

Oracle® Application Integration Architecture

Agile Product Lifecycle Management for Oracle E-Business
Suite: Design to Release Install Guide

Release 3.6

E88835-06

August 2018

Oracle Application Integration Architecture Agile Product Lifecycle Management for Oracle E-Business Suite: Design to Release Install Guide Release 3.6

E88835-06

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Preface

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

Documentation Accessibility

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<http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

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.

Preparing for AgileToEbiz PIP 3.6 Installation

Before you start the installation of the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite 3.6.0.0.0 (AgileToEbiz PIP 3.6) in an Oracle Service-Oriented Architecture Suite (Oracle SOA Suite) environment, make sure that the system meets the following software requirements. And you can obtain the software from Oracle Software Delivery Cloud.

Software Requirements

The Design to Release: AgileToEbiz PIP 3.6 requires:

- Agile Product Lifecycle Management Release 9.3.6, 9.3.5, 9.3.4
- Oracle Fusion Middleware Infrastructure 12.2.1.1.0
- Oracle SOA Suite 12.2.1.1.0
- 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) 12-12.2.7
 - EBS Release(R) 12-12.2.6
 - 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
 - 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.

Obtaining Software

Oracle products are distributed as Media Packs. A Media Pack is an electronic version of the software. Refer to the Media Pack description or the list of products that you purchased on your Oracle ordering document. Then, view the Quick Install Guide License List to help you decide which Product Pack you need to select in order to search for the appropriate Media Pack(s) to download. Prior to downloading, verify that the product you are looking for is in the License and Options section of the E-Pack Readme. Oracle recommends that you print the Readme for reference.

To Download the Oracle AgileToEbiz PIP 3.6 (Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite 3.6.0.0.0) Media Pack from the Oracle Software Delivery Cloud:

1. Navigate to the Oracle Software Delivery Cloud. [<https://edelivery.oracle.com>]
2. In the Search field, type Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite 3.6.0.0.0.
3. In the list of products, select "DLP: Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite 3.6.0.0.0"
 - REL - a specific set of functionality
 - DLP - a collection of related Releases
4. Click Selected Software
5. From the Select Platform list, choose your platform, All/Linux x86-64/Microsoft Windows x64 (64-bit) for Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release 3.6.0.0.0 and Oracle SOA Suite 12.2.1.1.0.
6. Click Continue.
7. Review the license agreement, then check the box if you accept the terms and click Continue.
8. Click the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite 3.6.0.0.0 Media Pack link (V971125-01.zip) for your platform.
9. Download the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release 3.6.0.0.0 file.
10. Click the Oracle SOA Suite 12.2.1.1.0 Quick Start with Oracle BPEL Process Manager and Oracle Business Activity Monitoring - Oracle Fusion Middleware 12c (V138474-01_1of2.zip and V138474-01_2of2.zip) for your platform.
11. Download the Oracle SOA Suite 12.2.1.1.0 files.

All Oracle Software Delivery Cloud files have been archived using Info-ZIP's highly portable Zip utility. After downloading one or more of the archives, you must use the UnZip or the Winzip utility to extract the files. You must unzip the archive on the intended platform. Verify that the file size of your downloaded file matches the file size displayed by the Oracle Software Delivery Cloud. Unzip each Zip file to its own temporary directory.

Before Installing AgileToEbiz PIP 3.6

This chapter describes how to install and configure prerequisites.

AgileToEbiz PIP 3.6 Prerequisites

The following items are required to be done before the install:

- Preparing Two Database DBA Users
- Installing the Server JDK
- Installing Oracle Fusion Middleware Infrastructure
- Installing Oracle SOA Suite
- Running the Repository Creation Utility for RCU Schema
- Running the Config Script to Create SOA Domain
- Installing SCE Package
- Extending the Created SOA Domain
- Validating the Domain Extension
- Configuring the SCE
- Running the Post Install

Preparing Two Database DBA Users

The application server software for AgileToEbiz PIP 3.6 requires two schemas: one is RCU schema (see [Running the Repository Creation Utility for RCU Schema](#)) for creating SOA Domain, and another is PIP schema (see [PIP Database Connect Details Screen for PIP Schema](#)) for creating PIP related tables, so you need to prepare two database dba users.

Installing the Server JDK

The application server software for AgileToEbiz PIP 3.6 requires a 64-bit JDK be installed in order to perform the installation. Download and install a supported JDK from the downloads link on the Oracle Technology Network website.

Installing Oracle Fusion Middleware Infrastructure

The SOA Suite requires that Oracle Fusion Middleware Infrastructure, which includes Oracle WebLogic Server, be installed before installing the Oracle SOA Suite. The Oracle Fusion Middleware Infrastructure installer installs additional components

including Java-required files, Oracle Web Services Manager, Oracle Enterprise Manager, and Oracle Platform Security Services.

