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Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release 2.5

PIP Installation and Configuration Procedures - Part 1

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Purpose:

This document provides an overview of install procedures for the Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release 2.5. It is intended solely to help you assess the business benefits of upgrading your existing Oracle products to Release 2.5, or implementing completely new Oracle developed products, and planning your I.T. Projects.

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This document is for informational purposes only and is intended solely to assist you in planning for the implementation and upgrade of the product features described. This is not a commitment to deliver any material, code, or functionality, and should not be relied upon in making purchasing decisions. The development, release, and timing of any features or functionality is always at Oracle's sole discretion. This document is not considered part of the applicable program documentation.

Due to the nature of the product architecture, it may not be possible to safely include all features described in this document without risking significant destabilization of the code.

Agenda

PART 1

- **Software Pre-Requisites**
- **Pre-Requisites and Patches**
- **Pre-Installation Configurations for Foundation Pack (FP) and PIP Installs**
- **Foundation Pack and PIP install**
- **Post Install Instructions and Validations**
- **Applying Patches Post FP and PIP Install**
- **Setting up Participating Applications – Ebiz**
 - **PIM Spoke Source System set up**
 - **Forward flows set up**
 - **Reverse flows set up**
- **Resources**
- **Questions**

PART 2

- **Setting up Participating Applications – Agile**
- **Resources**
- **Glossary**
- **Questions**

PIP Installation and Configuration

Software Pre-Requisites for PIP Installation

Applications

- **EBIZ:**

- EBIZ 11.5.10 CU2
- EBIZ 12.1.1 or 12.1.1 with PIM

- **AGILE:**

- Agile PLM 9.2.2.x - where “x” can be either 6 or 7 on Oracle Application Server 10.1.3.4
- Agile PLM 9.3.x - where “x” can be either 0 or 1 on Oracle Application Server 10.1.3.4
- Agile PLM 9.3.x with Variant Management - where “x” can be either 0 or 1 on Oracle Application Server 10.1.3.4

Additional software

- Oracle Database 10g Release 3 (10.2.0.1.0) Enterprise Edition
- Oracle SOA Suite 10g Release 3 (10.1.3.4, MLP#* +8533397)
- Oracle AIA Foundation Pack 2.5
- Java 2 Platform Standard Edition (J2SE) Development Kit (JDK) 5.0, Update 16
- Oracle Service Registry 10.1.3.1

For Software installs please go to: <https://edelivery.oracle.com/>

- Product Pack: Oracle Application Integration Architecture
- Platform: Choose the appropriate platform
- Select the Media pack for: Oracle Application Integration Architecture Release 2.5 Media Pack

PIP Installation and Configuration

Software Pre-Requisites for PIP Installation, cont.,

E-Delivery Example

Select a Product Pack

Platform

Results

Select	Description	Release	Part Number	Updated	# Parts / Size
<input type="radio"/>	Oracle Application Integration Architecture Foundation Pack 11g Release 1 (11.1.1.2.0) Media Pack for Microsoft Windows	11.1.1.2.0	B58899-01	APR-29-2010	8 / 1.1G
<input type="radio"/>	Oracle Application Integration Architecture Release 3.1 Media Pack for Microsoft Windows	3.1.0.0.0	B62418-01	MAR-04-2011	134 / 37G
<input type="radio"/>	Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Network Management System Release 3.0 Media Pack	3.0.1.0.0	B60291-01	OCT-13-2010	3 / 6.6M
<input type="radio"/>	Oracle Utilities Customer Care and Billing Integration to Oracle Utilities Meter Data Management Release 3.0 Media Pack	3.0.1.0.0	B60293-01	OCT-13-2010	3 / 4.4M
<input checked="" type="radio"/>	Oracle Application Integration Architecture Release 2.5 Media Pack for Microsoft Windows (32-bit)	2.5.0.0.0	B59923-10	FEB-10-2011	216 / 95G
<input type="radio"/>	Oracle Application Integration Architecture Release 2.4 Media Pack for Microsoft Windows (32-bit)	2.4.0.0.0	B54602-03	NOV-11-2009	51 / 14G
<input type="radio"/>	Siebel Call Center Integration Pack for				

PIP Installation and Configuration

Software Pre-Requisites for PIP Installation - Patching

For illustration purposes, this power point uses the following versions:

- Agile version 9.3.1
- Ebiz version 12.1.1 with PIM
- AIA on OC4J Server

NOTE: The patches have to be applied in the order that is listed here and the next slide. While these are the patches required at this point in time, as bugs are fixed over time, additional patches could be required.

Release is certified on 10.1.3.4 MLR #8 (Patch 8372150)

Patches to be downloaded for Fusion Middleware prior to the FP and PIP installs:

- 8372150 – MLR 8 patch (*p8372150_101340_GENERIC.zip*)
- 5507491 - (*p5507491_101340_GENERIC.zip*)
- 7692665 - (*p7692665_101340_GENERIC.zip*)
- 6640838 – From Oracle Support, choose the patch for OUI (10.1.0.6.0) (*p6640838_10106_LINUX.zip*)
- 6880880 - From Oracle Support, choose patch for Opatch 10.1 (*p6880880_101000_LINUX.zip*)
- 8533397 - Copy to /slot/emsxxx/oracle/SOAPatches (*p8533397_101348_Generic.zip*)
- 8644645 - Copy to /slot/emsxxx/oracle/SOAPatches (*p8644645_101348_Generic.zip*)

PIP Installation and Configuration

Software Pre-Requisites for PIP Installation - Patching, cont.,

Patches that need to be applied to participating applications' server *prior* to the FP and PIP installs:

Ebiz:

Apply one of the following Oracle E-Business Suite: Discrete Manufacturing, depending on the Ebiz version used:

- EBS 11i – 11.5.10CU2 + 11i.ATG_PF.H.RUP4 patch 4676589 + 8640254
- EBS 12.1.1 or 12.1.1 with PIM – 8640262:R12.INV.B
- EBS 12.1.1 or 12.1.1 with PIM and Agile PLM VM option – 8640262:R12.INV.B and 8622332:R12.CZ.B

For the purposes of this power point, patch **8640262:R12.INV.B** should be applied due to the Ebiz version used

Agile: None

PIP Installation and Configuration

Software Pre-Requisites for PIP Installation – Patching, cont.,

The following patches need to be applied to the Fusion Middleware after the FP and PIP installs

- 10378919 (for Agile 9.3.1 support,) - (*p10378919_25_Generic.zip*)
- 9233009 (for Agile 9.3.0/9.3.1 with Variant Management) (*p9233009_9300_Generic.zip*)
- 10378928 (*p10378928_25_Generic.zip*) - In the README.txt for this patch, you will be asked to also apply patch 10424736 first
(*p10424736_2500_Generic.zip*). Make sure to do this one first and when done, apply 10378928

The following patches need to be applied to the Agile Server after the FP and PIP installs

- 10378928
- However, if you are upgrading Agile from a previous version to 9.3.1, uninstall and install the PIP before you apply patch 10378928. This patch does not support upgrade of existing PIP deployment

