

Oracle® Application Integration Architecture

Agile Product Lifecycle Management for Oracle EBS: Design to
Release Install Guide

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Primary Author: Oracle Corporation

Contributing Author:

Contributor:

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Preface

Welcome to the *Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release* installation guide.

Audience

This document is intended for administrators and describes the installation, configuration and deployment process of the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release. This guide provides an overview of the installation process, the software requirements for the integration as well as detailed steps to complete the install process successfully.

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Related Documents

The following resources are also available:

- **Known Issues and Workarounds:**

My Oracle Support: <https://support.oracle.com/>

- **Release Notes:**

Oracle Technology Network: <http://www.oracle.com/technetwork/index.html>

- **Documentation updates:**

Oracle Technology Network: <http://www.oracle.com/technetwork/index.html>

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.

Software Requirements

Before you start the installation of the Agile Product Lifecycle Management for Oracle E-Business Suite pre-built integration in an Oracle Service-Oriented Architecture Suite (Oracle SOA Suite) environment, make sure that the system meets the following software requirements:

This chapter includes the following section:

- [Software Requirements](#)

Software Requirements

The Design to Release: Agile - EBS Pre-Built Integration requires:

- Agile Product Lifecycle Management Release 9.3.5, 9.3.4, 9.3.3
- You must select **Enable Global Trust** between the WebLogic domains: Agile and FMW.

For more information on configuring security for a WebLogic domain, see *Oracle Fusion Middleware Securing Oracle WebLogic Server*.

- Oracle E-Business Suite:
 - EBS Release (R) 12-12.2.5 + 22892400:R12.ITM.D
 - EBS Release (R) 12-12.2.4
 - EBS Release (R) 12-12.2.3 + 17237771:R12.INV.C + 19048871:R12.INV.c
 - EBS Release (R) 12 - 12.2.2 + 14769523:R12.INV.C + 17237771:R12.INV.C + 17189026:R12.ITM.D
 - In EBS R12.1.0 or later versions - To deploy GenerateItemNumberService successfully in Agile-Ebiz PIP, you must install Oracle E-Business Suite Integrated SOA Gateway. For more information, see metalink note 556540.1 on My Oracle Support.
 - EBS R12 - 12.1.3 + 17014975:R12.INV.B, 13370136:R12.INV.B, 10397048:R12.INV.B, 10172716:R12.INV.B, 9945332:R12.INV.B, 13893810:R12.INV.B and 14769523:R12.INV.B + 10632813:R12.OWF.B, 10399014:R12.ITM.C, 11654417:R12.ITM.C, 14395360:R12.ITM.C, 13905125:R12.ITM.C
 - * For 12.1.3 with VM, apply these additional patches 10009922:R12.CZ.B + 10009066:R12.FND.B.

Note: After applying the patches, restart the EBS server.

- * Database: 11.2.0.1.0 + Patch 9140891 and 9488247

Before Installing Agile PLM for Oracle EBS: Design to Release

This chapter describes how to configure prerequisites and download the Agile Product Lifecycle Management for Oracle E-Business Suite: Design to Release pre-built integration installer.

Configuring Installation Prerequisites

Before installing the pre-built integration, you must make sure the SOA Core Extension (SCE) is configured properly.

To configure the SCE:

1. Update the `AIAInstallProperties.xml` file, located in `<DOMAIN_LOCATION>/soa/aia/bin` as described in the following table:

Table 2–1 *AIAInstallProperties.xml file*

Field	Value
sharedlocation	Used in clustering environment. No need to update CLUSTER_SHARED_LOCATION to your shared folder location. Installer will complete field.
isencrypted	Keep "false" value here. After post-install configuration, it will be updated to true.
version	SOA version
adminhostname	Hostname of Admin Server
adminport	Port of Admin Server
domainname	Domain Name of the SOA domain
username	User Name to log in to WebLogic Console and Enterprise Manager
password	Password for the user name. Keep "ADMIN_PASSWORD" value here. Post-install configuration script will ask for the password and write the encrypted password here.
servertype	In a clustered environment, enter Cluster. Otherwise enter Server.
soaserver	In a clustered environment, enter Cluster Name. Otherwise, enter Managed Server name.
soaserverhostname	In a clustered environment, enter HTTP Proxy Host Name. Otherwise, enter Managed Server Host name.

Table 2–1 (Cont.) AIAInstallProperties.xml file

Field	Value
soaserverport	In a clustered environment, enter HTTP Proxy Port. Otherwise, enter Managed Server port.
jndiurl	The URL should be in the format: t3://<managed server hostname>:<managed server port>. In a clustered environment, add all managed servers delimited with ";"; for example, t3://<managed server 1 hostname>:<managed server1 port>;<managed server2 hostname>:<managed server2 port>

Example 2–1 An example of a clustered environment

```
<?xml version="1.0" encoding="UTF-8"?>
<properties>
  <aiaDomain>
    <sharedlocation>CLUSTER_SHARED_LOCATION</sharedlocation>
    <isencrypted>>false</isencrypted>
  </aiaDomain>
  <fp>
    <version>12.1.3.0.0</version>
    <server>
      <adminhostname>slc07rmp.us.oracle.com</adminhostname>
      <adminport>7037</adminport>
      <domainname>soa_domain</domainname>
      <username>weblogic</username>
    </server>
    <password>ADMIN_PASSWORD</password> <!--Do not edit this property.-->
    <servertype>Cluster</servertype>
    <soaserver>soa_cluster</soaserver>
    <soaserverhostname>slc07rmp.us.oracle.com</soaserverhostname>
    <soaserverport>7777</soaserverport>
  </fp>
  <jndiurl>t3://slc07rmp.us.oracle.com:8037,slc07rmq.us.oracle.com:8037</jndiurl>
</properties>
```

Note: shared Location is a remote network position/container that can be set for NFS, Drive Mapping or another technology. Shared Location is needed for PIP clustering and should be configured before installation to assure successful installation and deployment. In each SOA machine, the path to the shared location must be the same, and also must be Readable and Writeable.

