

Oracle® Fusion Middleware

Oracle Cloud Adapters Postinstallation Configuration Guide

12.1.3

E63651-01

May 2015

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Preface

Oracle Cloud Adapters Postinstallation Configuration Guide describes how to configure the Oracle Cloud adapters after completing patch installation.

Topics:

- [Audience](#)
- [Documentation Accessibility](#)
- [Related Resources](#)
- [Conventions](#)

Audience

Oracle Cloud Adapters Postinstallation Configuration Guide is intended for users who need to configure the Oracle Cloud adapters after completing the patch installation.

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc>.

Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

Related Resources

For more information, see these Oracle resources:

- *Using Oracle RightNow Cloud Adapter*
- *Using Oracle Sales Cloud Adapter*
- *Using Oracle Eloqua Cloud Adapter*
- *Using Oracle HCM Cloud Adapter*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.

Convention	Meaning
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Deploying the Oracle Cloud Adapter EAR File and Configuring CSF Settings

Perform the following Oracle Cloud Adapter EAR file deployment and CSF map and CSF key configuration tasks.

Topics

- [Deploying the cloudsdk.ear File from the Oracle WebLogic Server Administration Console](#)
- [Granting Permissions to Access the Credentials Store](#)
- [Creating the CSF Map in Oracle Enterprise Manager Fusion Middleware Control](#)
- [Creating the CSF Key for the Eloqua Cloud Adapter in Oracle Enterprise Manager Fusion Middleware Control](#)
- [Creating the CSF Key for Other Cloud Adapters in Oracle Enterprise Manager Fusion Middleware Control](#)

Deploying the cloudsdk.ear File from the Oracle WebLogic Server Administration Console

You must deploy the `c1oudsdk.ear` file after installing the cloud adapter patches.

1. Find the `c1oudsdk.ear` file, which is located within the Oracle home directory structure after adapter patch installation.
2. Log in to Oracle WebLogic Server Administration Console.
3. Under **Domain Structure**, select **Deployments**.
4. Click **Install**, then browse for and select the `c1oudsdk.ear` file to deploy.
5. Click **Next**.
6. Click **Next** again and select the target servers.
7. Click **Finish**.
8. Restart the server(s).

Granting Permissions to Access the Credentials Store

You must grant permissions to access the credentials store. This task only needs to be performed once for any Oracle Weblogic Server domain.