NOTE: Create a directory on your Fusion Middleware server to store the patches

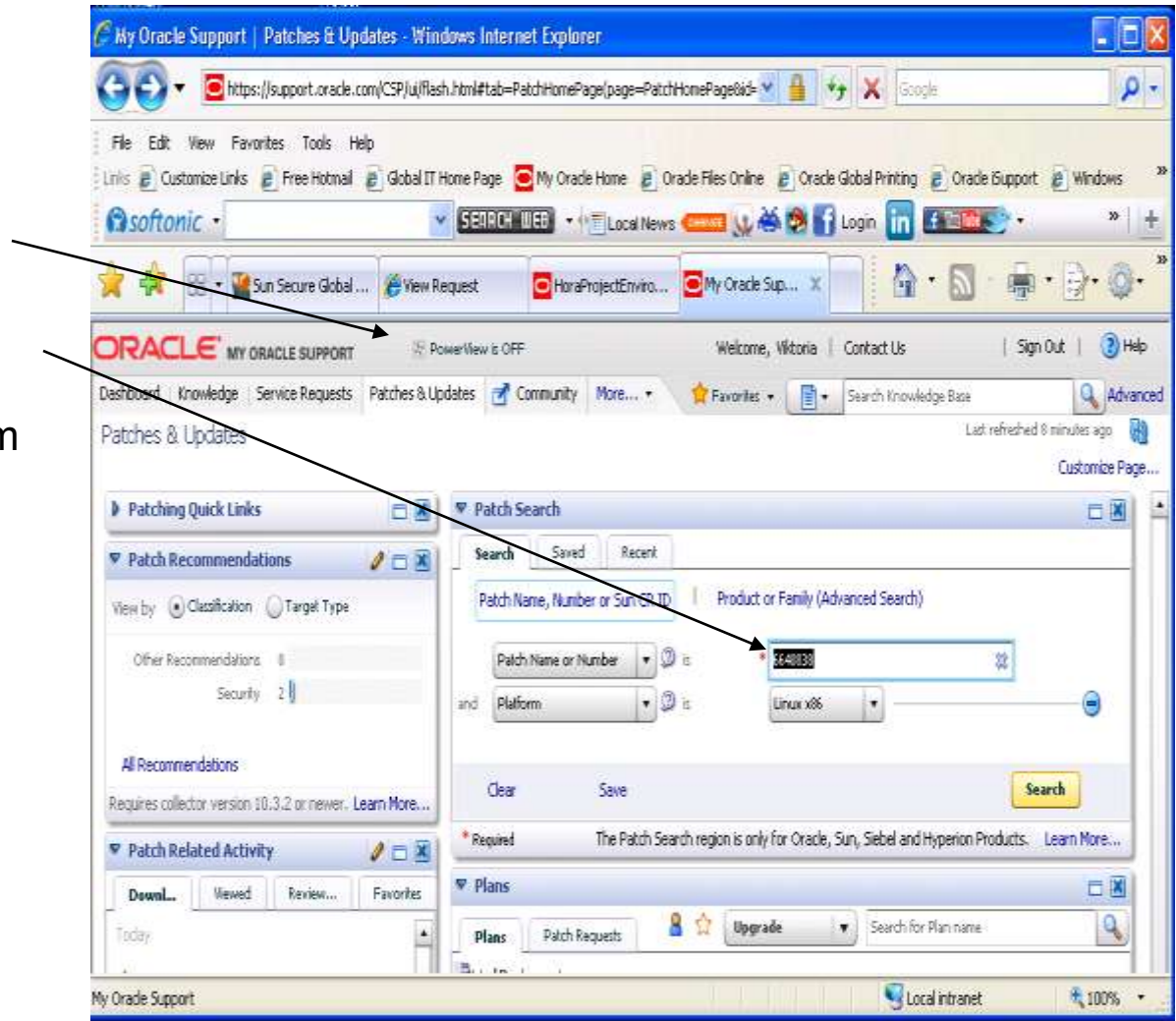
PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation – **Download Patch**

Go to OracleSupport:

[https://support.oracle.com/](https://support.oracle.com)

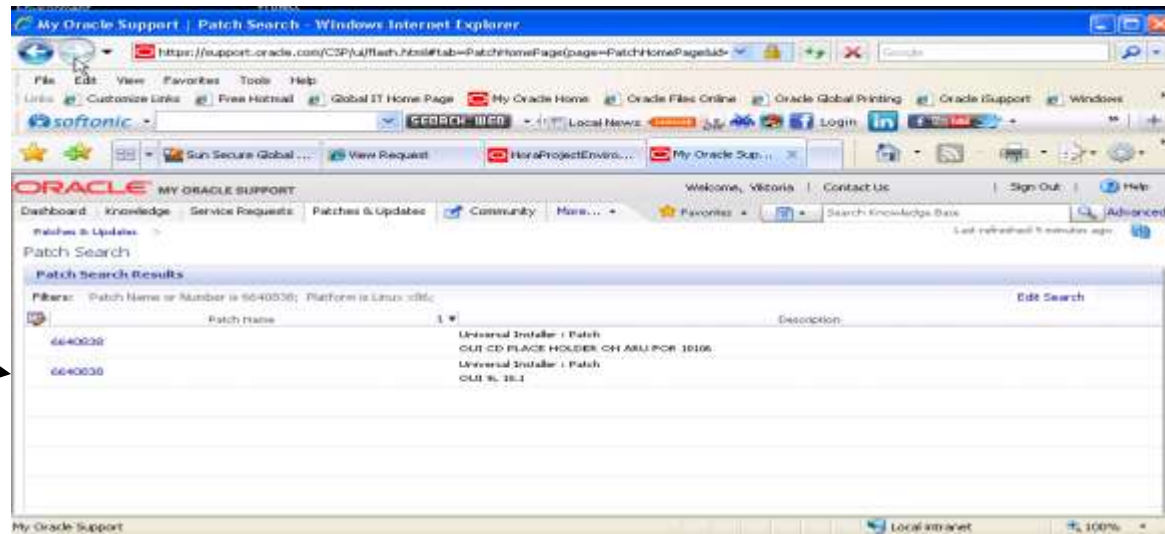
Go to the Patches and Updates tab
Go to Patch Search and enter the patch number, choose the correct platform and click on the Search button



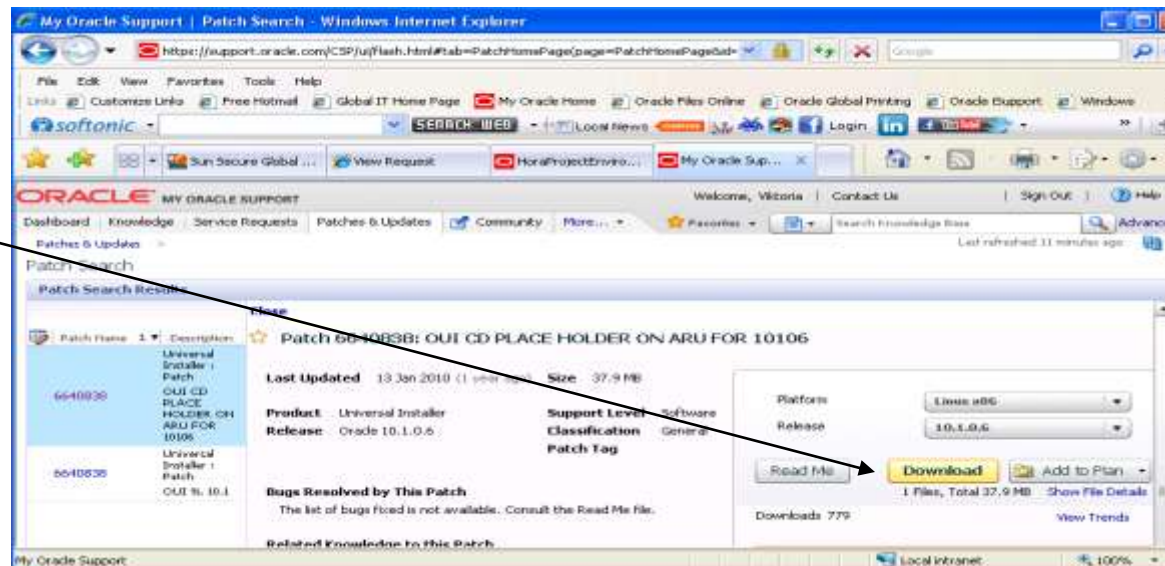
PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation – Download patch, cont.,

On the left hand side there might be different versions of the same patch. Choose the correct versions as will be mentioned in this document.