2. Run the following commands:

On Linux:

- source <DOMAIN_LOCATION>/soa/aia/bin/aiaenv.sh
- ant -f \$SOA_HOME/aiafp/Install/config/FPPostInstall.xml

On Windows:

- <DOMAIN_LOCATION>\soa\aiab\bin\aiabenv.bat
- ant -f %SOA_HOME%\aiabp\Install\config\FPPostInstall.xml

Downloading and Starting the Agile PLM for Oracle E-Business Suite: Design to Release Installer

To install the Agile Product Lifecycle Management for Oracle E-Business Suite: Design to Release pre-built integration:

1. Navigate to the Oracle Software Delivery Cloud. [<https://edelivery.oracle.com>]
2. In the Search field, type Agile.
3. In the list of products, select **Agile Product Lifecycle Managemenet Integration Pack for Oracle E-Business Suite: Design to Release (EBS, PLM)**.
4. From the Select Platform list, choose your platform, Linux x86-64 or Microsoft Windows x64 (64-bit, then click **Select**.
5. Click **Continue**.
6. Select **Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release (3.5.0.0.0)**, and click **Continue**.
7. Review the license agreement, then check the box if you accept the terms and click **Continue**.
8. Click the Agile PLM for Oracle E-Business Suite: Design to Release Pre-built Integrations Release 3.5.0.0.0 Media Pack link for your platform.
9. Download the Oracle Agile PLM for Oracle E-Business Suite: Design to Release Pre-built Integrations Release 3.5 file.
10. Add %JAVA_HOME%\bin;%JAVA_HOME%\jre\bin to the PATH variable.
11. Unzip the downloaded file.
12. Navigate to the Agile2EbizPIP3.5 directory.
13. Run the following installation file for your platform:
 - Linux: setup_lin.bin
 - Windows: setup_win.exe

The Agile PLM PIP Installer launches the Welcome screen.
14. Click Next.
15. Enter the Name and Path where the SOA Core Extension (SCE) is installed.

Note: If the AIA Home Path is not correct, the installation will not proceed.

16. Click Next.
17. Complete the remaining screens as described in the following sections:
 - ["SOA Admin Server Details Screen"](#)
 - ["SOA Server Details Screen"](#)
 - ["SOA Server Cluster Details"](#)
 - ["EBS Server Connect Details Screen"](#)
 - ["EBS Server Details Screen"](#)

- "EBS Database Details Screen"
- "Agile PLM Server Connect Details Screen"
- "Agile PLM Server Details Screen"
- " PIP Database Connect Details Screen fields"
- " PIP Schema Details Screen fields"
- "PIP Item Initial Load Data Location Details Screen"

18. If the information displayed on the Pre-Installation Summary page is correct, click Install.

Agile PLM PIP Installer Screens

The following sections describe the fields on the Agile PLM PIP installer screens.

SOA Admin Server Details Screen

Use this screen to enter details about your SOA Admin Server. This screen contains the fields listed in [Table 2–2](#).

Table 2–2 SOA Admin Server Details Screen Fields

Field	Description
Admin Hostname	The value is the name/domain of the WebLogic admin server. To find this value contact your WebLogic administrator. The Admin Hostname is _____.
Admin Port	This value is the port number of the WebLogic admin server. To find this value contact your WebLogic administrator. The Admin Port is _____.
Admin User	This value is the WebLogic admin user name. To find this value contact your WebLogic administrator. The Admin User is _____.
Admin Password	This value is the WebLogic admin password. To find this value contact your WebLogic administrator. The password is _____.

SOA Server Details Screen

Use this screen to enter information about your managed or cluster SOA server. This screen contains the fields listed in [Table 2–3](#).

Table 2–3 SOA Server Details Screen Fields (Standalone)

Field	Description
SOA Domain Name	This is WebLogic server domain corresponding to the Admin Server. Example: domain1 The SOA Domain Name is _____.
SOA Installation Directory	This value is the path where the SOA Domain is located.
Managed Server Name	This value is the name of the Managed Server for the domain.
Managed Server Port	This value is the port number of the managed server.

If installing in a cluster environment:

Table 2–4 SOA Server Details Screen Fields (Cluster)

Field	Description
SOA Domain Name	This is WebLogic server domain corresponding to the Admin Server. Example: domain1 The SOA Domain Name is _____
SOA Installation Directory	This value is the path where the SOA Domain is located.
Cluster Name	This value is the name of the cluster.
Cluster Proxy Hostname	This value is the Hostname of the proxy server managing the cluster.
Proxy Port	This value is the proxy port of the cluster

SOA Server Cluster Details

This screen only appears if you are installing in a cluster environment. The field and description are as follows:

Path to SOA Cluster Shared Directory—Enter the path to the location of the SOA Cluster Shared Directory.

EBS Server Connect Details Screen

Use this screen to enter details related to connect to your Oracle E-Business Suite server instance. The screen contains the fields listed in [Table 2–5](#).

Table 2–5 EBS Server Connect Details Screen fields

Field	Description
EBS Hostname	Specifies the system name of the Oracle E-Business Suite application. Example: example1.corp.oracle.com. E-Business Suite Host Name is _____
EBS Port	This value is the Oracle E-Business Suite application port. To find this value, contact your administrator. Example: 8024. E-Business Suite Port is _____
EBS User Name	To find this value, contact your administrator. E-Business Suite User Name is _____
EBS Password	To find this value, contact your administrator. E-Business Suite Password is _____

EBS Server Details Screen

Use this screen to enter details related to your Oracle E-Business Suite server instance. The screen contains the fields listed in [Table 2–6](#).

Table 2–6 EBS Server Details Screen fields

Field	Description
Workflow Business Event System Name	This is the Workflow Business Event System Name of E-Business Suite Server. For example: SID.server2.xyz.com. To find this value, contact your administrator. Workflow Business Event System Name is _____.
EBS Version	This is a drop down list of Oracle E-Business Suite Application versions.
EBS Protocol for Web Services	This is a drop down list with options http or https for the protocols used to invoke webservices on E-Business Suite. To find this value, contact your administrator.

EBS Database Details Screen

Use this screen to enter details related to your Oracle E-Business Suite database instance. The screen contains the fields listed in [Table 2-7](#).

Table 2-7 EBS Database Details Screen fields

Field	Description
EBS Database Hostname	Specifies the system name. To find this value, contact the database administrator. Example: server1.oracle.com. E-Business Suite Database Host is _____
EBS Database Port	To find this value, contact the database administrator. Example: 1521. E-Business Suite Database Port is _____
EBS Database SID (System ID)	To find this value, contact the database administrator. Example: orcl. E-Business Suite Database SID is _____
EBS Database Username	To find this value, contact the database administrator. Example: apps. E-Business Suite Database Username is _____
EBS Database Password	To find this value, contact the database administrator. E-Business Suite Database Password is _____
EBS Database Schema	To find this value, contact the database administrator. Example: apps. Database Schema is _____ All the database credentials are used for creating the connection pool URL (universal resource locator) and data source URLs.

Agile PLM Server Connect Details Screen

Use this screen to enter details related to your Agile PLM instance. The screen contains the fields listed in [Table 2-8](#).

