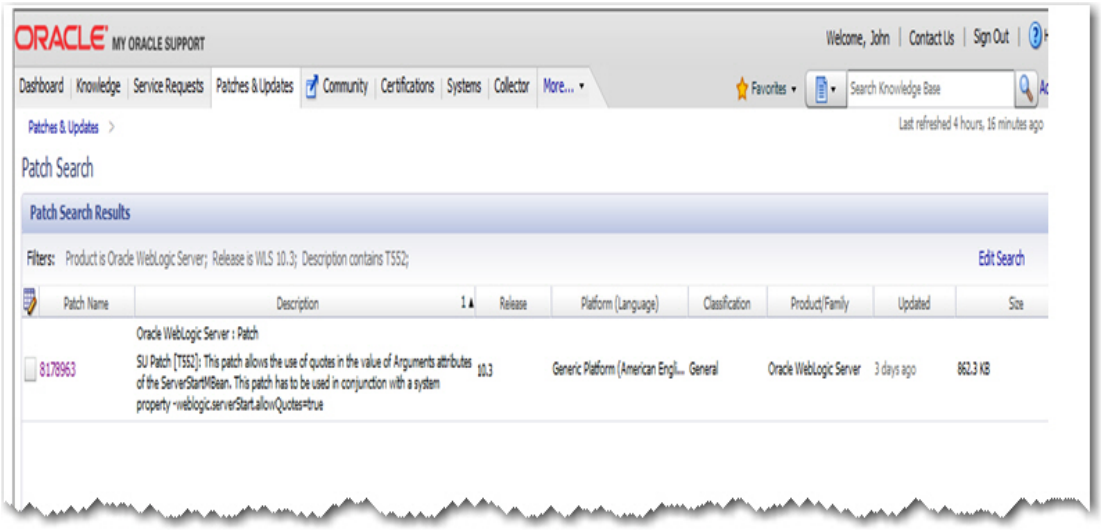
3. Locate the **`Patch Search`** panel, as shown below, and select **`Product or Family (Advanced Search)`**.



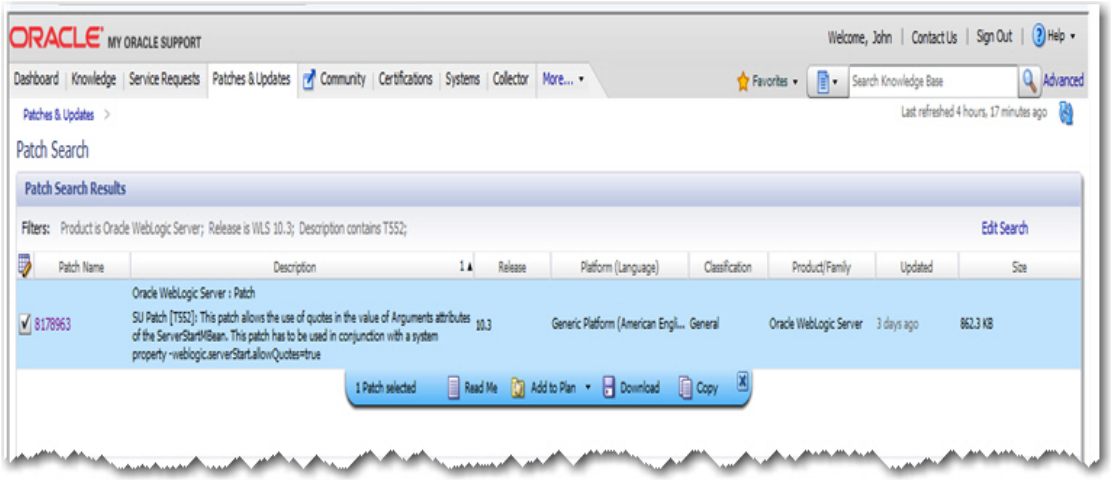
4. Enter the following values for the search criteria:
   - For **`Product`** list, select **`Oracle WebLogic Server`**.
   - For **`Release`**, select the appropriate version of WebLogic.
   - For the final search item (by default, this item is **`Platform`**), choose **`Description`** and enter the patch identifier number.