On the right hand side of the page, click on the download button



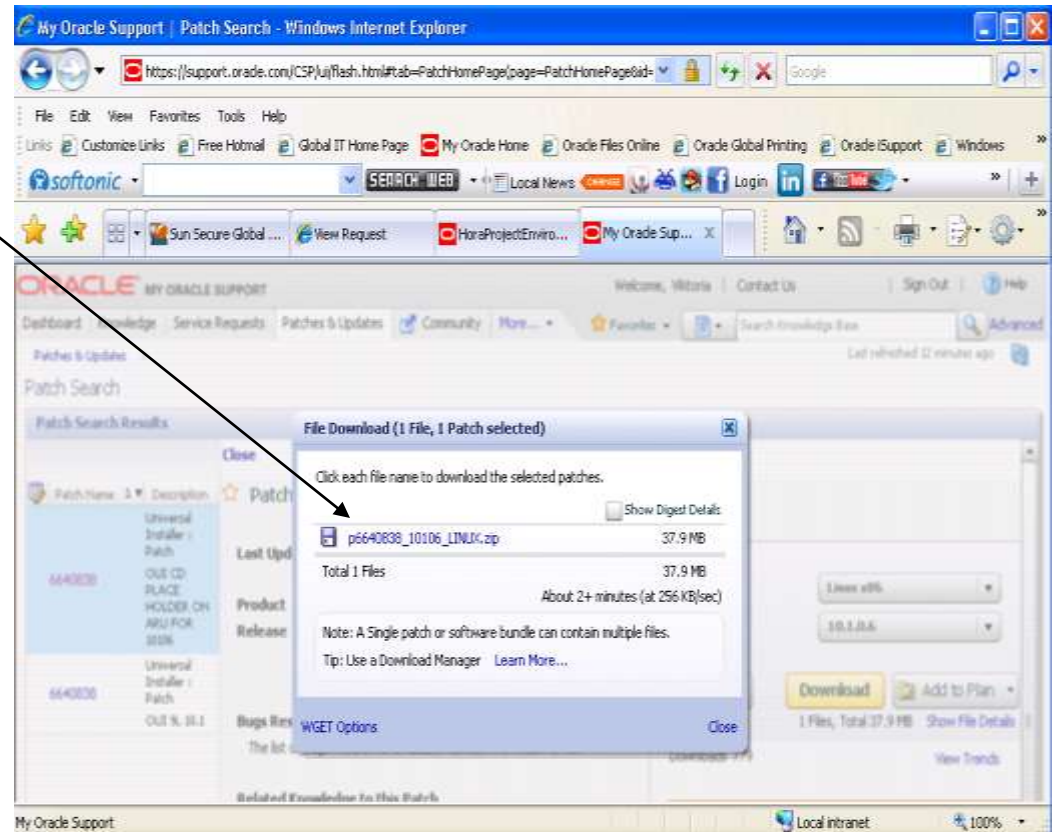
PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation – Download patch, cont.,

Double click on the
p6640838_10106_LINUX.zip
You will be asked where to store this on
your local drive
After it is stored, copy it to your server,
in the directory you created for the
patches

If some of the patches need to be
copied into a different directory other
than what is mentioned above, it will be
explicitly stated

For example, patch 6880880 needs to
be downloaded to the ORACLE_HOME
directory



PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation – Apply Patch

Set up ORACLE_HOME environment variable on a command line :

- export ORACLE_HOME=/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1

Append the path to the OPatch executable in the PATH environment variable:

- export PATH=\$PATH:/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1/OPatch

We use the inventory API flag (invPtrLoc) with the path to the oralnst.loc file to apply opatch

You may not need to do this, depending where oralnst.loc file is stored on your server

For all the patches, you must read the README.txt, it has valuable information

You will need need to restart the soa server many times during the patching and install phases

- \$ORACLE_HOME/opmn/bin/opmnctl stopall
- \$ORACLE_HOME/opmn/bin/opmnctl startall

The README.txt file for each patch has information for both Windows and Linux. **The examples in this documents are for Linux**

8372150:

- Run command: \$ORACLE_HOME/opmn/bin/opmnctl stopall
- Unzip the p8372150_101340_GENERIC.zip file in the location it was copied to. This will create a folder called 8372150. Navigate to this directory and follow the instructions in the README.txt . Run command:
 - opatch apply -invPtrLoc \$ORACLE_HOME/oralnst.loc
- After this patch is successfully applied, run the command: \$ORACLE_HOME/opmn/bin/opmnctl startall

PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

5507491:

- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopall`
- Unzip `p5507491_101340_GENERIC.zip` in the location it was copied to. This will create a directory called `5507491`. Navigate to this directory, read the `README.txt` and run the command:
 - `opatch apply –invPtrLoc $ORACLE_HOME/oraInst.loc`
 - After patch is successfully applied, run command:
`$ORACLE_HOME/opmn/bin/opmnctl startall`

7692665:

- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopall`
- Unzip `p7692665_101340_GENERIC.zip` in the location it was copied to. This will create a directory called `7692665`. Navigate to this directory, read the `README.txt` and run the command:
 - `opatch apply –invPtrLoc $ORACLE_HOME/oraInst.loc`
 - After patch is successfully applied, run command:
`$ORACLE_HOME/opmn/bin/opmnctl startall`

PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

6640838:

- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopall`
- Unzip the file `p6640838_10106_LINUX.zip` in the location it was copied to. It will create a directory called `cd` and will also create a `README.txt`. Please read this file in its entirety. It is best to unzip this file under the `Patches` directory (that you created) (don't unzip in the `$ORACLE_HOME` directory in case another OUI exists there with the same version).
- Navigate to the `cd` file that was just created with the unzipping and go into the `install` directory: `cd cd/Disk1/install`
- Make sure that the `runInstaller` and `OPach` files have execute permissions. Consult the `README.txt` for more info:
- This patch will install the appropriate OUI installer for FP 2.5
- Run the following command to install the oui installer:
 - `./runInstaller -invPtrLoc $ORACLE_HOME/orainst.loc` (your install command might be different depending where the `orainst.loc` file is located)
 - A welcome page will be displayed. Click Next
 - On the Specify File Location screen, leave the path for the source with the default value
 - For the Destination name – leave the default values
 - For the Destination path enter: `/slot/emsxxx/oracle/product/10.1.3.1/OracleAS_1`
 - Please see screenshot on the next slide

PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

6640838 cont.,

Click Next after you have completed this screen, leave defaults on this page

Specify File Locations

Source
Enter the full path of the file representing the product(s) you want to install:
Path: /slot/ems2054/oracle/SOAPatches_MLR8_Template/cd/Disk1/stage/product: Browse...

Destination
Enter or select a name for the installation and the full path where you want to install the product.
Name: as_agileedit
Path: /slot/ems2054/oracle/product/10.1.3.1/OracleAS_1 Browse...

About Oracle Universal Installer...