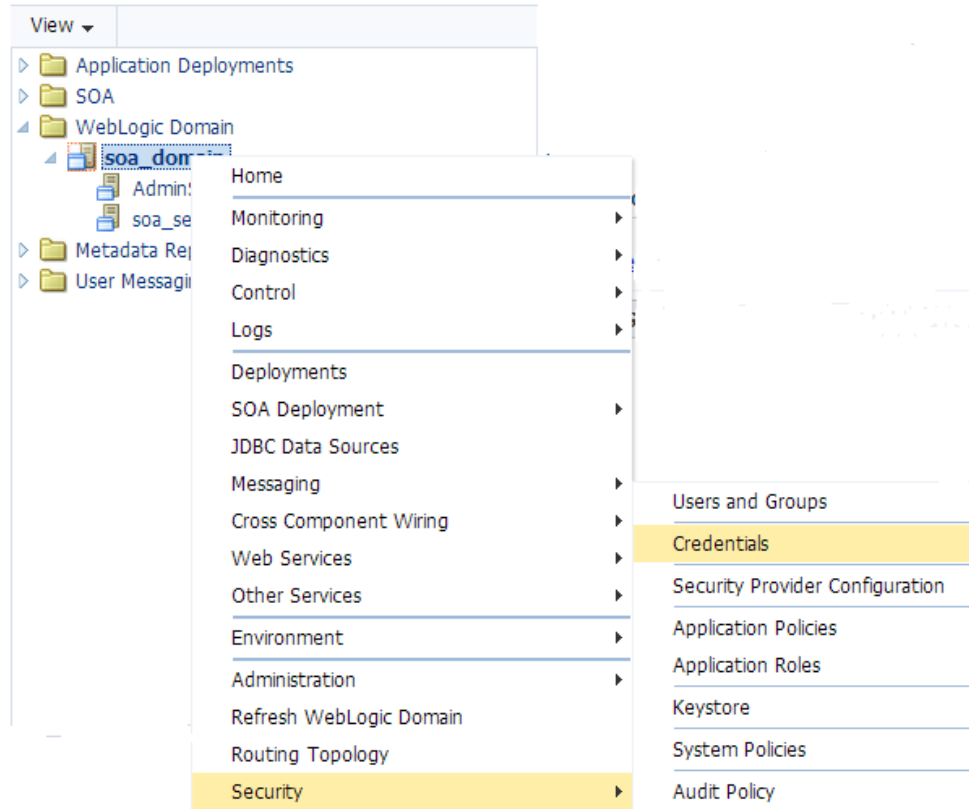
1. Log in to Oracle Enterprise Manager Fusion Middleware Control.
2. In the navigator, expand **Weblogic Domain**.
3. Right-click the domain you want to modify and select **Security > System Policies** to display the System Policies page.
4. Expand **Search**.
5. For **Type**, select **Codebase**.
6. For **Name Includes**, enter `jca` and click the **Search** button.
7. Select `jca-binding-api.jar` in the results that are displayed, and click **Edit**.
8. On the Edit System Grant page, click **Add**.
9. On the Add Permission page, click **Select here to enter details for a new permission** and enter the following details for a new permission:
 - **Permission Class:**
`oracle.security.jps.service.credstore.CredentialAccessPermission`
 - **Resource Name:**
`context=SYSTEM,mapName=oracle.wsm.security,keyName=*`
 - **Permission Action:** *
10. Click **OK** to save the new permission.

Creating the CSF Map in Oracle Enterprise Manager Fusion Middleware Control

You must create the CSF map and configure the CSF key in Oracle Enterprise Manager Fusion Middleware Control before you can manage and monitor the adapter in an application during runtime. The same CSF key configuration details that you specify at design time in the Adapter Configuration Wizard must be specified in the credential store of the Oracle Weblogic Server domain on which to deploy the SOA composite application or Oracle Service Bus business service.

1. Log in to Oracle Enterprise Manager Fusion Middleware Control.
2. In the navigator, expand the **WebLogic Domain** folder.
3. Right-click the managed server you are using for deployment and navigate to **Security > Credentials**.

Target Navigation



4. Click **Create Map**.
5. Enter `oracle.wsm.security`, and click **OK**.

This creates a map in the credentials list.

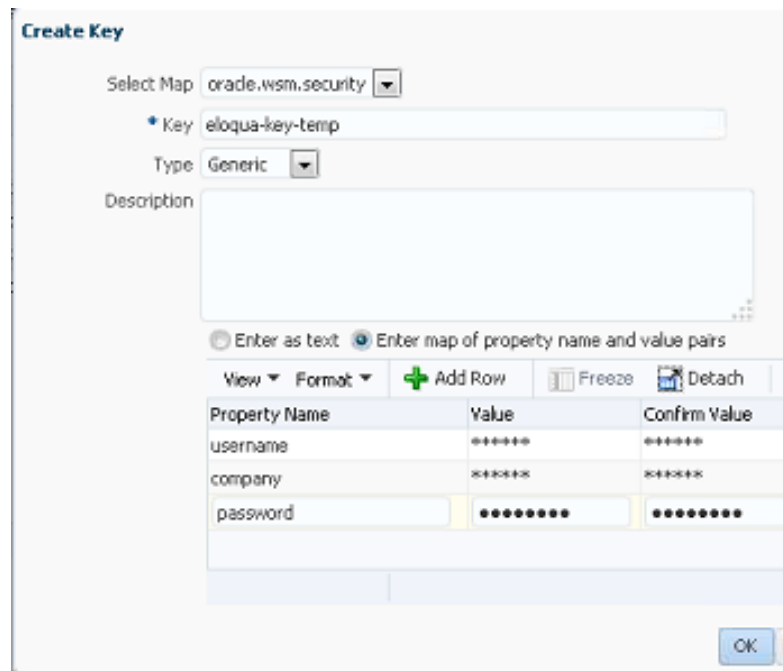
Creating the CSF Key for the Eloqua Cloud Adapter in Oracle Enterprise Manager Fusion Middleware Control