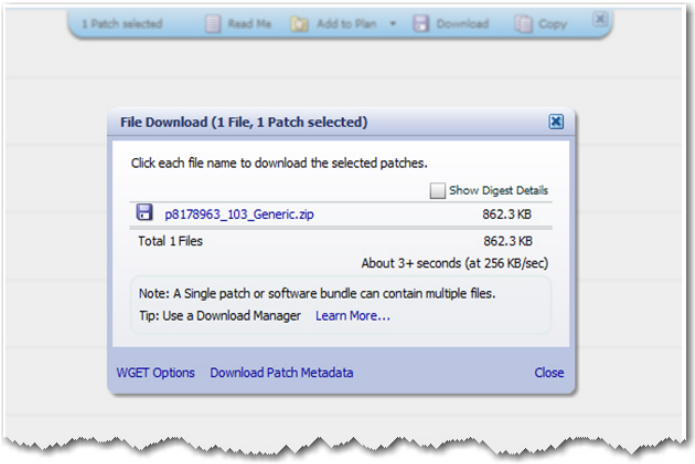
5. Click the **`Search`** button to display the search results.



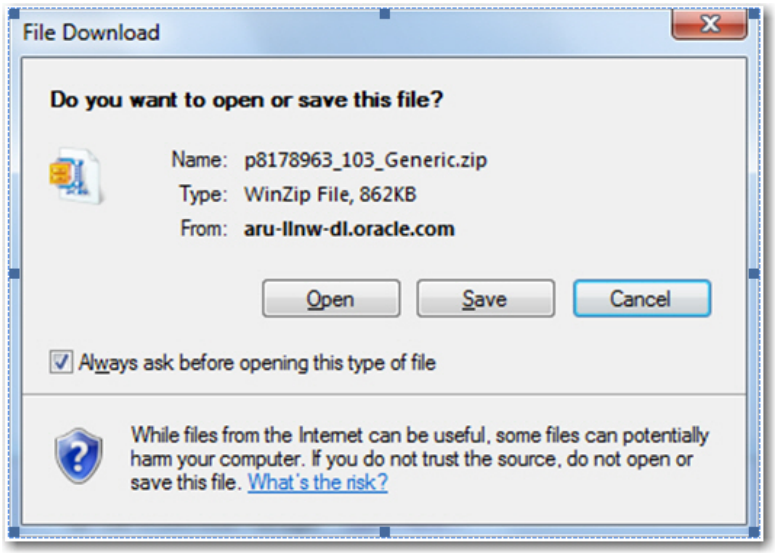
6. Select the check box that appears to the left of the patch number.



7. Click **`Download`** to start the downloading process. In the File Download dialog box that appears, double-click the zip file that appears in the dialog box.



You are prompted to either open or save the zip file. Save the file as instructed.



8. Close the File Download dialog box after the file is saved.

If you need more patches, select the **`Edit Search`** link in the **`Patch Search Results`** panel to locate the additional patches.

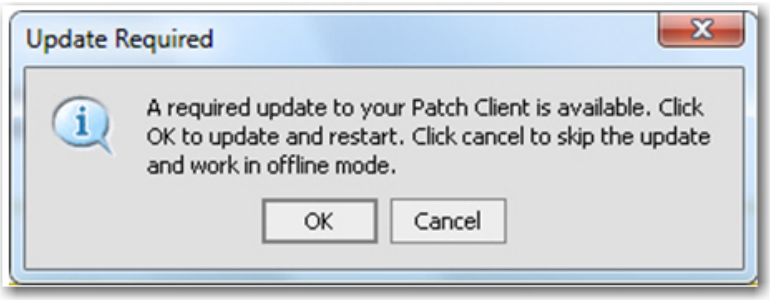
Preparing Your Patches for Installation

1. Open the zip file for each patch that you download. In each zip file, you should see the following three files:
   - patch.jar
   - README.txt
   - patch-catalog_*XXXXX*.xml
2. Navigate to the ***`MW_HOME`*`/utils/bsu/cache_dir`** directory. (***`MW_HOME`*** is also known as ***`BEA_HOME`***.)
3. Copy the patch.jar and the patch-catalog_*XXXXX*.xml files into the cache directory. **Note:** For patch-catalog_*XXXXX*.xml, *XXXXX* represents the patch catalog number.