Table 2-8 Agile PLM Server Connect Details Screen fields

Field	Description
Agile PLM Hostname	Specifies the system name. Example: example1.corp.oracle.com. Agile PLM Host is _____
Agile PLM Port	This is the http or https port if you are using Agile PLM with Web Service Security enabled. This value depends on the web server port and operating system of your Agile PLM instance. To find this value, contact your Agile PLM administrator. Example: 80. Agile PLM Port is _____
Agile PLM Virtual Path	This value is the same virtual path entered during the Agile PLM installation. Example: Agile. Agile PLM Virtual Path is _____
Agile PLM Integration User Name	This is the Agile PLM admin access user name. Example: admin. Agile PLM Integration Username is _____
Agile PLM Integration User Password	To find this value, contact your Agile PLM administrator. Agile PLM Integration User Password is _____

Agile PLM Server Details Screen

Use this screen to enter details related to your Agile PLM server. The screen contains the fields listed in [Table 2-9](#).

Table 2–9 Agile PLM Server Details Screen fields

Field	Description
Agile PLM Version	Select the Agile PLM version from the dropdown list.
Web Services Security Enabled	If you are using Agile PLM 9.3.5 and have enabled Web Services Security, then select the checkbox.

PIP Database Connect Details Screen

Use this screen to enter details related to your Pre-built Integration database instance. The screen contains the fields listed in [Table 2–10](#).

Table 2–10 PIP Database Connect Details Screen fields

Field	Description
PIP Schema Database Hostname	Specifies the system name. To find this value, contact the database administrator. Example: server1.oracle.com. PIP Schema Database Host is _____
PIP Schema Database Port	To find this value, contact the database administrator. Example: 1521. PIP Schema Database Port is _____
PIP Schema Database SID (System ID)	To find this value, contact the database administrator. Example: orcl. PIP Schema Database SID is _____
Sys User Name	Enter the name of the SYS database user. Default value is sys.
Sys User Password	Enter the password for the SYS database user. To find this value, contact the database administrator.

PIP Schema Details Screen

Use this screen to enter details related to your new schema to be created for the pre-built integration queue tables. The screen contains the fields listed in [Table 2–11](#)

Table 2–11 PIP Schema Details Screen fields

Field	Description
PIP Schema Name	Enter the name of the new schema to be created for the PIP queue tables. Default Value is plmpip.
PIP Schema password	Create a password for the schema.
Confirm PIP Schema password	Confirm the new password that you created.

PIP Item Initial Load Data Location Details Screen

Use this screen to enter details related to the Oracle EBS to Agile PLM Initial Load instance. The screen contains the fields listed in [Table 2–12](#).

Table 2–12 PIP Item Initial Load Data Locations

Field	Description
Location to store XML files with item data from EBS	This is the location where AIA stores the XML files that contain Initial Load Item data from Oracle E-Business Suite.

Table 2–12 (Cont.) PIP Item Initial Load Data Locations

Field	Description
Location to read Item XML files to load into Agile PLM	This is the location from where AIA picks up the Initial Load Item data XML files for loading into Agile PLM. This location option enables you to review and improve the data before loading into Agile.
Location to store the failed Item data XML files	This is the location of the Item Data XML files that failed to load into Agile.
Location to store the successful Item data XML files	This is the location of the Item Data XML files that were successfully loaded into Agile.

Installing and Configuring Design to Release: Agile - EBS

This chapter discusses how to configure and deploy the Agile Product Lifecycle Management for Oracle E-Business Suite: Design to Release (Design to Release: Agile - EBS) pre-built Integration.

Web Services Security Configurator

The Web Services Security (WSS) Configurator integrates the Design to Release: Agile - EBS pre-built integration with the Agile PLM 9.3.5 security environment. If you are running Agile PLM in a non-WSS environment, the Web Services Security Configurator does not need to be run.

Starting the Web Services Security Configurator

After you install the Agile PLM PIP, the Web Services Security Configurator files are located in the \$SERVICES_LOCATION/pips/AgileToEbiz/Tool directory.

Make sure that the WebLogic Server is started and that the WebLogic console is accessible before running the configurator tool.

To start the Web Services Security Configurator:

1. Open a Command Prompt window.
2. Make sure the JAVA_HOME and WLS_HOME environment variables point to the correct locations.
3. Change to the \$SERVICES_LOCATION/pips/AgileToEbiz/Tool directory.
4. Open the wssconfig-d2rpip file and update the value of the wlstlocation variable, based on the example path in the file.
5. Run the wssconfig-d2rpip script.

Using the Web Services Security Configurator

When the Web Services Security Configurator initializes, you have the option to review your current security policy, to support the Agile PLM 9.3.5 security policy, or to restore the security policy to the default policy (oracle/wss_http_token_client_policy).

For more information on the Agile PLM 9.3.5 security policy, see the Agile Product Lifecycle Management Security Guide.

Figure 3–1 Web Services Security Configurator

```

*****
*      Agile PLM D2R PIP Web Services Security Configurator      *
*****

[1] : View current web services security policy
[2] : Set WS Security Policy to 'oracle/wss_username_token_over_ssl_client_policy'
[3] : Restore WS Security Policy to default 'oracle/wss_http_token_client_policy'

Please enter the option to proceed:
1

```

Viewing the Current Web Services Security Policy

To view the current web services security policy:

1. Enter 1 at the prompt.
2. Enter your SOA server URL, username, and password at the designated prompts.

Note: If you are running a standalone server, the SOA server URL should be the URL of the Admin Server. If you are running a cluster environment, the SOA server URL should be the URL of one of the Managed SOA servers.

3. Press Enter.

The current web services security policy displays and the configurator tool closes. If you need to update or rollback your security policy, you must restart the tool.

Updating to the Agile PLM 9.3.5 Security Policy

Enter option 2 on the Web Services Security Configurator to update your security policy to the Agile PLM 9.3.5 policy (oracle/wss_username_token_over_ssl_client_policy). After enter the required information, the updated policy is attached and the endpoint address is updated for the related web services.

Figure 3–2 Sample output when updating the security policy

```

Session started for modification.
The policy subject is selected for modification.
Policy reference "oracle/wss_username_token_over_ssl_client_policy" added.
The policy set for subject "/WLS/soa_domain/soa-infra|default/ValidateEngineeringChangeOrderListAgileReqABCSImpl#1.0
|SCA-Reference(ChangeABSService#ChangeABS)" was saved successfully.

Session started for modification.
The policy subject is selected for modification.
Policy reference "oracle/wss_username_token_over_ssl_client_policy" added.
The policy set for subject "/WLS/soa_domain/soa-infra|default/ValidateEngineeringChangeOrderListAgileReqABCSImpl#1.0
|SCA-Reference(TableService#Table)" was saved successfully.

*****
* Web Services security policy is attached for AgileToEBS PIP calls to Agile *
* PLM 9 Web Services. You can view the configuration by logging in to EM and *
* clicking SOA->soa-infra->default->* Composite and selecting Policies tab *
*****

```

You can validate the updated policy with Oracle Enterprise Manager.

