

Oracle® Retail Clearance Optimization Engine

Release Notes

Release 13.4.1

May 2013

Welcome to Oracle Retail Clearance Optimization Engine (COE) Release 13.4.1. This document highlights the enhancements and fixed defects in this release. It includes the following sections:

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Note: Installation media files for an Enterprise release (13.x) are available on the *Oracle Software Delivery Cloud* Web site (<http://edelivery.oracle.com>) and Patch releases (13.4.x) and Hot Fixes (13.4.x.y) are available on the *My Oracle Support* Web site (<https://support.oracle.com>).

About Patch Releases

Oracle Retail patch releases are periodic releases that can include the following:

- New defect fixes and product enhancements

Documentation for patch releases includes the following:

- New and updated guides (for example, operations and user guides) that apply to the patch release level. These documents include all updates made since the last patch release. Documents revised for this patch release supersede and replace all previous document versions.
- Defect reports for new fixes and enhancements for the patch release.

See the *Oracle Retail Clearance Optimization Engine Installation Guide* for Release 13.4 for instructions about how to apply the defect fixes and enhancements that you have not already applied.

Hardware and Software Requirements

For more information on the hardware and software requirements, see the *Oracle Retail Clearance Optimization Engine Installation Guide* for Release 13.4.

Applying the Patch Release

Before applying the COE 13.4.1 patch release, be sure that:

- COE 13.4 has been installed.

Before applying the new files over your code:

- Note whether any modules have been customized. If so, the customizations must be reapplied to the new version of the module, or the fix may need to be applied to the custom version of the code.
- Copy the original files (config_root) to a different directory before upgrading to COE 13.4.1.

COE Build Identifiers

Table 1 COE Build Identifiers

Component Name	Version Number
COE 13.4.1	RGBUMDOCOE_13.4.1.0_GENERIC_130503.0027
Framework 3.5.3	RGBUMPOFRAMEWORK_3.5.3.0_GENERIC_130422.0535
Installer 3.5.3	RGBUMPOINSTALLER_3.5.3.0_GENERIC_130502.2129
Suite 3.5.3	RGBUMPOSUITE_3.5.3.0_GENERIC_130502.2124
Engine 5.6.6	RGBUMPOCALCENGINEPKG_5.6.6.0_GENERIC_121126.0031
APC-MDO 13.4	RGBUAPCMDO_13.4.0.0_GENERIC_121016.0136

Upgrading to Clearance Optimization Engine

For more information on upgrading to Clearance Optimization Engine Release 13.4.1, refer to the *Oracle Retail Clearance Optimization Engine Installation Guide* for Release 13.4.

Noteworthy Defect Fixes

The following noteworthy defects are fixed in this release:

Defect	Description
16690140	Group description is not displayed.
16584526	The MERCHANDISE_DESC column in the MERCHANDISE_HIERARCHY_TBL table is not updated.

Known Issues

The COE Web service can be enabled with security (digital signatures and encryption). It uses the WebLogic WS-Policy files for enabling message-level security.

Due to a known issue in WebLogic Release 10.3.5, the WebLogic console page that lets you associate WS-Policy files to a Web service is broken if the Oracle Web service Security Manager (OWSM) is not installed in the Middleware home. OWSM is part of SOA Suite and is not required for the COE application. COE Web service only uses WebLogic WS-Security.

The following section describes the workaround to associate the WS-Policy files to COE Web service security.

Note: You must follow the COE Installation Guide and WebLogic documentation to complete the rest of the steps for enabling security for COE Web service including:

- Enabling and configuring WebLogic security providers
 - Authentication provider
 - Mapping credential
-
-

Workaround to Associate a WS-Policy file with COE Web Service

This workaround relates to a deployment plan for the COE application, Price, that defines what policy files to associate with the COE web service operations.