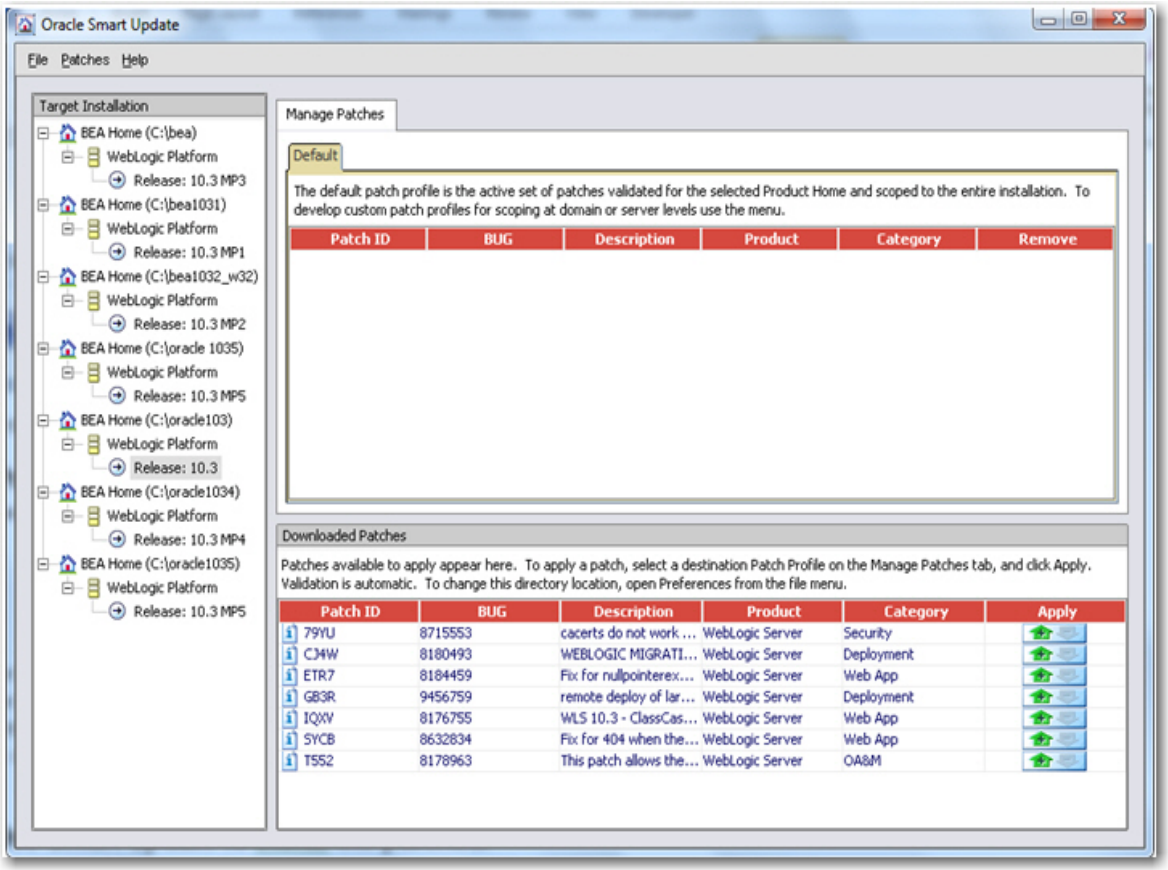
   Notes:
   - If you are installing multiple patches, you might find that each one contains the same patch.jar file.
   - Although the patch-catalog_*XXXXX* file has an .xml extension, it is, in fact, a binary file. Therefore, if you use FTP to transfer these files to another machine, be sure to make the transfer in binary mode.