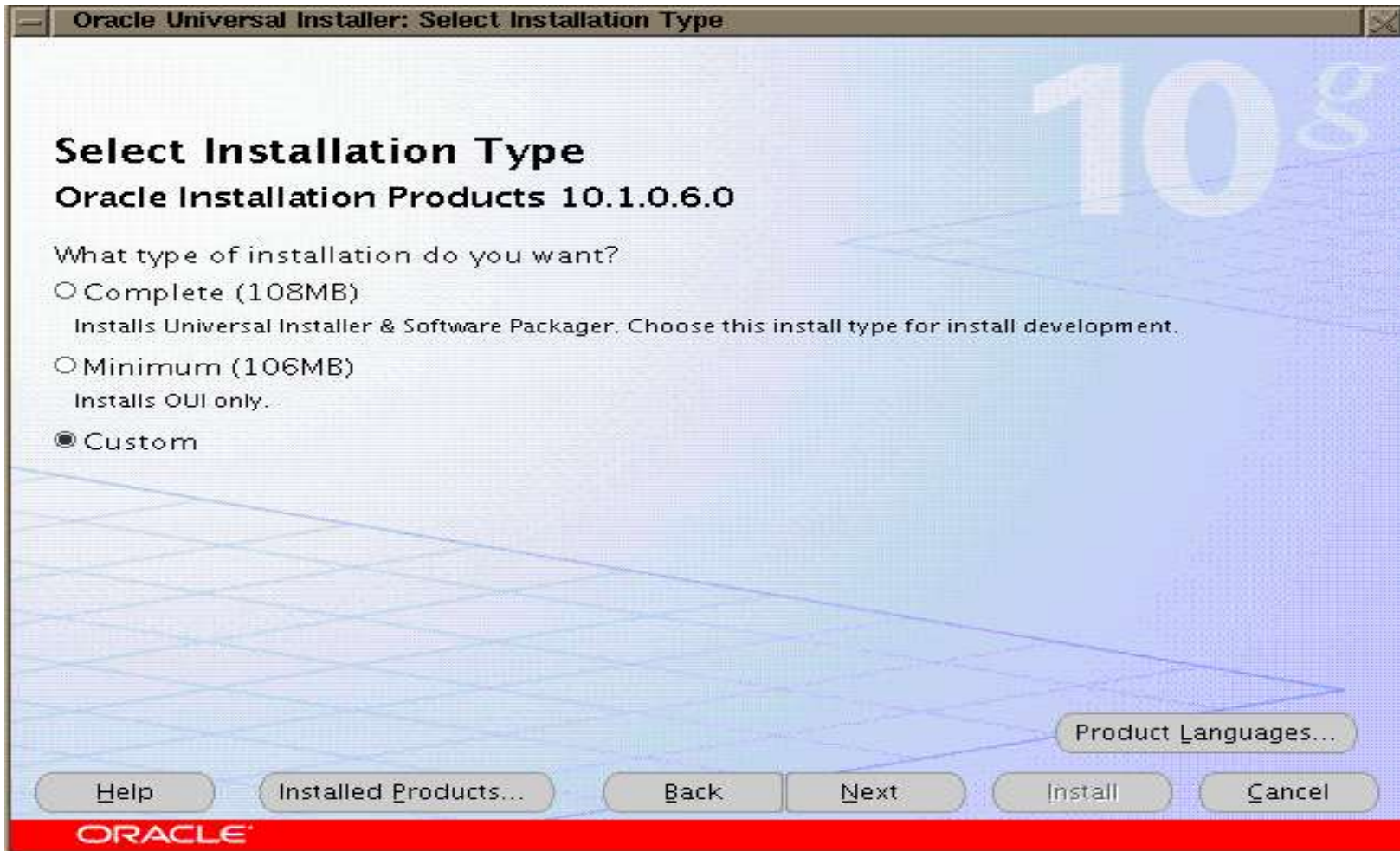
Help Installed Products... Back Next Install Cancel

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PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

6640838 cont.,
Select Custom, Next



PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

6640838 cont.,

On the Available Products Component screen:

- Check the box for “Show all components, including required dependencies
- Make sure that “Oracle Universal Installer 10.1.0.6.0” is checked with its dependencies
- Make sure that “Installer SDK Component 10.1.0.6.0” is checked with its dependencies
- Uncheck all others
- Click Next

On the Summary screen, click Install (this is a fast install)

- After the install is successful, run command: `$ORACLE_HOME/opmn/bin/opmnctl startall`

PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

6880880:

- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopall`
- Back up your OPatch directory under `$ORACLE_HOME` by re-naming it
- Simply unzip the `p6880880_101000_LINUX.zip` file in the location it was copied to (`$ORACLE_HOME`)
- There is nothing else to do here. The unzip command will create a new OPatch directory and there is a `README.txt` for reference
- Since all you did was unzip, no need to run the command `startall`

8533397:

- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopall` to make sure it is not running
- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopproc application=ascontrol`
- Unzip the zip file `p8533397_101348_Generic.zip` in the same location as it was copied to. This will create a new directory `8533397`. Go into this directory and you will see a `README.txt` file. Make sure to go over this in case there are special instructions
- From the `cd` directory run the command:
 - `opatch apply -invPtrLoc $ORACLE_HOME/orainst.loc`
 - After patch is successfully applied, run command:
 - `$ORACLE_HOME/opmn/bin/opmnctl startall`
 - `$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol`

PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

8644645:

- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopall` to make sure it is not running
- Run command: `$ORACLE_HOME/opmn/bin/opmnctl stopproc application=ascontrol`
- Unzip the zip file `p8644645_101348_Generic.zip` in the same location as it was copied to. This will create a new directory `8533397`. Go into this directory and you will see a `README.txt` file. Make sure to go over this in case there are special instructions
- From the `cd` directory run the command:
 - `opatch apply -invPtrLoc $ORACLE_HOME/orainst.loc`
 - After patch is successfully applied, run command:
 - `$ORACLE_HOME/opmn/bin/opmnctl startall`
 - `$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol`

PIP Installation and Configuration

Pre-Requisites and Patches for PIP Installation - Apply Patch, cont.,

Ebiz server

8640262:R12.INV.B

- This patch supports Agile PLM PIP
- This patch contains the following unified driver file to be applied with AutoPatch: u8640262.drv (This is the unified driver)
- For further instructions, please refer to: **Oracle E-Business Suite Integrated SOA Gateway Troubleshooting Guide:**
<https://support.us.oracle.com/oip/faces/secure/km/DocumentDisplay.jspx?id=726414.1>

NOTE: If errors are encountered with any of the patches on the FMW, a log file is created under the directory that the patch was unzipped