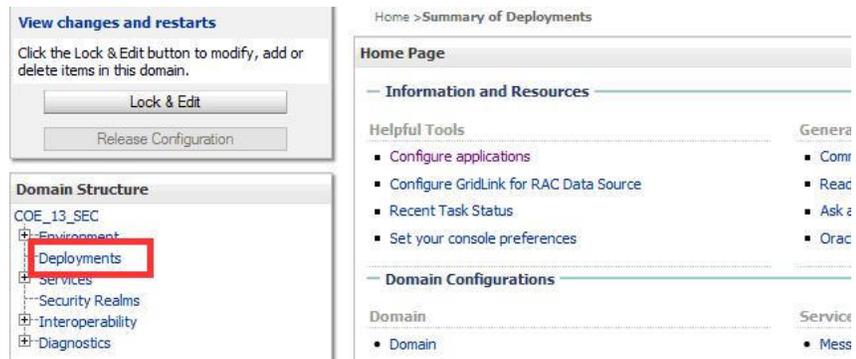
This deployment plan (plan.xml) associates the following:

- WS-Policy Encrypt.xml and Sign.xml to the COE Web service ClearanceOptimizationServiceSoapHttpPort for both Inbound and Outbound.
- WS-Policy Auth.xml to the COE web service ClearanceOptimizationServiceSoapHttpPort for Inbound messages for both getForecast and getVersion operations.

The following procedure explains the process of applying this workaround:

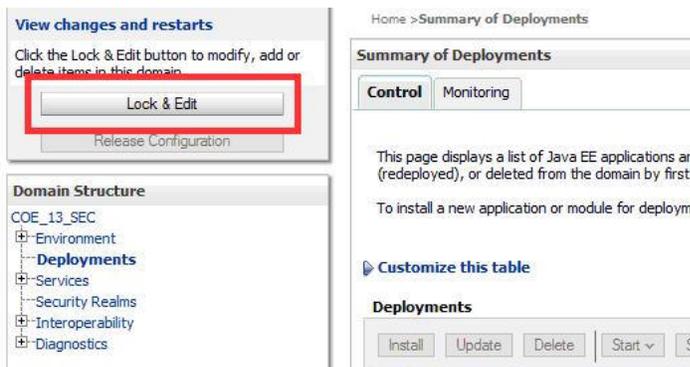
1. Ensure that the COE application is installed.
2. Create a new XML file. See [Sample XML Text](#) for the contents of the XML file.
3. Save the XML file to the location where the WebLogic server is installed for COE, on the Server.
4. Log into the WebLogic admin console.
5. On the Summary of Deployments screen, click **Deployments** in the Domain Structure section.

Figure 1 Summary of Deployments > Domain Structure > Deployments



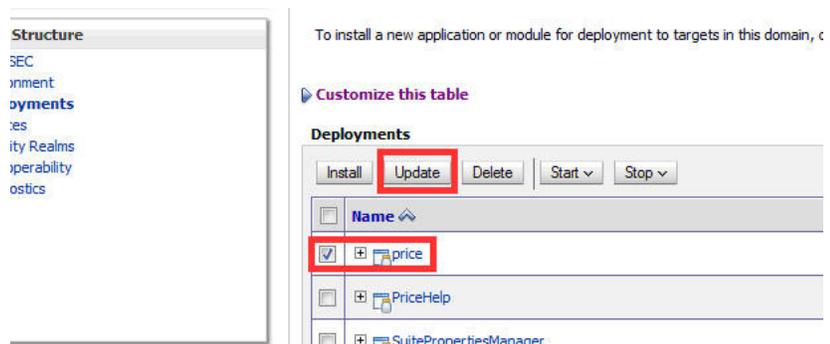
6. Under View changes and restarts, click **Lock & Edit** to modify the domain.