Specify the following details to create the CSF key for the Oracle Eloqua Cloud adapter in Oracle Enterprise Manager Fusion Middleware Control.

1. Access the Credential Store page by following the steps in [Configuring the CSF Map in Oracle Enterprise Manager Fusion Middleware Control](#).
2. Click **Create Key**.
3. Enter the following details, and click **OK**. The values you enter must be the same as those you enter when creating the CSF authentication key in the Adapter Configuration Wizard in Oracle JDeveloper.

Field	Description
Select Map	Select <code>oracle.wsm.security</code> .
Key	Enter a key value (for example, <code>eloqua-key</code>).

Field	Description
Type	<p>Select Generic. Oracle Eloqua Cloud adapter requires an additional property named company. The dialog is refreshed and prompts you to create specific property names and values.</p> <ol style="list-style-type: none"> 1. Enter an optional description. 2. Click Enter map of property name and value pairs. 3. Click Add Row to add an initial property name and value row. 4. Enter username in the Property Name column. 5. Specify values for username in the Value and Confirm Value columns. 6. Repeat the previous steps to enter rows for company and password. When complete, the dialog looks as follows for the Oracle Eloqua Cloud adapter:



7. Click **OK**.

Creating the CSF Key for Other Cloud Adapters in Oracle Enterprise Manager Fusion Middleware Control

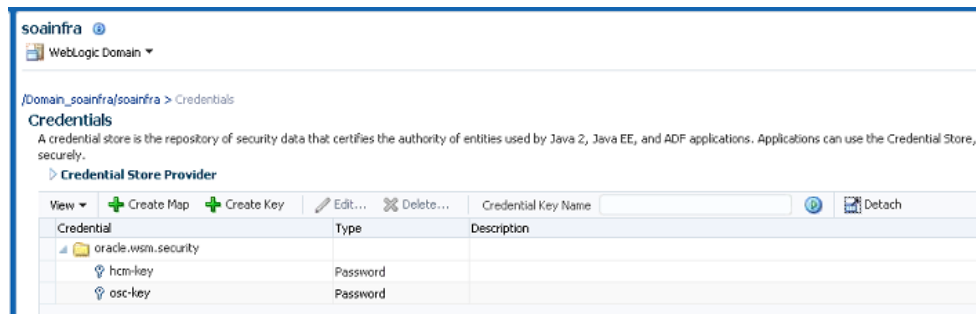
Specify the following details to create the CSF key for the Oracle Sales Cloud, Oracle RightNow Cloud, Oracle HCM Cloud, and Salesforce Cloud adapters in Oracle Enterprise Manager Fusion Middleware Control.

1. Access the Credential Store page by following the steps in [Creating the CSF Map in Oracle Enterprise Manager Fusion Middleware Control](#).
2. Click **Create Key**.

3. Enter the following details, and click **OK**. The values you enter must be the same as those you enter when creating the CSF authentication key in the Adapter Configuration Wizard in Oracle JDeveloper.

Field	Description
Select Map	Select oracle.wsm.security .
Key	Enter a key value (for example, <code>rightnow-key</code> if you are configuring the Oracle RightNow Cloud adapter).
Type	Select Password .
User Name	Enter the user name.
Password	Enter the password.
Confirm Password	Enter the same password a second time.
Description	Optionally enter a unique description.