Updating MDS

To update MDS:

1. Download the Configuration File from MDS

2. Update \$DOMAIN_LOCATION/soa/aia/MDSUtils/DownloadMetaDataFileDP.xml content:

```
<?xml version="1.0" standalone="yes"?>
<DeploymentPlan>
  <Configurations>
    <DownloadMetadataFile downloadLocation="${env.DOMAIN_
LOCATION}/soa/aia/bin/" fileToDownload =
"/soa/configuration/default/AIAConfigurationProperties.xml" wlsServer="fp" />
  </Configurations>
</DeploymentPlan>

source <DOMAIN_LOCATION>/soa/aia/bin/aiaenv.sh
ant -f $SOA_HOME/aiafp/Install/AID/AIAInstallDriver.xml
-DPropertiesFile=$DOMAIN_LOCATION/soa/aia/bin/AIAInstallProperties.xml
-DDeploymentPlan=$DOMAIN_LOCATION/soa/aia/MDSUtils/DownloadMetaDataFileDP.xml
```

3. Update AIAConfigurationProperties.xml and AIAInstallProperties.xml in \$DOMAIN_LOCATION/soa/aia/bin.

- If you are updating to the Agile PLM 9.3.5 security policy with web service security configurator:
 - In /properties/participatingapplications/agile of AIAInstallProperties.xml, update port to https port and update protocol to https.
 - In AIAConfigurationProperties.xml, replace all Agile URLs from http to https. Fourteen (14) locations should be replaced.
- If you are restoring the web service security policy with Web Service Security Configurator:
 - In /properties/participatingapplications/agile of AIAInstallProperties.xml, update port to http port and update protocol to http.
 - In AIAConfigurationProperties.xml, replace all Agile URLs from https to http. Fourteen (14) locations should be replaced.

4. Upload into MDS.

5. Update \$DOMAIN_LOCATION/soa/aia/MDSUtils/UpdateMetaDataFileDP.xml content:

```
<?xml version="1.0" standalone="yes"?>
<DeploymentPlan>
  <Configurations>
    <UpdateMetadataFile wlsServer="fp"
mdslocation="apps/AIAMetaData/config">
      <fileset dir="${env.DOMAIN_LOCATION}/soa/aia/bin">
        <include name="AIAInstallProperties.xml" />
      </fileset>
    </UpdateMetadataFile>
    <UpdateMetadataFile wlsServer="fp"
mdslocation="/soa/configuration/default">
      <fileset dir="${env.DOMAIN_LOCATION}/soa/aia/bin">
```

```
<include name="AIAConfigurationProperties.xml" />
</fileset>
</UpdateMetadataFile>
</Configurations>
</DeploymentPlan>

source <DOMAIN_LOCATION>/soa/aia/bin/aiaenv.sh
cd $DOMAIN_LOCATION/soa/aia/MDSUtils/
ant -f $SOA_HOME/aiafp/Install/AID/AIAInstallDriver.xml
-DPropertiesFile=$DOMAIN_LOCATION/soa/aia/bin/AIAInstallProperties.xml
-DDeploymentPlan=$DOMAIN_LOCATION/soa/aia/MDSUtils/UpdateMetaDataFileDP.xml
```

Setting the SSL Environment

After updating the security policy, you must set the SSL environment between Agile PLM 9.3.5 and the Design to Release: Agile - EBS pre-built Integration. For more information on installing Agile PLM 9.3.5 see Agile Product Lifecycle Management Application Installation Guide, Release 9.3.5.

Here's an example of how to set the SSL environment between Agile PLM 9.3.5 and the Design to Release PIP with self-signed certificates.

To set the SSL environment for Agile PLM:

1. Create a directory named agile-keystore935 on the machine where the WebLogic files are located.
2. Change to the newly created directory and run the following command to create the agile-keystore.jks file:

```
keytool -genkey -keyalg RSA -alias ssl -keystore agile-keystore.jks -keysize 2048 -storepass <password>
```
3. Enter the following information for the key generation command:
CN=<Weblogic hostname>, OU=<organizationUnit>, O=<organizationName>, L=<localityName>, ST=<stateName>, C=<countryName>
4. Run the following command to create and export the SSL certificate, agile-ssl-cert:

```
keytool -export -file agile-ssl-cert.cer keystore agile-keystore.jks -storepass <password> -alias ssl
```
5. Run the following command to import the SSL certificate and create the Trust store:

```
keytool -import -file agile-ssl-cert.cer keystore agile-trust-store.jks -storepass <password>
```
6. In a web browser, go to `http://<Weblogic_hostname:portnumber>/console` to open the WebLogic Console.
7. In the left pane of the Console, select Environment>Servers, then click the Server name on the right pane.
8. From ServerName>Configuration>General, check SSL Listen Port Enabled. The default port is 7002.
9. Select Configuration>Keystores, choose Custom Identity and Custom Trust.
10. In the Identity section, define the following attributes for the identity keystore:
 - Custom Identity Keystore: (Windows example)
C:\agile-keystore-935\agile-keystore.jks

- Custom Identity Keystore Type: JKS
 - Custom Identity Keystore Passphrase: <password>
11. In the Trust section, define the following properties for the trust keystore:
- Custom Trust Keystore: (Windows example)
C:\agile-keystore-935\agile-trust-store.jks
 - Custom Trust Keystore Type: JKS
 - Custom Trust Keystore Passphrase: <password>
12. Activate the changes in the WebLogic Console.
13. Connect to the Agile PLM system.

After you have configured SSL on the Agile PLM system, you must make the Integration Server trust the Agile Server.

To make the Integration server trust the Agile Server:

1. Open a command prompt window and change to the %MW_HOME%\wlserver\server\lib directory.
2. Copy the agile-ssl-cert.cer file from the Agile PLM server to the Integration server.
3. Run the following command to import agile-ssl-cert.cer in the Integration server's key store using the DemoTrust keystore:


```
keytool -import -file agile-ssl-cert.cer -alias a9-ssl-cert -keystore DemoTrust.jks -storepass DemoTrustKeyStorePassPhrase
```
4. In a web browser, go to `http://<Weblogic_hostname:portnumber>/console` to open the WebLogic Console.
5. In the left pane of the Console, select Environment>Servers, then click the Server name on the right pane.
6. Select Configuration>Keystores, choose Custom Identity and Custom Trust.
7. In the Trust section, define the following properties for the trust keystore:
 - Custom Trust Keystore:%MW_Home%\wlserver\server\lib\DemoTrust.jks
 - Custom Trust Keystore Type: JKS
 - Custom Trust Keystore Passphrase: DemoTrustKeyStorePassPhrase
8. Save changes.