Figure 2 Summary of Deployments > View changes and restarts > Lock & Edit



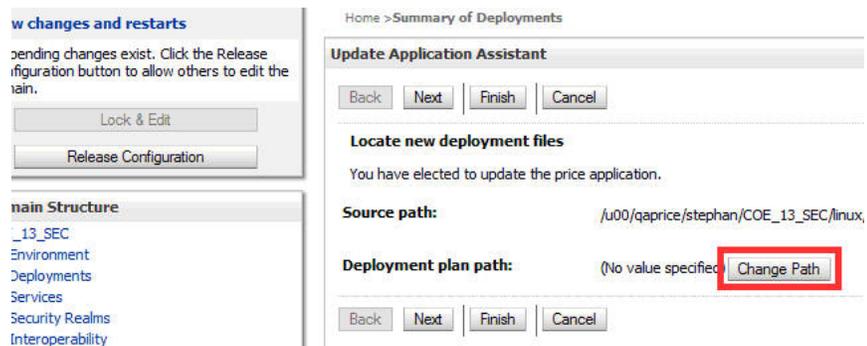
7. In the Deployments section, select the check box for the deployment "price", and click **Update**.

Figure 3 Summary of Deployments > Customize this table



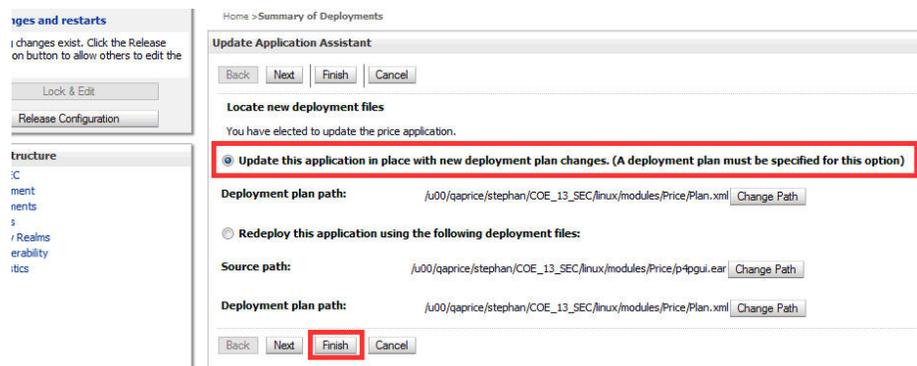
8. In the Update Application Assistant section, click **Change Path** in the Deployment plan path section.

Figure 4 Summary of Deployments > Update Application Assistant



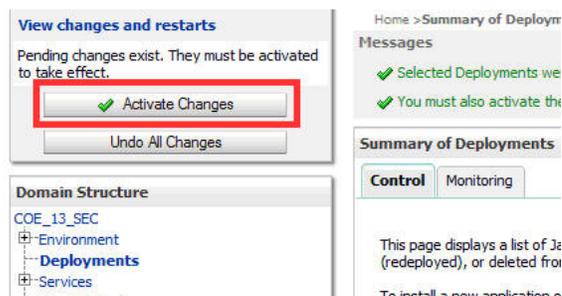
9. Navigate to the location where the XML file has been saved. Refer to step 3 for the location.
10. Select the XML file, and click **Next**.
11. In the Locate new deployment files section, select **Update this application in place with new deployment plan changes** and click **Finish**.

Figure 5 Summary of Deployments > Update Application Assistant



12. In the View changes and restarts section, click **Activate Changes** to release the domain from Lock & Edit mode. Restart the server, if needed.

