

Oracle® Fusion Middleware

Oracle Cloud Adapters Postinstallation Configuration Guide



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Contents

1	Configuring the Certificate and Proxy Settings	
<hr/>		
1.1	Configuring the Proxy Server During Design Time in Oracle JDeveloper	1-1
1.2	Importing the Client Certificates to the Trust Store (DemoTrust.jks)	1-1
1.3	Importing Private Non-Verisign Certificates	1-2
1.4	Configuring the Proxy Server for Runtime	1-2
2	Specifying Inbound WSDL URL Patterns	
<hr/>		
2.1	Specifying Oracle SOA Suite and Oracle Service Bus Inbound WSDL URL Patterns	2-1

Preface

This guide describes how to configure the Oracle Cloud adapters after completing installation.

Related Resources

Refer to the [Oracle Fusion Middleware library on the Oracle Help Center](#) for additional information.

- For Oracle SOA Suite information, see Oracle SOA Suite.
- For cloud adapters information, see :
 - *Using the Ariba Adapter*
 - *Using the Oracle Eloqua Cloud Adapter*
 - *Using the Oracle ERP Cloud Adapter*
 - *Using the NetSuite Adapter*
 - *Using the Oracle RightNow Adapter*
 - *Using the Salesforce Adapter*
 - *Using the Oracle Sales Cloud Adapter*
 - *Using the ServiceNow Adapter*
 - *Oracle Cloud Adapters Postinstallation Configuration Guide*

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.
<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.

1

Configuring the Certificate and Proxy Settings

Perform 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 \(DemoTrust.jks\)](#)
- [Importing Private Non-Verisign Certificates](#)
- [Configuring the Proxy Server for Runtime](#)

1.1 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 your proxy server name, for example, `www-proxy.us.example.com`.
 - Set **No Proxy For** to `localhost|*.proxy_server|127.0.0.1|10.*.*.*|*.foo.com|`
etc

Where *proxy_server* is the host name of the proxy server.
4. Test the proxy by clicking **Test Proxy**.
5. Click **OK** to finish.

1.2 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`

1.3 Importing Private Non-Verisign Certificates

If the cloud adapter is hosted with a private/non-Verisign certificate, then you must import the SSL certificate as described in this section. You perform this task once per server.

To import the client certificates when using a private/non-Verisign certificate:

1. Copy your WSDL URL to a browser.
2. Click the **Lock** icon in the upper left corner.
3. Click the link to display security information. For example, if using Mozilla Firefox, click **More Information**.
4. On the **Security** tab, click **View Certificate**.
5. Click the **Details** tab.
6. Export each certificate.
7. Open Oracle Enterprise Manager Fusion Middleware Control.
8. Right-click **soa-infra**.
9. Under **Security**, go to the **Keystore**.
10. Select **system > trust** and click **Manage**.
11. Click **Import**.
12. Under **Certificate Type**, select **Trusted Certificate** and enter an alias.
13. Browse and select the certificate you want to upload or add the text in Oracle Enterprise Manager Fusion Middleware Control after opening the certificate file in Notepad.
14. Click **OK**.
15. Repeat for all certificates.
16. Restart the servers.

1.4 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.example.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 `www-proxy.us.example.com` is the host name of your proxy server.

2

Specifying Inbound WSDL URL Patterns

Oracle SOA Suite and Oracle Service Bus inbound WSDL URLs must adhere to conventions for Oracle Cloud Adapters.

Topic:

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

2.1 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 Cloud Adapters.

Pattern	URL Format	Example
Oracle SOA Suite	<pre>https://hostname:ssl_port/ integration/flowsvc/adapter/ partition_name/composite_name/ service_name/version?wsdl</pre> <p>where <i>adapter</i> is:</p> <ul style="list-style-type: none">• rightnow• erp• osc <p>After deployment, you can also obtain the URL from the <i>soa-diagnostic</i> log.</p>	<pre>https:// abc123.us.company.com:20117/ integration/flowsvc/rightnow/ default/RNOW-OSC-SYNC/ RightnowService/v1.0/?wsdl</pre>
Oracle Service Bus	<pre>https://hostname:ssl_port/ integration/flowsvc/adapter/ application_name/proxy_name/ version/?wsdl</pre> <p>where <i>adapter</i> is:</p> <ul style="list-style-type: none">• rightnow• erp• osc	<pre>https:// abc123.us.company.com:7002/ integration/flowsvc/hcm/OSC-OSC/ Service/v1.0/?wsdl</pre>



Note:

You cannot publish the cloud SDK WSDLs in the SOA Infrastructure (*soa-infra*) because the *soa-infra* and cloud SDK have no direct relationship.