Another place for log files: /slot/emsxxx/oracle/AIAHome/cfgtoollogs/opatch

End of patching for pre - FP and PIP installs

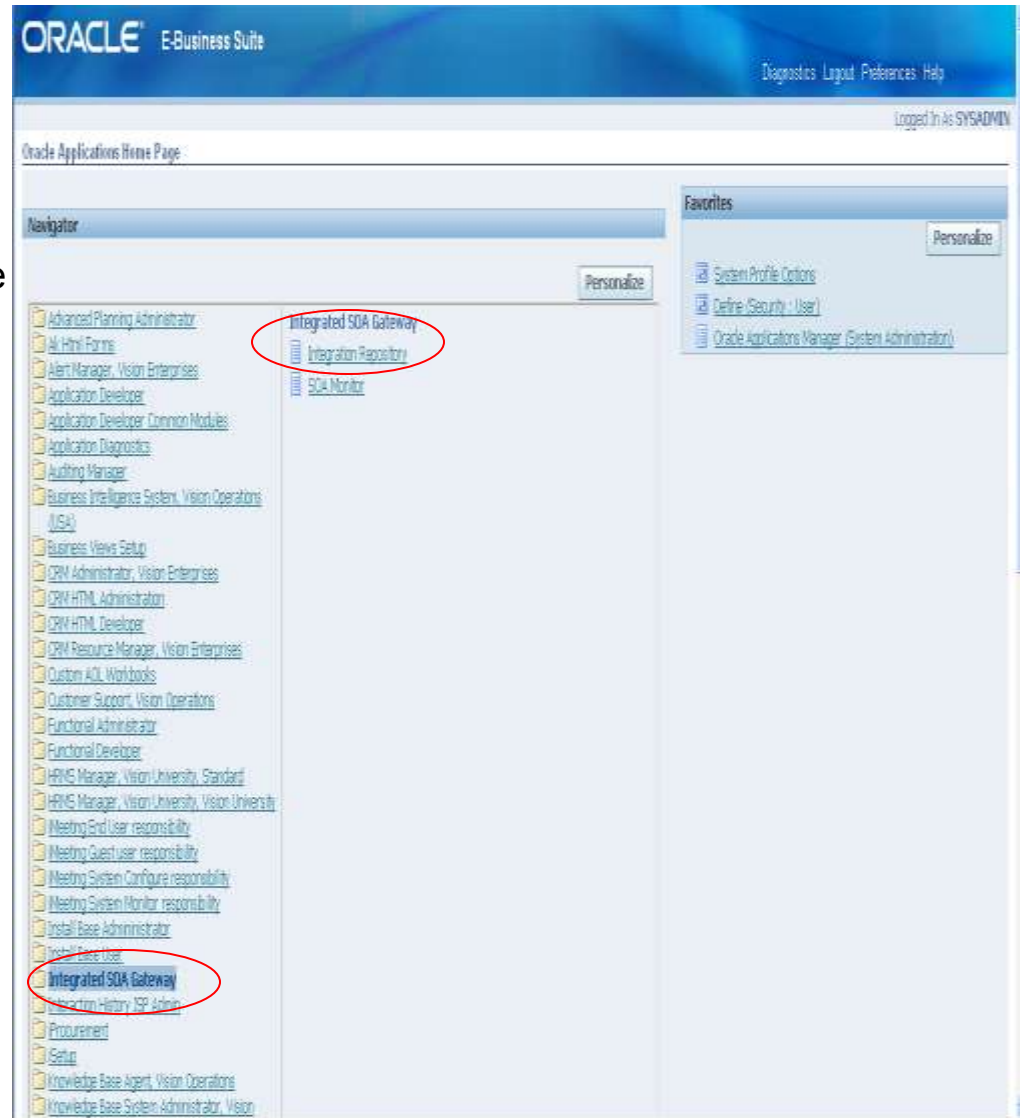
PIP Installation and Configuration

Pre-Installation Configurations for FP and PIP Installs - Ebiz

If Oracle E-Business Suite 12.1.1 with PIM release is being used for PIP installation, the **Generate Item Number and Description Service** in Oracle E-Business Suite needs to be enabled

This assumes that the required patches on Oracle E-Business Suite have been applied

Login as SYSADMIN into Oracle Apps
Go to Integrated SOA Gateway
responsibility
Click Integration Repository



PIP Installation and Configuration

Pre-Installation Configurations for FP and PIP Installs – Ebiz, cont.,

Select view-by as Interface Type
Navigate to Business Service
Object > Discrete Manufacturing
> Inventory Management

Click Generate Item Number
and Description Service

ORACLE Integration Repository

Home Logout Preferences Help Diagnostics

Integration Repository SOA Monitor

View By: **Interface Type**

Business Event
Business Service Object
Applications Technology
Discrete Manufacturing
Engineering
Inventory Management
Financial Payables Suite
Financial Receivables Suite
Financials
Order Management Suite
Product Lifecycle Management
Public Sector
Service Suite
Supply Chain Management
Concurrent Program
EDI
Interface View
Java
Open Interface
PL/SQL
Service Data Object
XML Gateway Map

Interface List: Inventory Management

Interface Source: All Scope: All Go

Export

Name	Internal Name	Product	Type	Source/Status/Description
Generate Item Number and Description Service	oracle/apps/inventory/Item/GenerateItemNumberService/Inventory Management	Management	Business Service Object	Oracle Active Returns Item Number and Description

About this Page Privacy Statement

Integration Repository SOA Monitor Home Logout Preferences Help Diagnostics

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PIP Installation and Configuration

Pre-Installation Configurations for FP and PIP Installs – Ebiz, cont.,

Click Redeploy/Deploy Web Service button

You will be able to view Deployed WSDL URL under Web Service – Web Service Provider

Click the deployed WSDL link and verify whether that the WSDL opens

The screenshot displays the Oracle Integration Repository SDA Monitor interface. The left-hand navigation pane shows a tree view of various service categories, with 'Inventory Management' selected. The main content area displays details for a Business Service Object named 'Generate Item Number and Description Service'. Key information includes the Qualified Name, Interface, Extends, Product, and XML Schema. Below this, there are sections for 'Full Description', 'Web Service - Web Service Provider', and 'Source Information'. The 'Web Service - Web Service Provider' section contains links for 'Abstract WSDL' and 'Deployed WSDL'. The 'Deployed WSDL' link is highlighted with a red circle, and an arrow points from the text 'Click the deployed WSDL link and verify whether that the WSDL opens' to this link. A 'Redeploy Web Service' button is also circled in red. The 'Source Information' section shows the source file path, version, product, and implementation details.

PIP Installation and Configuration

Pre-Installation Configurations for FP and PIP Installs – Ebiz, cont.,

Try accessing the imported schema location:

`http://<host>:<port>/webservices/Apps
WSPProvider/oracle/apps/inv/ebi/item/Ge
nerateItemNumberService.xsd`

You should get the following message in the browser:

"Returns Item Number and Description
Returns Item Number and Description"

Next, go to Methods > Grant Details
Select the checkbox for
getItemNumberDescription (this is the
.xsd)

Click on the "Create Grant" button
Select the "Grantee Type"

Click Apply

If there any issues, refer to *Oracle E-Business Suite Integrated SOA Gateway Troubleshooting Guide*:
<https://support.us.oracle.com/oip/faces/secure/km/DocumentDisplay.jspx?id=726414.1>

Qualified Name /oracle/apps/inv/ebi/item/GenerateItemNumberService Status Active
Interface oracle.apps.inv.ebi.item.GenerateItemNumberService Scope Public
Extends oracle.svc.Service Interface Source Oracle
Product Inventory Management
XML Schema GenerateItemNumberService

Returns Item Number and Description

Full Description

Returns Item Number and Description

Web Service - Web Service Provider

Abstract WSDL OA.jsp?page=/oracle/apps/inv/rep/webui/WSDLPGbisReadOnlyCustomPopup=Y&retainAM=Y&classId=1852
Deployed WSDL <http://rws60179rems.us.oracle.com:8049/webservices/AppsWSPProvider/oracle/apps/inv/ebi/item/GenerateItemNumberService?wsdl>

Redeploy Web Service

Source Information

Source File java/ebi/item/server/GenerateItemNumberSAM
Source Version 120.6.12010000.2
Source Product INV
Implementation oracle.apps.inv.ebi.item.server.GenerateItemNumberSAM

Methods

Select Object and **Create Grant**

Select All | Select More

Select Details	Internal Name	Status	Description
<input type="checkbox"/>	Show getItemNumberDescription	Active	Return List Generated Item Number and Description
<input checked="" type="checkbox"/>	getItemNumberDescription	Active	Returns Item Number and Description

Grant Details

PIP Installation and Configuration

Pre-Installation Configurations for FP and PIP Installs - Fusion

Middleware

Make sure that the following have been configured:

- Configuring Fusion Middleware Memory Settings
- Copying JDBC libraries from SOA to AIA
- JDK Version
- Verifying SOA
- Configuring the Java Transaction API Transaction Timeout Value
- Enabling Directory Browsing in the Apache Server

Once that is completed, set all the environment variables for Fusion Middleware:

ORACLE_HOME:

- export
ORACLE_HOME=/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1

JAVA_HOME

- export
JAVA_HOME=/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1/jdk

SOA_HOME

- export
ORACLE_HOME=/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1

PIP Installation and Configuration

Pre-Installation Configurations for FP and PIP Installs - Fusion Middleware, cont.,

Set the PATH to include OPatch:

```
export PATH=$PATH:/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1/OPatch
```

To verify that the exports took; type:

```
echo $ORACLE_HOME
```

The path that you typed in for each variable will be displayed. Do this for each variable you set

For more detailed pre-requisite set up tasks, please refer to **chapter 2** in the **Oracle Application Integration Architecture 2.5 Installation and Upgrade Guide, 2103301[1] Chapter 2 – preparing for AIA Installation from E-Delivery** <https://edelivery.oracle.com/>