Note: Oracle Fusion Middleware 12c Infrastructure version 12.2.1.1 can be downloaded by logging into Oracle Software Delivery Cloud (<https://edelivery.oracle.com>), searching with the term "Oracle Fusion Middleware 12c Infrastructure" and choosing "REL: Oracle Fusion Middleware 12c Infrastructure 12.2.1.1.0".

To install the Oracle Fusion Middleware Infrastructure:

1. Download the Oracle Fusion Middleware 12c Infrastructure version 12.2.1.1 distribution to your machine and extract its contents.
2. Open a command window and set JAVA_HOME to the location of the previously installed JDK.
3. Run the following command: `$JAVA_HOME\bin\java -jar fmw_12.2.1.1.0_infrastructure.jar`
4. Click Next.
5. Type the path that you want to install the Oracle Fusion Middleware Infrastructure and make a note of this location because you will need it later during the installation.
6. Click Next on all panels until Installation Summary.
7. Click Finish to complete the installation.

Installing Oracle SOA Suite

The AgileToEbiz PIP 3.6 should be deployed on SOA Server, and SOA Server requires that Oracle Fusion Middleware Infrastructure 12.2.1.1, which includes Oracle WebLogic Server, be installed before installing the SOA Suite.

1. Copy the Oracle SOA Suite 12.2.1.1.0 (fmw_12.2.1.1.0_soa_quickstart.jar and fmw_12.2.1.1.0_soa_quickstart2.jar) files from the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite Package to your machine.
2. Open a command window and set JAVA_HOME to the location of the previously installed JDK.
3. Run the following command: `$JAVA_HOME\bin\java -jar fmw_12.2.1.1.0_soa_quickstart.jar`.
4. Click Next.
5. Type the path that you installed the Oracle Fusion Middleware Infrastructure and make a note of this location because you will need it later during the installation.
6. Click Next on all panels until Installation Summary.
7. Click Finish to complete the installation.

Running the Repository Creation Utility for RCU Schema

The Repository Creation Utility (RCU) creates database schemas required by Oracle Fusion Middleware Infrastructure. It must be run before creating the soa domain.

Note: Creating the SOA domain requires fresh RCU repository. If a previously installed environment is being reinstalled, then its associated RCU repository must be dropped and recreated before recreating SOA domain.

To create the repository using RCU:

1. In a command window, change to the directory, `$ORACLE_HOME\oracle_common\bin`.

ORACLE_HOME is the location of the Oracle Fusion Middleware Infrastructure 12.2.1.1
2. Run the following commands for Windows and UNIX: Windows `rcu.bat` Linux: `./rcu`
3. On the Welcome page, click Next.
4. On the Create Repository page, select System Load and Product Load and then click Next.
5. On the Database Connection Details page, enter the RCU database connection information, then click Next.
6. On the Select Components page, type a prefix for schemas that you want to create. You should consider setting the RCU schema prefix to the soa domain schema name so it is clear with which soa domain schema the RCU schemas are associated. Make a note of the schema prefix because they are needed during creating soa domain.
7. Select the following repository components under AS Common Schemas:
 - Common Infrastructure Services (selected by default)
 - User Messaging Services
 - Metadata Services
 - Weblogic Services
 - Oracle Platform Security Services
 - Audit Services Append
 - Audit Services
 - Audit Services Viewer
 - SOA Infrastructure
8. Click Next. On the Schema Passwords page, type the password that should be used for all schemas. You can also type different passwords for each schema.
9. Click Next.

A table of default and temp Tablespaces is displayed on the Map Tablespaces page.
10. Click Next.
11. Click Create to complete the RCU installation.

Running the Config Tool to Create a SOA Domain

The config tool creates soa domain. It must be run before installing SCE package.

To Create the SOA Domain using config:

1. In a command window, change to the directory `$ORACLE_HOME\oracle_common\common\bin`.

ORACLE_HOME is the location of the Oracle Fusion Middleware Infrastructure 12.2.1.1
2. Run the following command for Windows and UNIX:

Windows: `config.bat`
Linux: `./config.sh`
3. On the Welcome page, select Create a new domain, change the domain name to `soa_domain` by modify the location from `base_domain` to `soa_domain`, then click Next.
4. Select the following components under Available Templates:

Basic Weblogic Server Domain - 12.2.1.1.0 [wlserver]* (selected by default)
Oracle SOA Suite - 12.2.1.1.0 [soa]
Oracle Enterprise Manager - 12.2.1.1.0 [em]
Oracle WSM Policy Manager - 12.2.1.1 [oracle_common]
Oracle JRF - 12.2.1.1.0 [oracle_common]
Weblogic Coherence Cluster Extension - 12.2.1.1.0 [wlserver]
5. Click Next. Keep default for Application Location Page, then Click Next.
6. Type the password twice, then Click Next.
7. Change the Domain Mode to Production, then Click Next.
8. Type in the RCU Data which you created in above section, Click Get RCU Configuration button, make sure the connection is success, then Click Next.
9. Keep default for JDBC Component Schema, Click Next.
10. Wait for the JDBC Component Schema Test to complete, then Click Next.
11. Keep default for Keystore, Click Next.
12. Enable Administration Server, NodeManager and Topology in Advanced Configuration, then Click Next.
13. Update Listen Address to hostname, then Click Next.
14. Type in NodeManager Credentials: Username and Password, then Click Next.
15. Update Listen Address to hostname, then Click Next.
16. Click Next for Clusters Page.
17. Keep default for Coherence Cluster, Click Next.
18. Click Add button, switch to Unix Machine tab for Linux:

Optional: update the Name (for example: PIP)
Update Node Manager Listen Address to hostname
For Cluster environment:
 - On Machine tab, delete default machine

- On Unix Machine tab, add two boxes, also set Node manager listen address to hostname, others left default
 - clusterhost1 ... clusterhost1
 - clusterhost2 ... clusterhost2
- 19. Click Next. Add AdminServer and soa_server1 to the created machine PIP.
For Cluster environment:
 - Assign AdminServer and soa_server1 to clusterhost1
 - Assign soa_server2 to clusterhost2
- 20. Keep default for Virtual Targets, Click Next.
- 21. Keep default for Partitions, Click Next.
- 22. Click Create to create the SOA domain.

Installing SCE Package

To install the SCE Package:

1. Copy the SCE Package (d2r_home_installer_generic.jar) file from the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite Package (V971125-01.zip) to your machine.
2. Install it into a new D2R Installation Directory (best practice is to put the D2R Installation Directory and ORACLE_HOME, ORACLE_HOME in the same location as Oracle Fusion Middleware Infrastructure 12.2.1.1).
3. Once installed, go to \$D2R_HOME/comms_home/src/SCEApp and execute the file: SCEApp.sh

Provide the SOA Middleware home path (from Setup base middleware section). It will copy relevant files and complete.

Note: For windows environment, the zip files must be extracted manually first and then run the script to follow instructions.

Note: For cluster setups the files must be moved manually to each host and the Middleware home must be updated accordingly.

Extending the Created SOA Domain

To extend the Created SOA Domain:

1. In a command window, change to the directory, \$ORACLE_HOME\oracle_common\common\bin.

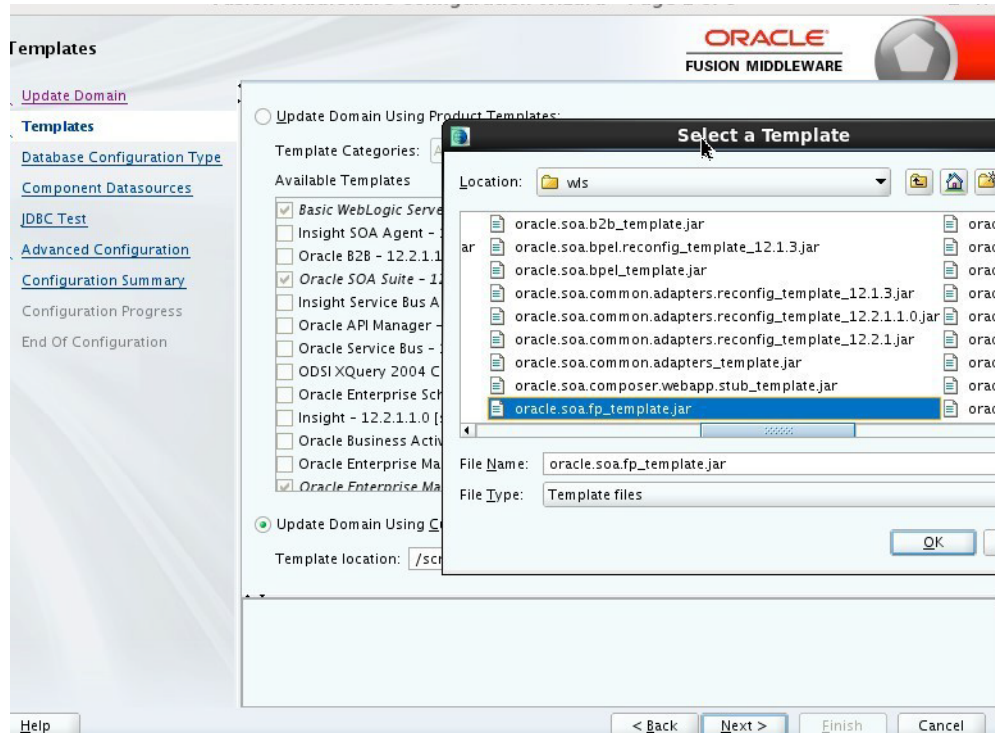
ORACLE_HOME is the location of the Oracle Fusion Middleware Infrastructure 12.2.1.1