Figure 6 Summary of Deployments > Activate Changes



Example 1 Sample XML Text

```
<?xml version='1.0' encoding='UTF-8'?>
<deployment-plan xmlns="http://xmlns.oracle.com/weblogic/deployment-plan"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://xmlns.oracle.com/weblogic/deployment-plan
http://xmlns.oracle.com/weblogic/deployment-plan/1.0/deployment-plan.xsd">
  <application-name>Price</application-name>
  <variable-definition>
    <variable>
      <name>WsPolicy_policy:Encrypt.xml</name>
      <value>both</value>
    </variable>
    <variable>
      <name>WsPolicy_policy:Sign.xml</name>
      <value>both</value>
    </variable>
    <variable>
      <name>WsPolicy_policy:Auth.xml</name>
      <value>inbound</value>
    </variable>
    <variable>
      <name>WsPolicy_policy:Auth.xml</name>
      <value>inbound</value>
    </variable>
  </variable-definition>
  <module-override>
    <module-name>p4pgui.ear</module-name>
    <module-type>ear</module-type>
    <module-descriptor external="false">
      <root-element>weblogic-application</root-element>
      <uri>META-INF/weblogic-application.xml</uri>
    </module-descriptor>
    <module-descriptor external="false">
      <root-element>application</root-element>
      <uri>META-INF/application.xml</uri>
    </module-descriptor>
    <module-descriptor external="true">
      <root-element>wldf-resource</root-element>
      <uri>META-INF/weblogic-diagnostics.xml</uri>
    </module-descriptor>
  </module-override>
  <module-override>
    <module-name>p4pgui.war</module-name>
    <module-type>war</module-type>
    <module-descriptor external="false">
      <root-element>weblogic-web-app</root-element>
      <uri>WEB-INF/weblogic.xml</uri>
    </module-descriptor>
    <module-descriptor external="false">
      <root-element>web-app</root-element>
      <uri>WEB-INF/web.xml</uri>
    </module-descriptor>
  </module-override>
  <module-override>
    <module-name>ClearanceOptimizationService_v3.war</module-name>
    <module-type>war</module-type>
    <module-descriptor external="false">
      <root-element>weblogic-web-app</root-element>
      <uri>WEB-INF/weblogic.xml</uri>
    </module-descriptor>
  </module-override>
</deployment-plan>
```

```

</module-descriptor>
<module-descriptor external="false">
  <root-element>web-app</root-element>
  <uri>WEB-INF/web.xml</uri>
</module-descriptor>
<module-descriptor external="false">
  <root-element>weblogic-webservices</root-element>
  <uri>WEB-INF/weblogic-webservices.xml</uri>
</module-descriptor>
<module-descriptor external="false">
  <root-element>webservices</root-element>
  <uri>WEB-INF/webservices.xml</uri>
</module-descriptor>
<module-descriptor external="false">
  <root-element>webservice-policy-ref</root-element>
  <uri>WEB-INF/weblogic-webservices-policy.xml</uri>
  <variable-assignment>
    <name>WsPolicy_policy:Encrypt.xml</name>

<xpath>/webservice-policy-ref/port-policy/[port-name="ClearanceOptimizationService
SoapHttpPort"]/ws-policy/[uri="policy:Encrypt.xml"]/direction</xpath>
  </variable-assignment>
  <variable-assignment>
    <name>WsPolicy_policy:Sign.xml</name>

<xpath>/webservice-policy-ref/port-policy/[port-name="ClearanceOptimizationService
SoapHttpPort"]/ws-policy/[uri="policy:Sign.xml"]/direction</xpath>
  </variable-assignment>
  <variable-assignment>
    <name>WsPolicy_policy:Auth.xml</name>

<xpath>/webservice-policy-ref/operation-policy/[operation-name="getForecast",servi
ce-link="ClearanceOptimizationServiceSoapHttpPort"]/ws-policy/[uri="policy:Auth.xml
1"]/direction</xpath>
  </variable-assignment>
  <variable-assignment>
    <name>WsPolicy_policy:Auth.xml</name>

<xpath>/webservice-policy-ref/operation-policy/[operation-name="getVersion",servic
e-link="ClearanceOptimizationServiceSoapHttpPort"]/ws-policy/[uri="policy:Auth.xml
"]/direction</xpath>
  </variable-assignment>
</module-descriptor>
</module-override>
</deployment-plan>

```

Documentation Accessibility

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Oracle® Retail Clearance Optimization Engine Release Notes, Release 13.4.1

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