Using the Oracle Smart Update Tool to Install Your Patches

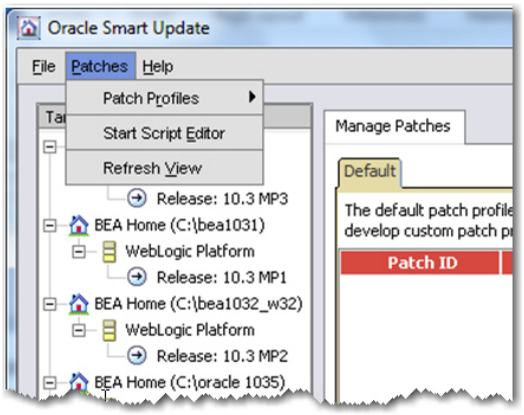
1. Run the Oracle Smart Update too. The first time you run Smart Update after June 10, 2011, the following dialog box appears:



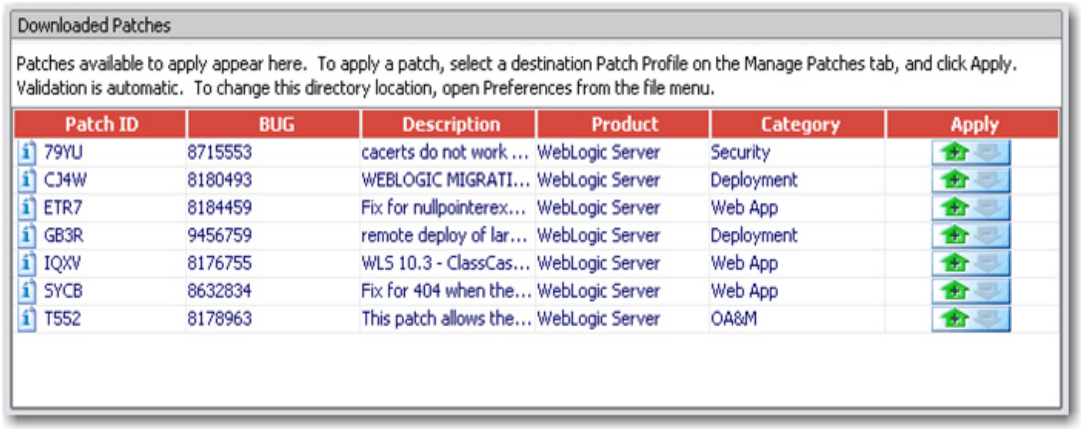
2. Click **OK** to update the tool to version 3.3.0.0. This new version does not prompt you for logon credentials. If you have already placed all of the new patches in the cache directory, the Oracle Smart Update window shows all of your downloaded patches that are ready to install, as shown in the following display:



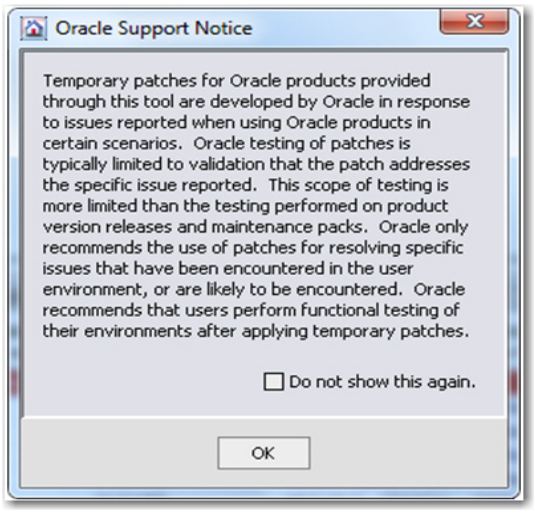
If you place patches into your cache directory *after* starting Smart Update, you can see them by selecting **Patches ► Refresh View**.