2. Run the following commands for Windows and UNIX:

Windows: config.bat

Linux: ./config.sh

3. On the Welcome page, select Update an existing domain and select the soa_ domain location, then click Next.
4. Select Update Domain Using Custom Template, then click Browse button.
5. Browse and select the jar oracle.soa.fp_template.jar from "\$ORACLE_HOME /soa/common/templates/wls", then click Next.



6. Keep RCU schema information, Click Get RCU Configuration button, make sure the connection is success, then Click Next.
7. Keep default for Component Datasources, Click Next.
8. Click Next for the JDBC Test.
9. Enable Topology in Advanced Configuration, then Click Next.
10. Click Next for Managed Servers.
11. Click Next for Clusters.
12. Click Next for Coherence Clusters.
13. Click Next for Machines.
14. Click Next for Assign Servers to Machines.
15. Click Next for Virtual Targets.
16. Click Next for Partitions.
17. Click Update to update the SOA domain.

Setting up a Secondary Server for a Cluster (Optional)

To setup an optional Secondary Server for a Cluster:

1. Go to primary server, cd /\$CLUSTER_DOMAIN/bin

2. Start the Node Manager by triggering
startNodeManager.sh/startNodeManager.bat
3. Start admin server by triggering startWeblogic.sh/startWeblogic.bat
4. Login Console <http://clusterhost1:portnumber/console>, go to Environment -> servers -> Control, start soa_server1.
5. Pack and unpack
Pack on primary server
 - `./pack.sh -managed=true -domain=/$SOA_HOME/user_projects/domains/cluster_domain/ -template=soadomaintemplate.jar -template_name=soa_domain_template`

Copy soa_domain_template.jar file from primary server to secondary server
/\$SOA_HOME/oracle_common/common/bin

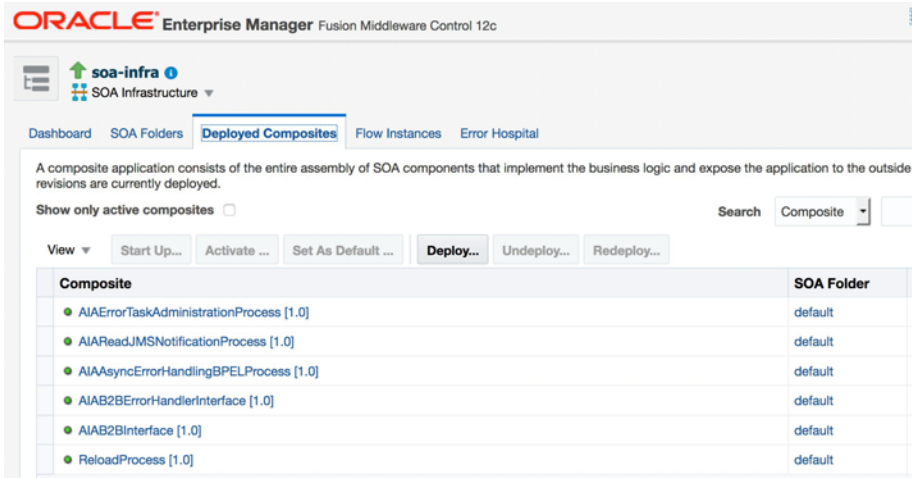
Copy soa_domain_template.jar file from primary server to secondary server
/\$SOA_HOME/oracle_common/common/bin

 - `./pack.sh -managed=true -domain=/$SOA_HOME/user_projects/domains/cluster_domain/ -template=soadomaintemplate.jar -template_name=soa_domain_template`
6. Go to secondary server, `cd /$CLUSTER_DOMAIN/bin`
7. Start the Node Manager by triggering
startNodeManager.sh/startNodeManager.bat
8. Start secondary server by triggering `./startManagedWebLogic.sh soa_server2`
<http://clusterhost1:portnumber/> or `startManagedWebLogic.bat soa_server2`
<http://clusterhost1:portnumber/>

Validating the Domain Extension

To validate the Domain Extension:

1. Start the admin and soa servers.
2. Navigate to the Oracle Enterprise Manager Fusion Middleware Control (<http://<server name>:<port number>/em/>).
3. Click Target Navigation, expand SOA folder, click soa-infra.
4. Click Deployed Composites tab, the error handler related processes and reload process should be listed.



If those six composites are not been listed under the Deployed Composites tab, you need double check your previous steps, and make sure you follow each steps correctly.