Restoring Web Services Security Policy

If there is a need to restore the default web services security policy (oracle/wss_http_token_client_policy), enter option 3 on the Web Services Security Configurator. After entering the required information, the default policy is attached and the endpoint address is updated for the related web services.

Figure 3–3 Sample output when restoring the default security policy

```

Session started for modification.
The policy subject is selected for modification.
Policy reference "oracle/wss_http_token_client_policy" added.
The policy set for subject "/WLS/soa_domain/soa-infra/default/ValidateEngineeringChangeOrderListAgileReqABCSImpl#1.0
|SCA-Reference(TableService#Table)" was saved successfully.

I

7/7 ValidateEngineeringChangeOrderListAgileReqABCSImpl Composite Restore Done
All Restore Action Done

```

Performing Predeployment Configurations

Configure https enabled Ebiz (Optional)

1. Obtain the Ebiz environment certificate from the following path: \$ORACLE_HOME/appsutil/wallet
2. Import this Ebiz certificate to the WebLogic server. To import this Ebiz certificate, follow these steps:

1. Add the keytool to classpath as *export*
`CLASSPATH=/slot/ems3486/oracle/Middleware/jrockit-jdk1.6.0_37-R28.2.5-4.1.0/bin:$CLASSPATH`

2. Copy the Ebiz certificate to FMW server.

3. Import the certificate to WebLogic keystore as

```

keytool -import -noprompt -trustcacerts -alias rws3221070 -file
/slot/ems3486/oracle/EBSCertificate/ca.cer -keystore
/slot/ems3486/oracle/Middleware/jrockit-jdk1.6.0_
37-R28.2.5-4.1.0/jre/lib/security/cacerts -storepass changeit

```

For example, `keytool -import -noprompt -trustcacerts -alias <name> -file <path of fmw where you copied ebiz certificate> -keystore $MW_HOME/jrockit-jdk1.6.0_37-R28.2.5-4.1.0/jre/lib/security/cacerts -storepass <wls store password>`

4. Verify this by listing the certificates in keystore as `keytool -list -keystore /slot/ems3486/oracle/Middleware/jrockit-jdk1.6.0_37-R28.2.5-4.1.0/jre/lib/security/cacerts`

Modify transaction values

You must modify transaction properties to complete the integration deployment. To modify transaction values:

1. Log in to WebLogic Server Console. Navigate to **Services, JTA**. Change the value of property **JTA Transaction Timeout** from 30 to 3600.
2. Change the **SyncMaxWaitTime** parameter as follows:
 - a. Log in to the Oracle Enterprise Manager Fusion Middleware Control.
 - b. Expand SOA folder, right click **soa_infra**.
 - c. Select **SOA Administration, BPEL Properties**.
 - d. Click link **More BPEL Configuration Properties**.
 - e. Change the value of **SyncMaxWaitTime** from 45 to 120.

- f. Click **Apply**.

Installing and Deploying Design to Release: Agile - EBS Pre-Built Integration

This section discusses the integration configuration and deployment process. There are two steps:

1. Install Design to Release: Agile - EBA Pre-built Integration using the Oracle Agile PLM PIP Installer.
2. Deploy the integration to the Fusion Middleware server.

Installing the Design to Release: Agile - EBS Pre-Built Integration

The screens that appear prompt you to enter the data that is required for successful configuration of the Design to Release: Agile - EBS Pre-Built Integration. Keep the completed worksheet of the Design to Release: Agile - EBS Pre-Built Integration screens ready before you launch the Oracle Agile PLM PIP Installer.

Note: If you are harvesting content to OER, perform the first three steps. Else start from step 4.

To install the Design to Release: Agile - EBS Pre-Built Integration:

1. Navigate to `/slot/emsxxx/oracle/Middleware/user_projects/domains/soa_domain/bin/` and open **setDomainEnv.sh** for Linux based systems and **setDomainEnv.bat** for Microsoft Windows.
2. In the **setDomainEnv.sh** (or .bat) file, replace the following line:
`WLS_JDBC_REMOTE_ENABLED="-Dweblogic.jdbc.remoteEnabled=false"`
 with the following changes
`WLS_JDBC_REMOTE_ENABLED="-Dweblogic.jdbc.remoteEnabled=true"`.

Note: The values specified are baseline values. You can modify the values to improve performance. Your server class machines must have 8GB RAM or more of available space for the above memory settings to be valid.

3. Restart the server.
4. Follow the instructions in ["Downloading and Starting the Agile PLM for Oracle E-Business Suite: Design to Release Installer"](#) on page 2-3 to launch the PIP 3.5 Installer.
5. Click **Next**.

Specify SOA Admin Server Details

To specify SOA Admin server details:

1. Enter information related to your integration server in the **SOA Admin Server Details** screen as described in [Section , "SOA Admin Server Details Screen."](#)
2. Click **Next**.

Specify SOA Server Details

To specify SOA Server details:

1. Enter information about your SOA Server in the **SOA Server Details** screen as described in [Section , "SOA Server Details Screen."](#)
2. Click Next.

Specify SOA Server Cluster Details (Optional)

To specify SOA Server Cluster details:

1. Enter information about your SOA Server Cluster, if installed, in the SOA Server Cluster Details screen as described in [Section , "SOA Server Cluster Details."](#)
2. Click Next.

Specify EBS Server Connect Details

To specify EBS Server Connect details:

1. Enter information about your Oracle E-Business Suite Server installation in the **EBS Server Connect Details** screen as described in [Section , "EBS Server Connect Details Screen."](#)
2. Click Next.

Specify EBS Server Details

To specify EBS Server details:

1. Enter information about your Oracle E-Business Suite Server in the **EBS Server Details** screen as described in [Section , "EBS Server Details Screen."](#)
2. Click Next.

Specify EBS Database Details

To specify EBS Database details:

1. Enter information about your Oracle E-Business Suite Database installation in the **EBS Database Details** screen as described in [Section , "EBS Database Details Screen."](#)
2. Click Next.

Specify Agile PLM Server Connect Details

To specify Agile PLM Server Connect details:

1. Enter information about your Agile PLM installation in the **Agile PLM Server Connect Details** screen as described in [Section , "Agile PLM Server Connect Details Screen."](#)
2. Click Next.

Specify Agile PLM Server Details

To specify Agile PLM Server details:

1. Enter information about your Agile PLM server version in the **Agile PLM Server Details** screen as described in [Section , "Agile PLM Server Details Screen."](#)
2. Click **Next**.