The created key is displayed beneath the map name (**oracle.wsm.security**) in the credentials list.



Configuring the Certificate and Proxy Settings

Perform the following Oracle Cloud Adapter certificate and proxy setting tasks.

Topics

- [Configuring the Proxy Server During Design Time in Oracle JDeveloper](#)
- [Importing the Client Certificates to the Trust Store](#)
- [Configuring the Proxy Server for Runtime](#)

Configuring the Proxy Server During Design Time in Oracle JDeveloper

Configure the proxy server in Oracle JDeveloper.

1. In Oracle JDeveloper, select **Tools > Preferences > Web Browser and Proxy**.
2. Select the **Proxy Settings** tab in **Web Browser and Proxy**.
3. In **Manual Proxy Settings**, configure the following settings:
 - Set **Host** to `www-proxy.us.company_name.com`.
 - Set **No Proxy For** to `localhost | *.us.company_name.com | 127.0.0.1 | 10.*.*.* | *.foo.com | etc`
 -
4. Test the proxy by clicking **Test Proxy**.
5. Click **OK** to finish.

Where *company_name* is your company name.

Importing the Client Certificates to the Trust Store (DemoTrust.jks)

If the application WSDL is certificate authority (CA)-certified, you must update `FMW_HOME/user_projects/domains/WLS_SOA/bin/setDomainEnv.sh` as follows:

1. Open `FMW_HOME/user_projects/domains/WLS_SOA/bin/setDomainEnv.sh`.
2. In `EXTRA_JAVA_PROPERTIES`:

Replace:

- `-Djavax.net.ssl.trustStore=%WL_HOME%\server\lib\DemoTrust.jks`

With:

- `-Djavax.net.ssl.trustStore=kss://system/trust -Djavax.net.ssl.trustStoreType=kss`

Configuring the Proxy Server for Runtime

You must configure the proxy server for runtime use.

1. Open `FMW_HOME/user_projects/domains/WLS_SOA/bin/setDomainEnv.sh`.
2. Add the following line to `EXTRA_JAVA_PROPERTIES`:

```
-Dhttp.proxyHost=www-proxy.us.company_name.com -Dhttp.proxyPort=80 -  
Dhttp.nonProxyHosts=localhost|*.us.company_name.com|127.0.0.1|  
10.*.*.*|*.foo.com|etc -Dhttps.proxyHost=www-  
proxy.us.company_name.com -Dhttps.proxyPort=80"
```

Where `company_name` is your company name.

Specifying Inbound WSDL URL Patterns

Oracle SOA Suite and Oracle Service Bus inbound WSDL URLs must adhere to the conventions described in this section.

Topic

- [Specifying Oracle SOA Suite and Oracle Service Bus Inbound WSDL URL Patterns](#)

Specifying Oracle SOA Suite and Oracle Service Bus Inbound WSDL URL Patterns

Use the following conventions when specifying Oracle SOA Suite and Oracle Service Bus inbound WSDL URLs for the Oracle Sales Cloud, Oracle RightNow Cloud, and Oracle HCM Cloud adapters.

Pattern	URL Format	Example
Oracle SOA Suite	<code>https://hostname:ssl_port/integration/flowsvc/adapter/partition_name/composite_name/service_name/version?wsdl</code> where <i>adapter</i> is: <ul style="list-style-type: none"> • rightnow • hcm • osc 	<code>https://abc123.us.company.com:20117/integration/flowsvc/rightnow/default/RNOW-OSC-SYNC/RightnowService/v1.0/?wsdl</code>
Oracle Service Bus	<code>https://hostname:ssl_port/integration/flowsvc/adapter/application_name/proxy_name?wsdl</code> where <i>adapter</i> is: <ul style="list-style-type: none"> • rightnow • hcm • osc 	<code>https://abc123.us.company.com:7002/integration/flowsvc/hcm/HCM-HCM/HcmService/?wsdl</code>