Configuring the SCE

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, it is case sensitive.
soaserver	In a clustered environment, enter Cluster Name. Otherwise, enter Managed Server name.
soaserverhostname	In a clustered environment, enter HTTP Proxy hostname. Otherwise, enter Managed Server hostname.
soaserverport	In a clustered environment, enter HTTP Proxy Port. Otherwise, enter Managed Server port.

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

Field	Value
	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>12.2.1.1.0</version>
    <server>
      <adminhostname>hostname.us.oracle.com</adminhostname>
      <adminport>7037</adminport>
      <domainname>soa_domain</domainname>
      <username>weblogic</username>
      <password>ADMIN_PASSWORD</password> <!--Do not edit this property.-->
      <servertype>Cluster</servertype>
      <soaserver>soa_cluster</soaserver>
      <soaserverhostname>hostname.us.oracle.com</soaserverhostname>
      <soaserverport>7777</soaserverport>
    </server>
  </fp>
  <jndiurl>t3://hostname.us.oracle.com:8037,hostname2.us.oracle.com:8037</jndiurl>
</properties>
```

Example 2–2 An example of a standalone environment

```
<?xml version="1.0" encoding="UTF-8"?>
<properties>
  <aiaDomain>
    <sharedlocation>CLUSTER_SHARED_LOCATION</sharedlocation>
    <isencrypted>>false</isencrypted>
  </aiaDomain>
  <fp>
    <version>12.2.1.1.0</version>
    <server>
      <adminhostname>hostname.us.oracle.com</adminhostname>
      <adminport>7001</adminport>
      <domainname>soa_domain</domainname>
      <username>weblogic</username>
      <password>ADMIN_PASSWORD</password> <!--Do not edit this property.-->
      <servertype>Server</servertype>
      <soaserver>soa_server1</soaserver>
      <soaserverhostname>hostname.us.oracle.com</soaserverhostname>
      <soaserverport>7003</soaserverport>
      <jndiurl>t3://hostname.us.oracle.com:7003</jndiurl>
    </server>
  </fp>
</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.

Running the Post Install

Run the following commands to create the AIA Home which will be used for installing AgileToEbiz PIP:

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`

```
bash-4.1$ source aiaenv.sh
bash-4.1$ echo $SOA_HOME
/scratch/jiwan/Oracle/Middleware12.2.1.1/Oracle_Home/soa
bash-4.1$ ant -f $SOA_HOME/aiafp/Install/config/FPPostInstall.xml
Java HotSpot(TM) 64-Bit Server VM warning: ignoring option MaxPermSize=512m; sup
port was removed in 8.0
Buildfile: /scratch/jiwan/Oracle/Middleware12.2.1.1/Oracle_Home/soa/aiafp/Instal
l/config/FPPostInstall.xml

-setProjectDirByUserInput:
[input] Please enter the SCE Services Location:
/apps/agile/product/AgileToEbizPIP3.6

-setProjectDirByEnv:

-createProjectDir:
[echo] INFO: Create services location directory and set up the file based M
DS
[echo] INFO: Services location is : /apps/agile/product/AgileToEbizPIP3.6/s
oainfra/apps
[mkdir] Created dir: /apps/agile/product/AgileToEbizPIP3.6/soainfra/apps
```

Note: You will be asked to set the SCE Services Location which is the same as AIA Home Path (eg: apps/agile/product/AgileToEbizPIP3.6). It will be used for AgileToEbiz PIP 3.6 installation.

You will also be asked for the Admin User and Password.

The script will be finished in minutes. It should be "BUILD SUCCESSFUL".

Validating the Post Install

After the post install run successfully, two ways to validate the running status of post install:

1. Services location folder should be created.
2. SERVICES_LOCATION should be updated to aiaenv.sh or aiaenv.bat file.

Installing and Deploying AgileToEbiz PIP 3.6

This chapter discusses how to install and deploy AgileToEbiz PIP 3.6.

Installing AgileToEbiz PIP 3.6

To install AgileToEbiz PIP 3.6:

1. Copy the AgileToEbizPIP3.6 package files from the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite Package(V971125-01.zip) to your machine.
2. Navigate to the Agile2EbizPIP3.6 directory.
3. 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.

4. Click Next.
5. Enter the Name and Path
 - AIA Name: AgileToEbizPIP
 - AIA Home Path: which should be the SCE Services Location you typed in post install (eg: /apps/agile/product/AgileToEbizPIP3.6)

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

6. Click Next.
7. 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"
8. 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 3-1.

Table 3-1 SOA Admin Server Details Screen Fields

Field	Description
Admin Hostname	The value is the hostname 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 3-2.

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

Field	Description
SOA Domain Name	This is a 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.

Table 3–3 SOA Sever 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:

If installing in a cluster environment:

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 3-4.