Specify PIP Database Connect Details

To specify PIP Database details:

1. Enter information about your pre-built integration database instance in the **PIP Database Connect Details** screen as described in [Section , "PIP Database Connect Details Screen."](#)
2. Click **Next**.

Specify PIP Schema Details

To specify PIP Schema details:

1. Enter information about your PIP Schema details in the **PIP Schema Details** screen as described in [Section , "PIP Schema Details Screen."](#)
2. Click **Next**.

Specify PIP Item Initial Load Data Location Details

To specify PIP Item Initial Load Data Location details:

1. Enter information about your initial load instance in the **PIP Item Initial Load Data Location Details** screen as described in [Section , "PIP Item Initial Load Data Location Details Screen."](#)
2. Click **Next**.

Complete Installation

To complete installation:

1. Review the configuration information on the **Pre-Installation Summary** screen.

Note: If you want to make changes to the configuration, click the **Back** button to go to the screen you want to edit. You can create a response file based on the input provided in the Installer and use it in future when you want to deploy the integration.

Start the Installer with the **-r** option to create a response file. On Windows: `setup_win.exe -r <response file path and name>`. On Linux: `./setup_lin.bin -r <response file path and name>`.

You can install using the steps described in [Section , "Installing using the Response File."](#)

2. Click **Install** to start the installation.

The system displays progress of the configuration in the **Installation Progress** screen.

The system displays any warnings or errors as necessary. You can review the configuration log for additional details.

3. When the configuration process completes without errors, the Installer displays the **Install Complete** screen.
4. Click **Done** to close the Installer.

Installing using the Response File

To install using the response file:

1. Navigate to \$DOMAIN_LOCATION/soa/aia/bin and run the command `source aiaenv.sh` for Linux based systems and `aiaenv.bat` for Microsoft Windows to configure the environment.
2. Navigate to PIP 3.5 Installer folder and run the command `./setup_lin.bin -f <Response File Location and Name>` for Linux based systems and `./setup_win.exe -f <Response File Location and Name>` for Microsoft Windows.

Prerequisite for E-Business Suite version 12.2.2 or later

To install Design to Release: Agile - EBS Pre-Built Integration PIP 3.5 with E-Business Suite version 12.2.2 or later, you must perform the following steps before installing the PIP:

1. Navigate to \$DOMAIN_LOCATION/soa/aia/bin/AIAInstallProperties.xml
2. Add the following property for the endpoint URI under `properties/participatingapplications/ebiz`
 - *generateitemnumberservicewsdlurl* - WSDL URL for the Generate Item Number service on the EBS ISG server. For example,
`http://rws3220107.example.com:16043/soa-infra/services/default/XZ1ST222_BSO_inv_ebi_item_GenerateItemNumberService/GenerateItemNumberService_Service?wsdl`
 - *generateitemnumberserviceendpointuri* Endpoint URI of the Generate Item Number service on the EBS ISG server. For example,
`http://rws3220107.example.com:16043/soa-infra/services/default/XZ1ST222_BSO_inv_ebi_item_GenerateItemNumberService/GenerateItemNumberService_Service`

Deploying the Design to Release: Agile - EBS Pre-Built Integration

To deploy the integration to Fusion Middleware server:

1. Navigate to \$DOMAIN_LOCATION/soa/aia/bin and run the command `source aiaenv.sh` for Linux based systems and `aiaenv.bat` for Microsoft Windows to configure the environment.
2. Run the command for your platform.

Table 3–1 *Deployment Command for the Design to Release: Agile - EBS Pre-Built Integration*

Platform	Deployment Command
Linux x86-64	sh \$SERVICES_LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbizDP.sh
Microsoft Windows x64 (64-bit)	%SERVICES_LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEbizDP.bat

Note: In Windows 2008, 2008 R2 and Vista, run the command prompt as an administrator (elevated mode). If the command prompt is invoked in normal mode, the integrations are not displayed.

3. Review the log file in the location specified in the command to verify successful deployment.

Oracle AIA ships artifacts in AIA Lifecycle Workbench which can be used in your integrations. These artifacts are created using FMW technologies such as BPEL and Mediator and are natively supported by SOA Core Extension tools such as Project Lifecycle Workbench, Harvester, Deployment Generator, AIA Deployment Driver (ADD). These are called native artifacts and they include SOA artifact types such as composites, DataSources, DVM, xRef, and so on. These artifacts can be modified or new natively supported artifacts can be added using the AIA Lifecycle Workbench and a BOM.xml file can be generated.

AIA integration development teams, most often, also require deployment of artifact types that are beyond what is supported by the Project Lifecycle Workbench and AIA Harvester. For instance, integration may require artifacts such as, Java applications, Shell Scripts, ANT based build scripts which constitute part of integration landscape in addition to the artifacts that are delivered by AIA. AIA also supports deployment of these supplementary artifacts. However, you must modify and add new non native artifacts outside AIA Lifecycle Workbench.

For more information on deploying artifacts, see *Oracle Fusion Middleware Developer's Guide for Oracle Application Integration Architecture Foundation Pack*, "Generating Deployment Plans and Deploying Artifacts".

Performing Postdeployment Configuration

This sections describes the postdeployment tasks you must perform after configuring the Design to Release: Agile - EBS pre-built integration. This section includes the following topics:

- [Cluster Installation](#)
- [Enabling EBS Security](#)
- [Configuring Initial Load](#)
- [Enabling the NPR & SYNC Flows](#)

Cluster Installation

To install the Design to Release: Agile - EBS pre-built integration in a cluster, follow these steps to update the proxy configuration file:

1. Open the \$DOMAIN_LOCATION/config/fmwconfig/components/OHS/ohs1 file.

2. Add the following code:

Example 3–1 Queue

```
<Location /queue>
  SetHandler weblogic-handler
  WebLogicCluster <<PrimaryHost>>:<PrimaryHost
Port>>,<<SecondaryHost>>:<SecondaryHost Port>>
  WLLogFile /tmp/web_log.log
</Location>
```

Example 3–2 EBIBOMConfigurator

```
<Location /EBIBOMConfigurator/ebibomconfigreturnservlet >
  SetHandler weblogic-handler
  WebLogicCluster
  <<PrimaryHost>>:<PrimaryHostPort>>,<<SecondaryHost>>:<SecondaryHost Port>>
  WLLogFile /tmp/web_log.log
</Location>
```

Enabling EBS Security

Note: There is a known issue regarding deployment. A workaround must be performed before deploying, or deployment will fail. For more information on this known issue, see the Release Notes for Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release, Release 3.5

After configuration of the EBS is complete, you must enable security in the three concurrent programs of the Design to Release: Agile - EBS Pre-Built Integration. To complete this task, perform the following steps:

1. Set **EBS Integration: SOA SERVER USER** system profile to Weblogic user.
2. Set the SOA Password using the SQL script: `inveipwd.sql`.