3. To install each patch, click the green arrow in the **`Apply`** column for each patch.

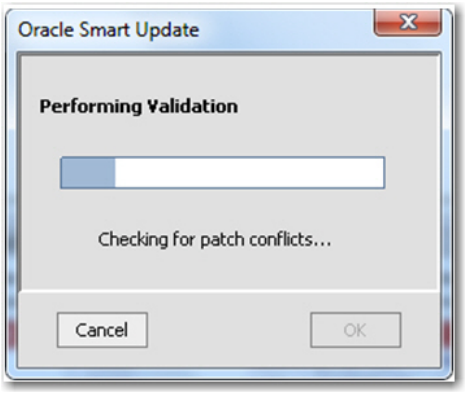


When you click the first arrow, the following message appears:

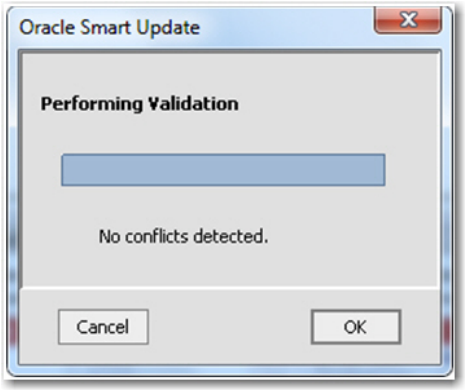


To avoid seeing this message for each arrow that you click, select the check box next to **`Do not show this again`**.

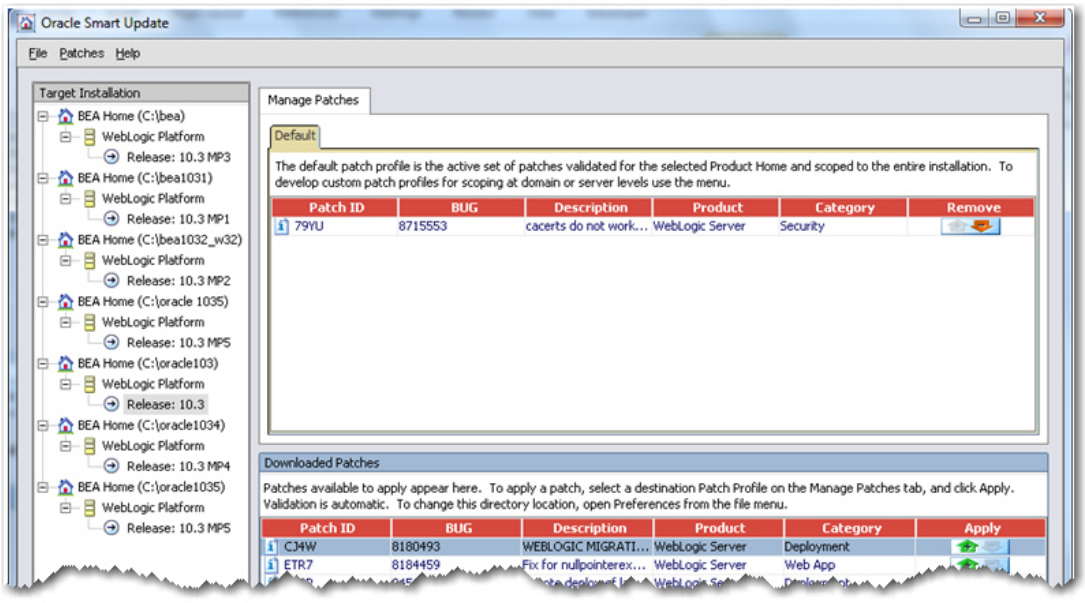
The Smart Update tool validates each patch. The tool's dialog box displays a progression monitor that enables you to see when the validation is complete.



4. When the patch is validated, select **OK** to close the dialog box.



The newly installed patch then appears in the **Manage Patches** panel of the Oracle Smart Update window, as shown in the following display:



5. Repeat steps 1-3 for each patch that you want to install.

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