Table 3–4 EBS Server Connect Details Screen Fields

Field	Description
EBS Hostname	Specifies the hostname of the Oracle E-Business Suite application. Example: example1.corp.oracle.com. E-Business Suite hostname 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 3-5.

Table 3–5 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. If you choose the version with PIM, then you need do more configuration after the installation has been completed.
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 3-6.

Table 3–6 EBS Database Details Screen Fields

Field	Description
EBS Database Hostname	Specifies the hostname. 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

Table 3–7 Agile PLM Server Connect Details Screen

Field	Description
Agile PLM Hostname	Specifies the hostname. 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

Table 3–7 (Cont.) Agile PLM Server Connect Details Screen

Field	Description
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

Use this screen to enter details related to your Agile PLM instance. The screen contains the fields listed in Table 3-7.

Table 3–8 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 9.3.6, Agile PLM 9.3.5, or Agile PLM 9.3.4 and have enabled Web Services Security, then select the checkbox.

PIP Database Connect Details Screen for PIP Schema

Table 3–9 PIP Database Connect Details Screen Fields

Field	Description
PIP Schema Database Hostname	Specifies the database hostname. 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 3-10.

Table 3–10 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.
Create a password for the schema.	Create a password for the schema.

Table 3–10 (Cont.) PIP Schema Details Screen Fields

Field	Description
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 3-11.

Table 3–11 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.
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 where AIA stores the XML files that contain Initial Load Item data from Oracle E-Business Suite.
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.

Note: In a clustering PIP D2R environment, put the folders in \$SHARED_LOCATION.

Complete Installation

Use these instructions to complete the 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 Linux: `./setup_lin.bin -r <response file path and name>`. On Windows: `setup_win.exe -r <response file path and name>`.

You can install using the steps described in the Section, "Install using the Response File" below.

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.

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 3.6 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.

Prerequisites for Deploying AgileToEbiz PIP

Prerequisite for E-Business Suite version 12.2.2 or later

To install Design to Release: AgileToEbiz PIP 3.6 with E-Business Suite version 12.2.2 or later, and you chose the E-Business Suite version with PIM, you must perform the following steps before deploying the AgileToEbiz 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://isghostname.us.oracle.com:8088/soa-infra/services/default/XZ1ST226_BSO_inv_ebi_item_GenerateItemNumberService/GenerateItemNumberService_Service?wsdl
 - generateitemnumberserviceendpointuri Endpoint URI of the Genenerate Item Number service on the the EBS ISG server. For example,
http://isghostname.us.oracle.com:8088/soa-infra/services/default/XZ1ST226_BSO_inv_ebi_item_GenerateItemNumberService/GenerateItemNumberService_Service

```

<?xml version="1.0" encoding="UTF-8" ?>
<properties>
  <aiaDomain>
    <sharedlocation>CLUSTER_SHARED_LOCATION</sharedlocation>
    <isencrypted>true</isencrypted>
  </aiaDomain>
  <fp>
    <participatingapplications>
      <ebiz>
        <server>
          <internal>
            <host>ebshostname.us.oracle.com</host>
            <port>8000</port>
            <username>mfg</username>
            <password>[C87F77e91b</password>
            <version>12.2.x [with PIM] </version>
            <protocol>http</protocol>
          </server>
          <db>
            <generateitemnumberservicewsdlurl>
              http://isghostname.us.oracle.com:8088/soa-infra/services/default/XZ1ST226_BSO_inv_ebi_item_GenerateItemNumberService/GenerateItemNumberService_Service?wsdl</generateitemnumberservicewsdlurl>
            <generateitemnumberserviceendpointuri>
              http://isghostname.us.oracle.com:8088/soa-infra/services/default/XZ1ST226_BSO_inv_ebi_item_GenerateItemNumberService/GenerateItemNumberService_Service</generateitemnumberserviceendpointuri>
            </ebiz>
          </agile>
        </participatingapplications>
      </fp>
    </aiaDomain>
  </properties>

```

Updating MDS

To update MDS before deploying AgileToEbiz PIP:

Navigate to \$DOMAIN_LOCATION/soa/aia/bin, run the following installation file for your platform:

- Linux


```
source 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/UpdateMetaDataFileDP.xml
```
- Windows


```
aiaenv.bat

ant -f %SOA_HOME%\aiafp\Install\AID\AIAInstallDriver.xml
-DPropertiesFile=%DOMAIN_
LOCATION%\soa\aiabin\AIAInstallProperties.xml
-DDeploymentPlan=%DOMAIN_
LOCATION%\soa\aiabin\MDSUtils\UpdateMetaDataFileDP.xml
```

It will also ask for Admin user and password

Depolying the Design to Release: AgileToEbizPIP 3.6

To deploy AgileToEbiz PIP to SOA Server

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

Table 3–12 Deployment Command for the Design to Release: AgileToEbiz PIP

Platform	Deployment Command
Linux x86-64	sh \$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbiz DP.sh
Microsoft Windows x64 (64-bit)	%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEb izDP.bat

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".