The file is located in **EBS APPLICATION_TOP** in the following folder: `APPL_TOP/inv/12.0.0/patch/115/sql/inveipwd.sql`.

You are prompted to enter the password for the SOA user to be encoded and stored. (This is used by Business Event to invoke RequestorABCS.) The password is stored in **FND_VAULT** under the module **EBI** and **Vault Key INV_EBI_SOA_PASSWORD**.

Configuring Initial Load

To configure the Agile Initial Load for the Design to Release: Agile - EBS Pre-Built Integration, perform the following steps:

Note: These steps are required to use the Initial Load for the Design to Release: Agile - EBS Pre-Built Integration.

1. Login to the EBS database
2. Locate and open the `EGO_EBI_ITEM_LOAD` package

3. Perform the following changes:

a. In the GENERATE_EVENTS procedure, replace the following query:

```
INSERT INTO EGO_EBI_ITEM_LOAD_LOG (INVENTORY_ITEM_ID, ORGANIZATION_ID,
EVENT_ID)
SELECT INVENTORY_ITEM_ID, ORGANIZATION_ID, NULL
FROM MTL_SYSTEM_ITEMS_B
WHERE ORGANIZATION_ID = p_organization_id
AND bom_item_type in (1, 2, 4)
AND customer_order_flag = 'Y'
AND customer_order_enabled_flag = 'Y';
```

With the following query:

```
INSERT INTO EGO_EBI_ITEM_LOAD_LOG (INVENTORY_ITEM_ID, ORGANIZATION_ID,
EVENT_ID)
SELECT INVENTORY_ITEM_ID, ORGANIZATION_ID, NULL
FROM MTL_SYSTEM_ITEMS_B
WHERE ORGANIZATION_ID = p_organization_id;
```

b. In the REGENERATE_FAILED_EVENT procedure, replace the following query:

```
DELETE FROM EGO_EBI_ITEM_LOAD_LOG
WHERE ORGANIZATION_ID = p_organization_id AND
EVENT_ID = p_event_id AND
INVENTORY_ITEM_ID NOT IN(
SELECT INVENTORY_ITEM_ID
FROM MTL_SYSTEM_ITEMS_B
WHERE ORGANIZATION_ID = p_organization_id
AND bom_item_type in (1, 2, 4)
AND customer_order_flag = 'Y'
AND customer_order_enabled_flag = 'Y');
```

With the following query:

```
DELETE FROM EGO_EBI_ITEM_LOAD_LOG
WHERE ORGANIZATION_ID = p_organization_id AND
EVENT_ID = p_event_id AND
INVENTORY_ITEM_ID NOT IN(
SELECT INVENTORY_ITEM_ID
FROM MTL_SYSTEM_ITEMS_B
WHERE ORGANIZATION_ID = p_organization_id);
```

4. Recompile the EGO_EBI_ITEM_LOAD package

Enabling the NPR & SYNC Flows

To enable the NPR & SYNC flows in the Design to Release: Agile - EBS Pre-Built Integration, you must update the config.properties file located in *NPRpx.jar*:

Note: Before performing any changes, back up the *NPRpx.jar* file.

1. In the Agile server, navigate to <AgileHome>/integration/sdk/extensions.
2. Unzip *NPRpx.jar*.
3. Open config.properties file.
4. Update *Host* and *Port* values for the following variables:

- a. `WS_LOCATION_CREATEITEMFLOW=http://<<FMWHost>>:<<ManagedPort>>/soa-infra/services/default/SyncItemListAgileReqABCS/client`
 - b. `WS_LOCATION_SYNCITEMFLOW=http://<<FMWHost>>:<<ManagedPort>>/soa-infra/services/default/SyncItemListAgileReqABCS/client`
5. Check that the value for **NPR_PX_TIMEOUT** is *90000000*. This is the recommended value.
6. Update the **SOA_LOGIN_USERNAME** and **SOA_LOGIN_PASSWORD** values with your username and password.
The password must be encrypted. To encrypt the password:
 - a. In the Agile Server, navigate to `<AgileHome>/agileDomain/bin`
 - b. For Agile PLM 9.3.5, run the encryption script `./encryptPwdUtil.sh` with parameters `-algorithm <encryption algorithm>`. For example, `./encryptPwdUtil.sh -algorithm {AES:128} -encrypt weblogic#1`
For Agile PLM 9.3.3 and 9.3.4, run the encryption script `/encryptpwd.sh`. Input the SOA login password when prompted.
7. Save your changes and rezip *NPRpx.jar*.
8. Restart the Agile Server.

Verifying Deployment

To verify the Design to Release: Agile - EBS Pre-Built Integration deployment:

1. Open the log files from the following location and look for warnings and error messages:
 - For Linux Based Systems: Review the install log located at `<DOMAIN_LOCATION>/soa/aia/logs` to verify that the integration is successfully installed.
 - For Microsoft Windows: Review the install log located at `<DOMAIN_LOCATION>\soa\ai\logs` to verify that the integration is successfully installed.
2. Confirm that the Design to Release: Agile - EBS Pre-Built Integration queue was installed.
 - a. Navigate to the PLM integration Queue Management console (`http://<server name>:<port number>/queue`).
 - b. Log in with the server admin user name. For access details, contact the system administrator.
3. Confirm that the Design to Release: Agile - EBS / PIM Pre-Built Integration processes were installed.
 - a. Navigate to the Oracle Enterprise Manager Fusion Middleware Control (`http://<server name>:<port number>/em/`).
 - b. Log in with the server admin user name. For access details, contact the system administrator.
 - c. Expand **Farm_soa_domain**, **SOA**, **soa-infra**, **Default** and look for the following items:

Note: Services marked as x are not available.

Table 3–2 *Design to Release: Agile - EBS Pre-Built Integration ESB Services*

Mediator Services	EBS with PIM + Agile with VM	EBS with PIM + Agile	EBS + Agile with VM	EBS + Agile
EBS				
BillOfMaterialsConfigurationEBS	x	x	x	x
ItemEBSV2				
EngineeringChangeOrderEBS				
EngineeringChangeOrderResponseEBS				
ItemBalanceEBS				
ItemBalanceResponseEBS				
ItemResponseEBSV2				
Adapter Services				
UpdateEngineeringChangeOrderStatusEbizEventConsumer				
CreateEngineeringChangeOrderListEbizAdapter				
GetConfiguratorURLEbizAdapter				
ProcessEbizItemBatchLoadEventConsumer				
QueryEngineeringChangeOrderListEbizAdapter				
QueryItemBalanceListEbizAdapter				
QueryItemListEbizAdapter				
QueryResponsibilityEbizAdapter				

Table 3–2 (Cont.) Design to Release: Agile - EBS Pre-Built Integration ESB Services

Mediator Services	EBS with PIM + Agile with VM	EBS with PIM + Agile	EBS + Agile with VM	EBS + Agile
SyncBillOfMaterialsConfigurationEbizJMSConsumer		x		x
SyncBillOfMaterialsConfigurationEbizJMSProducer		x		x
SyncItemListEbizAdapter				
ValidateEngineeringChangeOrderListEbizAdapter				
ACSAXMLJMSConsumer				
Utility Service				
CreateQueueControlService				
QueueProcessorService				

Also check for the items in [Table 3–3](#).