Verifying Deployment

To verify AgileToEbiz PIP 3.6 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 \$SERVICES_LOCATION/pips/AgileToEbiz/DeploymentPlans/ to verify that the integration is successfully installed.
 - For Microsoft Windows: Review the install log located at %SERVICES_LOCATION%\pips\AgileToEbiz\DeploymentPlans\ to verify that the integration is successfully installed.
2. Confirm that the Design to Release: AgileToEbiz queue was installed.
 - Navigate to the PLM integration Queue Management console (<http://<server name>:<port number>/queue>).
 - Log in with the server admin user name. For access details, contact the system administrator.
3. Confirm that the Design to Release: AgileToEbiz processes were installed.
 - Navigate to the Oracle Enterprise Manager Fusion Middleware Control (<http://<server name>:<port number>/em/>).
 - Log in with the server admin user name. For access details, contact the system administrator.
 - Click Target Navigation, expand SOA folder, click soa-infra and look for the following items:

Note: Services marked as x are not available.

Table 3–13 Design to Release: AgileToEbiz PIP 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				

Table 3–13 (Cont.) Design to Release: AgileToEbiz PIP ESB Services

Mediator Services	EBS with PIM	EBS with	EBS + Agile	
	+ Agile with VM	PIM + Agile	with VM	EBS + Agile
ItemBalance ResponseEBS				
Adapter Services				
UpdateEngineeringCh angeOrderStatusEbiz Even tConsumer				
CreateEngineeringCh angeOrderListEbizAd apter				
GetConfiguratorURL EbizAdapter				
ProcessEbizItemBatch LoadEventConsumer				
QueryEngineeringCh angeOrderListEbizAd apter				
QueryItemBalanceList EbizAdapter				
QueryItemlistEbizAd apter				
QueryResponsibilityE biz Adapter				
SyncBillOfMaterialsC onfigurationEbizJMS Cons umer		x		x
SyncBillOfMaterialsC onfigurationEbizJMSP roducer		x		x
SyncItemListEbizAda pter				
ValidateEngineeringC hangeOrderListEbizA dapter				
ACSAXMLJ				
MSConsumer				
Utility Service				
CreateQueueControls ervice				
QueueProcessorServic e				

Also check for the items in Table 3-14.

Note: Services marked as x are not available.

Table 3–14 Design to Release: AgileToEbiz PIP 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
GetConfiguratorURLAgileReqABCSImpl		x		x
ProcessItemListInitialLoadAgileABF				
ProcessItemListInitialLoadEbizABF				
ProcessEngineeringChangeOrderAgileReqABCSImpl				
QueueProcessorServiceImpl				
SyncBillOfMaterialsConfigurationAgileProvABCSImpl		x		x
SyncBillOfMaterialsConfigurationListEbizReqABCSImpl		x		x
SyncItemListAgileReqABCS				
SyncItemListAgileReqABCSImpl				
SyncItemListEbizProvABCSImpl				
UpdateEngineeringChangeOrderListAgileProvABCSImpl				
UpdateEngineeringChangeOrderListEbizReqABCSImpl				
UpdateItemBalanceListAgileProvABCSImpl				
UpdateItemBalanceListEbizReqABCSImpl				
UpdateItemListAgileProvABCSImpl				
UpdateItemListEbizReqABCSImpl				

Table 3–14 (Cont.) Design to Release: AgileToEbiz PIP processes

BPEL Processes	EBS with PIM + Agile with VM	EBS with PIM + Agile	EBS+ Agile with VM	EBS+ Agile
ValidateEngineeringC hangeOrderListAgile ReqABCSImpl				
ValidateEngineeringC hangeOrderListEbizPr ovABCSImpl				
TransformAppContex tEbizService				
UpdateEngineeringCh angeOrderListEbizRe qABCS				
UpdateItemBalanceLi stEbizReqABCS				
UpdateItemListEbizR eqABCS				

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.
 - Navigate to the AIA Console URL: <http://<server name>:<port number>/sce>.
 - Log in with server admin user name.
 - Navigate to Setup, System to access the Application Registry page.
5. Check the rows for the following sets of values:

Table 3–15 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

Table 3–15 (Cont.) Application Registry Values for Agile

Field	Value
Application Type	PLM
Version	9.3.6 (Based on your selected Agile PLM version) This can be edited to appropriate version of Agile PLM.