Note: Processes marked as x are not available.

Table 3–3 Design to Release: Agile - EBS Pre-Built Integration processes

BPEL Processes	EBS with PIM + Agile with VM	EBS with PIM + Agile	EBS+ Agile with VM	EBS+ Agile
CreateEngineeringChangeOrderListEbizProvABCSImpl				
CreateQueueService				
GenerateItemNumberService			x	x
GetConfiguratorURLEbizProvABCSImpl		x		x

Table 3–3 (Cont.) Design to Release: Agile - EBS Pre-Built Integration processes

BPEL Processes	EBS with PIM + Agile with VM	EBS with PIM + Agile	EBS+ Agile with VM	EBS+ Agile
GetConfiguratorURLAgileReqABCSImpl		x		x
ProcessItemListInitialLoadAgileABF				
ProcessItemListInitialLoadEbizABF				
ProcessEngineeringChangeOrderAgileReqABCSImpl				
QueueProcessorServiceImpl				
SyncBillOfMaterialsConfigurationAgileProvABCSImpl		x		x
SyncBillOfMaterialsConfigurationListEbizReqABCSImpl		x		x
SyncItemListAgileReqABCS				
SyncItemListAgileReqABCSImpl				
SyncItemListEbizProvABCSImpl				
UpdateEngineeringChangeOrderListAgileProvABCSImpl				
UpdateEngineeringChangeOrderListEbizReqABCSImpl				
UpdateItemBalanceListAgileProvABCSImpl				
UpdateItemBalanceListEbizReqABCSImpl				
UpdateItemListAgileProvABCSImpl				

Table 3–3 (Cont.) Design to Release: Agile - EBS Pre-Built Integration processes

BPEL Processes	EBS with PIM + Agile with VM	EBS with PIM + Agile	EBS+ Agile with VM	EBS+ Agile
UpdateItem ListEbizReq ABCImpl				
ValidateEngineeringChangeOrderListAgileReqABCImpl				
ValidateEngineeringChangeOrderListEbizProvABCImpl				
TransformAppContextEbizService				
UpdateEngineeringChangeOrderListEbizReqABCS				
UpdateItemBalanceListEbizReqABCS				
UpdateItemListEbizReqABCS				

Note: After deploying on Windows and restarting the SOA Server, two composites, ACSAXMLJMSConsumer and SyncBillofMaterialsConfigurationEbizJMSConsumer, cannot be started. For more information, refer to the Release Notes for Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release.

Note: If EBS is down, the GenerateItemNumberService does not deploy. An error is generated for the deployment of this service.

4. Confirm that the SOA Core Extension Manager components were successfully installed.
 - a. Navigate to the AIA Console URL: `http://<server name>:<port number>/sce`.
 - b. Log in with server admin user name.
 - c. Navigate to **Setup, System** to access the **Application Registry** page.
5. Check the rows for the following sets of values:

Table 3–4 Application Registry Values for Agile

Field	Value
Internal ID	AGILE_01
System Code	AGILE_01
System Description	Agile PLM Instance 01
IP Address	IP address of the Agile PLM system
URL	URL of the Agile PLM system
System Type	Agile
Application Type	PLM
Version	9.3.5 (Out of the Box) This can be edited to appropriate version of Agile PLM.

Table 3–5 Application Registry Values for EBS Agile

Field	Value
Internal ID	Database SID (Example: M00MQ102)
System Code	EBIZ_01
System Description	Oracle E-Business Suite Instance 01
IP Address	IP address of the EBS system
URL	URL of the EBS system
System Type	Ebiz
Application Type	EBIZ_01
Version	Oracle E-Business Suite Version (Example: 12.1.x, 12.1.x with PIM)

Validating Security Policies

For information on validating security policies for the Design to Release: Agile - EBS Pre-Built Integration, see *Oracle Application Integration Architecture Design to Release: Agile - EBS Implementation Guide*, "Security Policies Validation".

For more information about security validation, see *Oracle Fusion Middleware Developer's Guide for Oracle Application Integration Architecture Foundation Pack*, "Working with Security."

For integration implementation, see *Oracle Application Integration Architecture Design to Release: Agile - EBS Implementation Guide*.

Undeploying the Design to Release: Agile - EBS Pre-Built Integration

To undeploy the integration from Fusion Middleware Server:

1. Navigate to \$DOMAIN_LOCATION/soa/aia/bin and run the command `source aiaenv.sh` for Linux based systems and `aiaenv.bat` for Microsoft Windows to configure the environment.
2. Run the command for your platform.

Table 3–6 Un-deployment Command for the Design to Release: Agile - EBS Pre-Built Integration

Platform	Un-deployment Command
Linux	<pre>ant Uninstall -f \$SOA_HOME/aiafp/Install/AID/AIAInstallDriver.xml -DPropertiesFile=\$DOMAIN_LOCATION/soa/aia/bin/AIAInstallProperties.xml -DDeploymentPlan=\$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbizDPUndeployDP.xml -DDeploymentPolicyFile=\$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbizConditionalPolicyUndeploy.xml -DSupplementaryDeploymentPlan=\$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbizSupplementaryUndeployDP.xml -l \$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbizUndeployDP.log</pre>
Microsoft Windows	<pre>ant Uninstall -f %SOA_HOME%\aiafp\Install\AID\AIAInstallDriver.xml -DPropertiesFile=%DOMAIN_LOCATION%\soa\bia\bin\AIAInstallProperties.xml -DDeploymentPlan=%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEbizDPUndeployDP.xml -DDeploymentPolicyFile=%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEbizConditionalPolicyUndeploy.xml -DSupplementaryDeploymentPlan=%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEbizSupplementaryUndeployDP.xml -l %SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEbizUndeployDP.log</pre>

Note: The log file may show that undeploying has failed. Actually, all deployed composites and applications are removed successfully. To avoid the failure, see the Release Notes for Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release for more information on how to apply the workaround.

3. Restart the SOA server.
4. Uninstall the integration.