Table 3–16 Application Registry Values for EBS

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: 12.2.x, 12.2.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: AgileToEbiz PIP

To undeploy AgileToEbiz PIP from SOA 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 3–17 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/AgileToEbiz DPUndeployDP.xml -DDeploymentPolicyFile=\$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbiz ConditionalPolicyUndeploy.xml -DSupplementaryDeploymentPlan=\$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbiz SupplementaryUndeployDP .xml -l \$SERVICES_ LOCATION/pips/AgileToEbiz/DeploymentPlans/AgileToEbiz UndeployDP.log</pre>
Microsoft Windows	<pre>ant Uninstall -f %SOA_ HOME%\aiafp\Install\AID\AIAInstallDriver.xml -DPropertiesFile=%DOMAIN_ LOCATION%\soa\iaa\bin\AIAInstallProperties.xml -DDeploymentPlan=%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEb izDPUndeployDP.xml -DDeploymentPolicyFile=%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEb izConditionalPolicyUndeploy.xml -DSupplementaryDeploymentPlan=%SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEb izSupplementaryUndeployDP.xml -l %SERVICES_ LOCATION%\pips\AgileToEbiz\DeploymentPlans\AgileToEb izUndeployDP.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.

After Deploying AgileToEbiz PIP 3.6

This chapter describes how to configure PIP on a SOA Server.

Enable Global Trust between the weblogic domains: Agile and PIP FMW

Agile FMW

1. Login Agile PLM WLS console: `http://agilehostname:agilehostport/console` as **superadmin:agile1**.
2. Lock&Edit
3. Go to Settings for agileDomain -> Security -> General -> Advanced, set Credential and Confirm Credential to **weblogic#1**
4. Change Center -> Activate Changes.
5. Save

PIP FMW

1. Login AIA WLS console: `http://piphostname: piphostport/console` with **weblogic/weblogic#1**
2. Lock&Edit
3. Go to soa_domain configuration: Security -> General -> Advanced, set Credential and Confirm Credential to **weblogic#1**
4. Save.

Note: Please insert your system's information in place of the **bold** text.

Modify Transaction Values

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:
 - Log in to the Oracle Enterprise Manager Fusion Middleware Control.
 - Expand SOA folder, right click soa_infra.
 - Select SOA Administration, BPEL Properties.
 - Click link More BPEL Configuration Properties.
 - Change the value of **SyncMaxWaitTime** from 45 to 120.
 - Click Apply.

Setup CHANGE_STATUS Table for workflow

- oqlplus **plmpip(PIP Schema Name)/plmpip(PIP Schema password)@dbhostname:dbportnumber/pip**
- Run command:

```
insert into CHANGE_STATUS values('Change  
Implemented','SUCCESS','ECO','Default Change Orders','Implemented');  
insert into CHANGE_STATUS values('Change  
Implemented','SUCCESS','MCO','Default Manufacturer Orders','First Article  
Complete');  
insert into CHANGE_STATUS values('Change  
Implemented','SUCCESS','SCO','Default Sites Change Orders','Implemented');  
commit;
```

Note: Please insert your system's information in place of the **bold** text.

DVM Update

- Login `http://piphostname:soaport/soa/composer` with **admin user name/admin user password**
- Open AGILE_SITE_TARGET_MAPPING.dvm, set TARGET_VALUE to '**V1**' of '**DEFAULT_MASTER_ORG**', and TARGET_VALUE to '**V1**' of '**India**', save&commit.
- Open AGILE_TARGET_SITE_MAPPING.dvm, set TARGET_VALUE to '**V1**', '**AGILE_SITE**' to '**India**', save&commit.
- Open ECO_STATUS_CODE.dvm, For row that COMMON is 'IMPLEMENTED', change AGILE_01 to '**Implemented**'. save&commit.
- Open ECO_TYPECODE.dvm, add 'SCO': EBIZ_01: 1017, COMMON: SCO, AGILE_01: SCO. save&commit.
- Open ITEM_STATUS_CODE.dvm, For row that COMMON is 'DESIGN', change AGILE_01 to '**Design**'; add 'Preliminary': EBIZ_01: **Prelim**, COMMON: PRELIMINARY, AGILE_01: **Preliminary**. save&commit.
- Open ITEM_UOM_CODE.dvm, For row that COMMON is 'EACH', change AGILE_01 to 'Each'. save&commit.

The information below is for Ebiz 12.2.4 and later

- Open AGILE_INTEGRATION_USERS.dvm, set AGILE_01 to **Administrator**, **admin (admin)**, COMMON to System Administrator, EBIZ_01 to **mfg**.

Note: Please insert your system's information in place of the **bold** text.

Resume Queue

- Login `http://piphostname:soapport/queue` as **admin_ujser_name/admin_user_password**
- Search ProcessECO, press resume.
- Search ValidateECO, press resume.

Note: Please insert your system's information in place of the **bold** text.