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP

- You are ready to install the Foundation pack and the PIP
- Make sure the servers are running. Use command:
 - `$ORACLE_HOME/opmn/bin/opmnctl startall`
- Copy the zip file from E-Delivery, to a local drive then to your server
- Unzip the file; this will create a cd directory
- Navigate into: `cd/Disk1/install`
- In the install directory, run the following command:
 - `./runInstaller -invPtrLoc $ORACLE_HOME/oralnst.loc`
- In a few minutes the OUI will come up and you can enter the needed information
- Please also follow the 2.5InstallandUpgradeGuideE 2103301[1]
- Please see next slide

NOTE: The FP and the PIP install can be done separately, in this document they are done at the same time

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

Give the Home Name a name such as AIAHome

Select the path where you would like the FP and PIP to be installed

Select Complete Installation

Under Available Components, select the Pip name for Agile to Ebiz and click the down arrow so that it appears under Selected/Installed Components

The FP install defaults in the Selected/Installed Components

AIA Components Screen - Select a Product to Install

Destination
Enter or select name for the installation and the full path. **ORACLE 2.5**
Application Integration Architecture

Home Name: AIAHome

Path: /slot/ems2054/oracle/AIAHome

Copy AIA Software Only Complete Installation

Available Components

- Siebel CRM Integration Pack for Oracle Order Management
- Oracle Financials Accounting Hub Integration Pack for PeopleSoft General Ledger
- Oracle CRM On Demand Integration Pack for JD Edwards EnterpriseOne: Lead to Order
- Oracle Retail Merchandising Integration Pack for PeopleSoft Enterprise Financials: Financial Operator

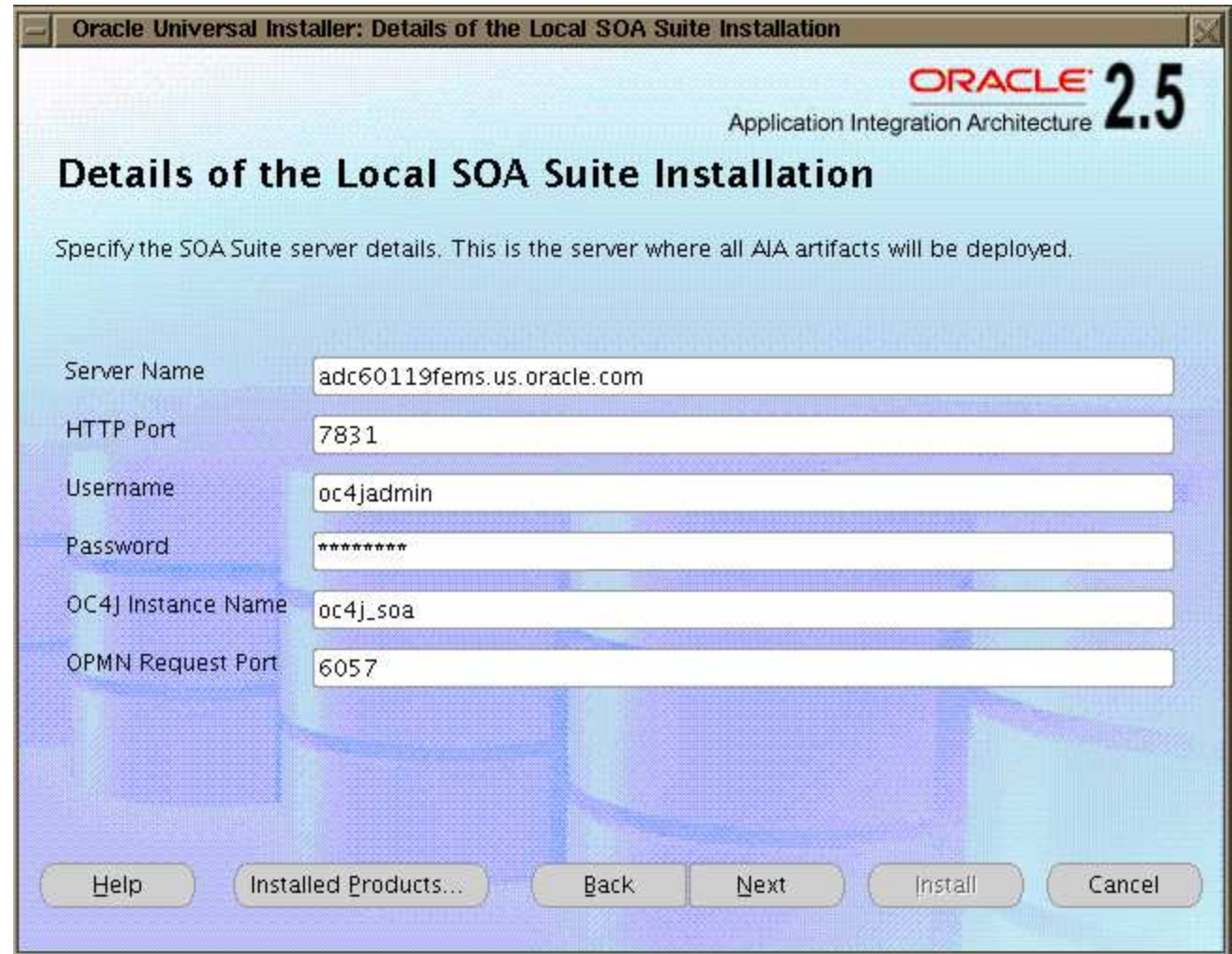
Selected/Installed Components

- Foundation Pack
- Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

Enter information for the fusion middleware server



The screenshot shows the 'Oracle Universal Installer: Details of the Local SOA Suite Installation' window. The title bar includes the Oracle logo and '2.5 Application Integration Architecture'. The main heading is 'Details of the Local SOA Suite Installation'. Below this, a note states: 'Specify the SOA Suite server details. This is the server where all AIA artifacts will be deployed.' The form contains the following fields:

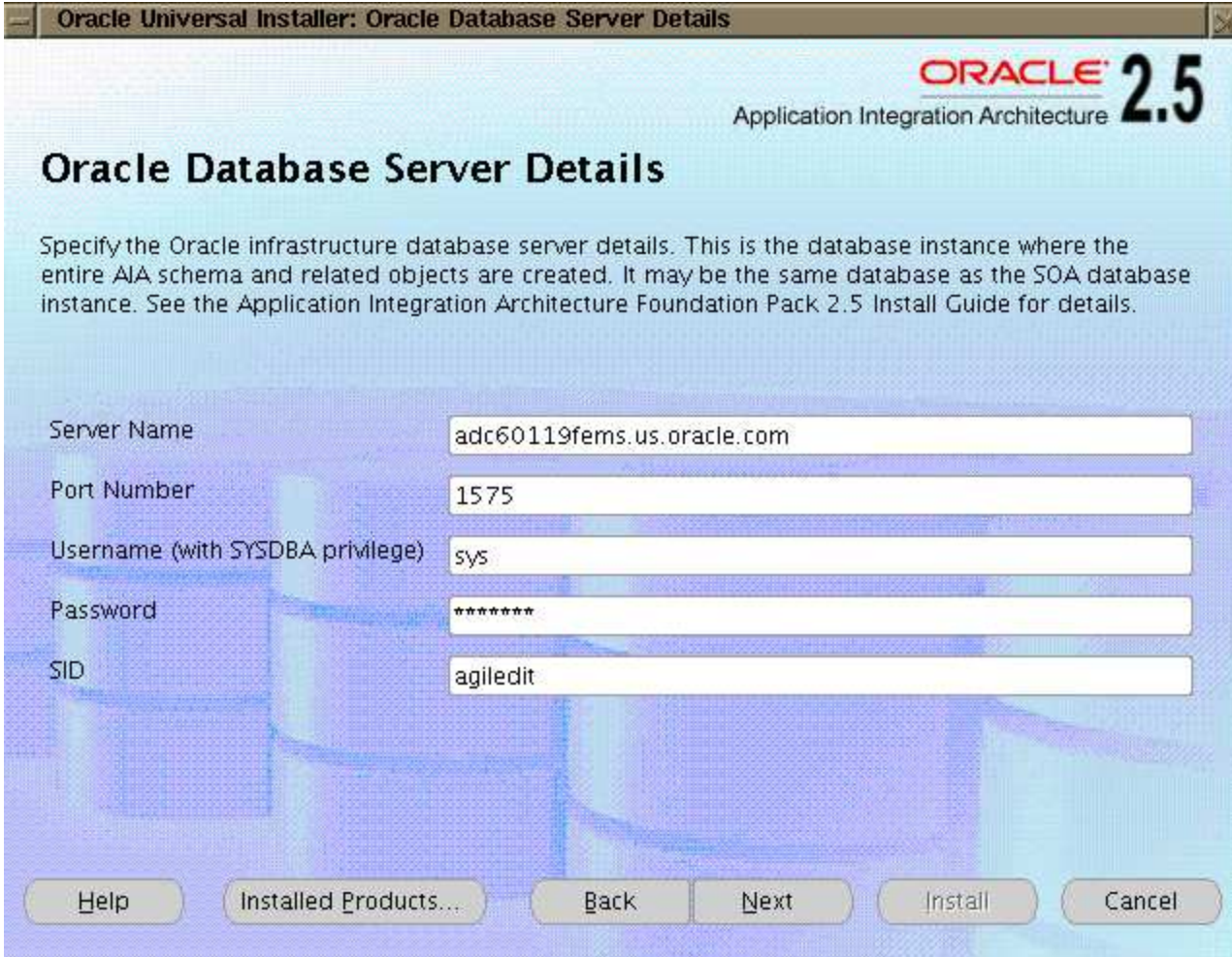
Server Name	adc60119fems.us.oracle.com
HTTP Port	7831
Username	oc4jadmin
Password	*****
OC4J Instance Name	oc4j_soa
OPMN Request Port	6057

At the bottom of the window, there are several buttons: 'Help', 'Installed Products...', 'Back', 'Next', 'Install', and 'Cancel'.

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

Enter information based on your environment for the fusion middleware database



The screenshot shows the 'Oracle Universal Installer: Oracle Database Server Details' window. The title bar reads 'Oracle Universal Installer: Oracle Database Server Details'. The main window features the Oracle logo and '2.5 Application Integration Architecture' in the top right corner. The title of the window is 'Oracle Database Server Details'. Below the title, there is a descriptive paragraph: 'Specify the Oracle infrastructure database server details. This is the database instance where the entire AIA schema and related objects are created. It may be the same database as the SOA database instance. See the Application Integration Architecture Foundation Pack 2.5 Install Guide for details.' The form contains five input fields: 'Server Name' with the value 'adc60119fems.us.oracle.com', 'Port Number' with '1575', 'Username (with SYSDBA privilege)' with 'sys', 'Password' with '*****', and 'SID' with 'agileedit'. At the bottom of the window, there are five buttons: 'Help', 'Installed Products...', 'Back', 'Next', and 'Cancel'.

Server Name	adc60119fems.us.oracle.com
Port Number	1575
Username (with SYSDBA privilege)	sys
Password	*****
SID	agileedit

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

Oracle Service Registry, optional

Enter information based on your environment



The screenshot shows a window titled "Oracle Universal Installer: Oracle Service Registry Details". In the top right corner, the Oracle logo is displayed next to the version number "2.5" and the text "Application Integration Architecture". The main heading is "Oracle Service Registry Details". Below the heading, there is a paragraph of text: "Specify the Oracle Service Registry details. This is the registry where the AIA artifacts will be published. Service Registry URL Example: http://myserver.mycompany.com:80/registry. If you do not wish to publish to Oracle Service Registry, click Next to continue." Below this text are three input fields: "Service Registry URL", "Username", and "Password". At the bottom of the window, there is a row of buttons: "Help", "Installed Products...", "Back", "Next", "Install", and "Cancel".

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

Oracle Universal Installer: Agile Details

ORACLE 2.5
Application Integration Architecture

Agile Details

Enter details for the Agile installation.

Agile PLM Host	<input type="text" value="blr2230034.agile.agilesoft.com"/>
Agile PLM Port	<input type="text" value="7777"/>
Agile PLM Virtual Path	<input type="text" value="Agile"/>
Agile PLM Integration User Name	<input type="text" value="admin"/>
Agile PLM Integration User Password	<input type="password" value="*****"/>
Agile PLM Version	<input type="text" value="9.3.x"/>

Help Installed Products... Back Next Install Cancel

This information needs to be acquired from Agile

During the install, you need to select 9.3.x if you wish to install 9.3.....

There is a post FP and Pip install patch that will fix the version to what is specifically needed

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

The screenshot shows the Oracle Universal Installer window titled "Oracle Universal Installer: E-Business Suite Server Details". The window features the Oracle logo and "2.5 Application Integration Architecture". The main heading is "E-Business Suite Server Details" with the instruction "Enter the server details for the Oracle E-Business Suite". The form contains the following fields:

E-Business Suite Host Name	<input type="text" value="rws60179rems.us.oracle.com"/>
E-Business Suite Port	<input type="text" value="8071"/>
E-Business Suite User Name	<input type="text" value="MFG"/>
E-Business Suite Password	<input type="password" value="*****"/>
Workflow Business Event System Name	<input type="text"/>
E-Business Suite Version	<input type="text" value="12.1.1 with PIM"/>

At the bottom, there are buttons for "Help", "Installed Products...", "Back", "Next" (highlighted with a dashed border), "Install", and "Cancel".

Workflow not needed

This information needs to be acquired from Ebiz

PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,

This information needs to be acquired from Ebiz.

Make sure that the user and password on this screen are for the **APPS** Schema

The screenshot shows the 'Oracle Universal Installer: E-Business Suite Database Details' window. The title bar includes the Oracle logo and '2.5 Application Integration Architecture'. The main heading is 'E-Business Suite Database Details'. Below this, it says 'Enter the database details for the Oracle E-Business Suite'. The form contains the following fields:

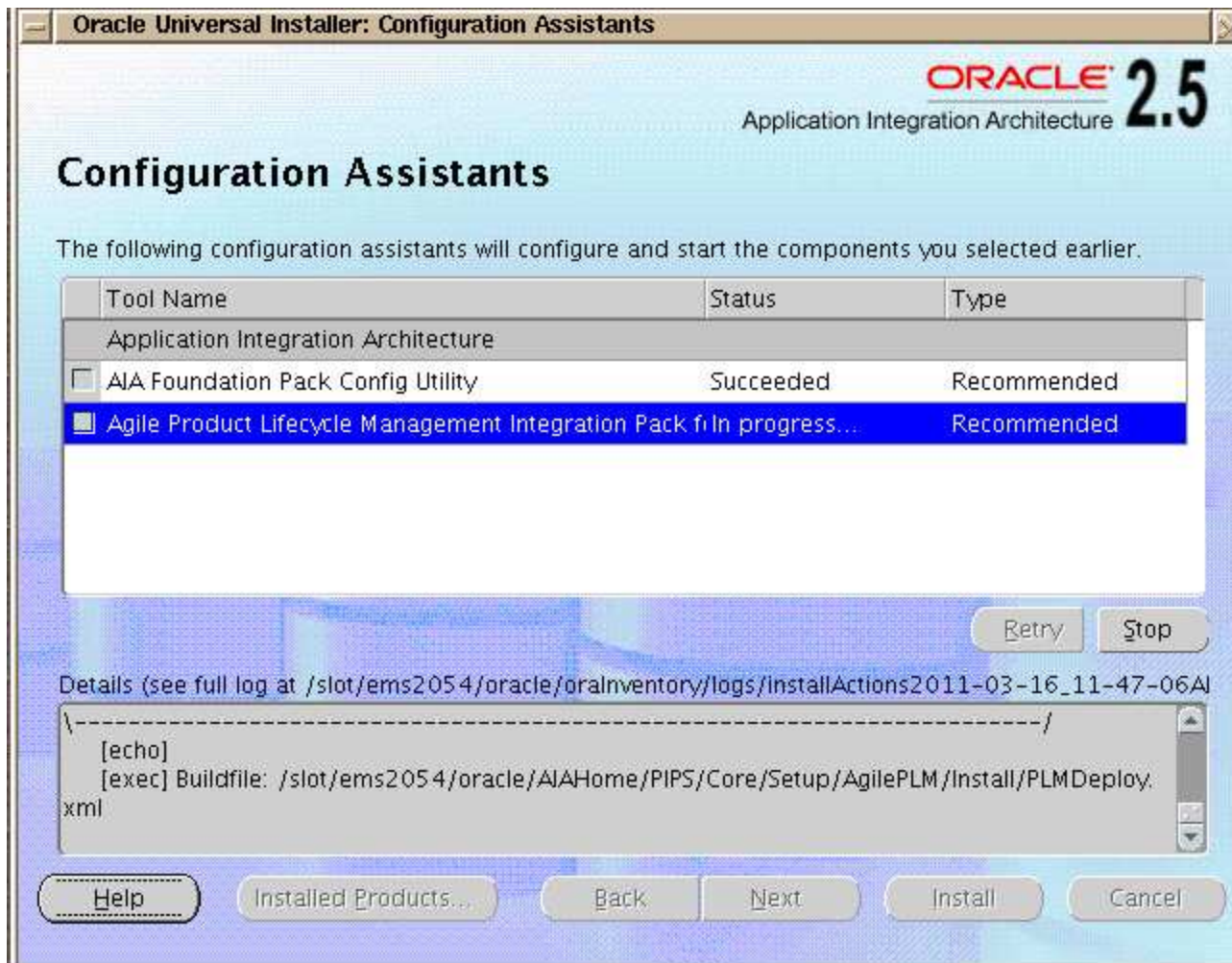
E-Business Suite Database Host	rws60179rems.us.oracle.com
E-Business Suite Database Port	1592
E-Business Suite Database User Name	apps
E-Business Suite Database Password	*****
E-Business Suite Database SID	XZ2ST212
Database Schema	APPS

At the bottom of the window, there are several buttons: 'Help', 'Installed Products...', 'Back', 'Next' (which is highlighted with a dashed border), 'Install', and 'Cancel'.

PIP Installation and Configuration

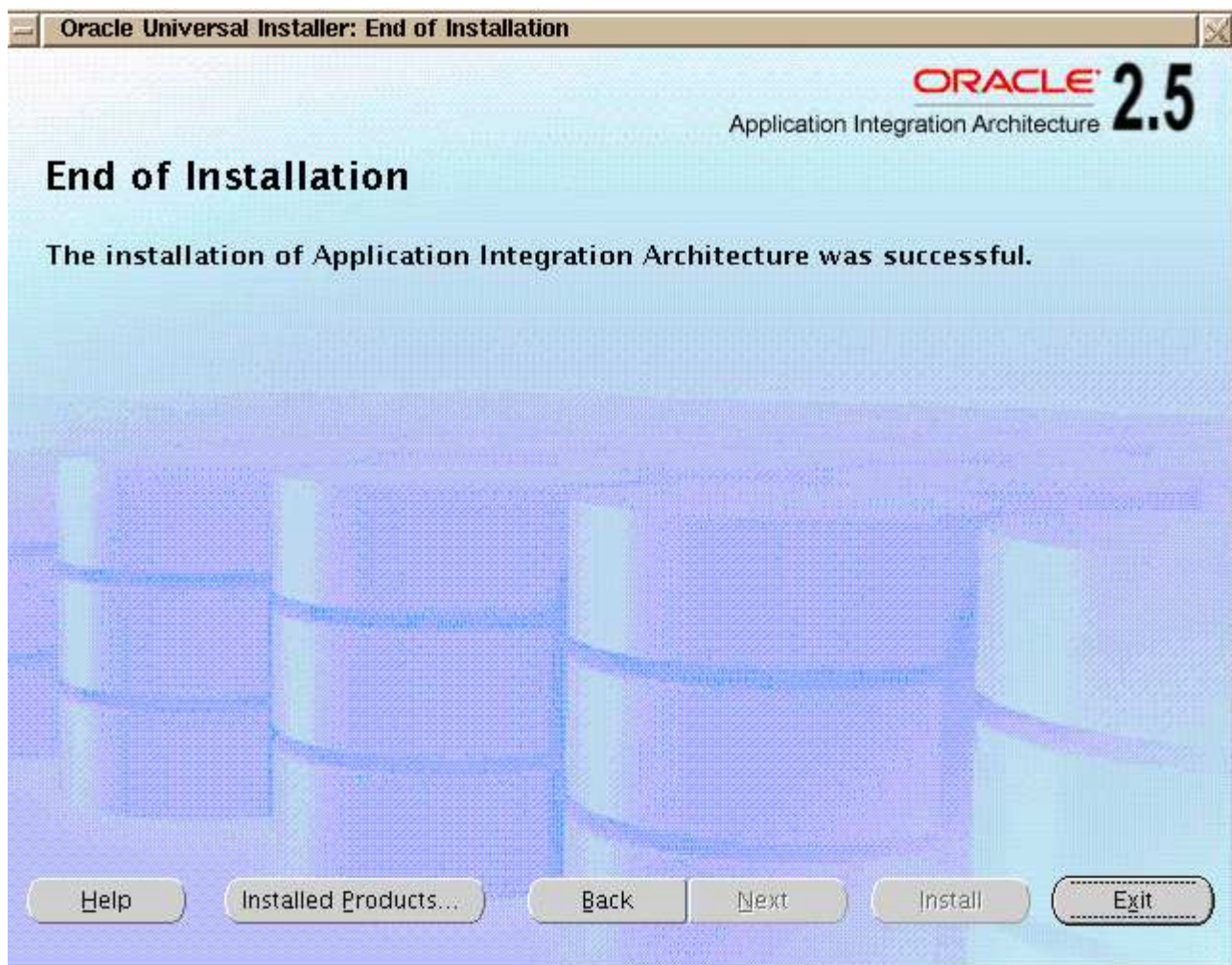
Installing Foundation Pack 2.5 and PIP, cont.,

On the screen, click install. This is the screen seen as the install is in process



PIP Installation and Configuration

Installing Foundation Pack 2.5 and PIP, cont.,



At this point, you can exit the installer

PIP Installation and Configuration

FP and PIP Post Installation Tasks – Summary

- **Once the installs finished successfully, you must verify that the artifacts installed correctly**
 - Verify that the AIA Home UI login works
 - Go to: `http://<host name>:<port number>/AIA/faces/home.jspx`
 - Go into the Setup Tab/System to access the Application Registry page
 - Verify that the BSR services are populated. Go into the Service Repository tab and search for all services
 - Verify that the EBS and BPEL consoles exist and works
 - Go to: `http://<FWM host name>:<FMW port number>/launchpad/BPEL Control`
 - Go to: `http://<FWM host name>:<FMW port number>/launchpad/EBS Control/Services/AIASystem`
 - Verify that EBOs and EBMs have been installed properly
 - Go to: `http://<FMW host name>:<FMW port number>/AIAComponents`
 - Verify that all the needed Resources installed correctly (slides for example) – Look in Application Server Control from the launchpad
 - Verify that the ECO Queue is accessible (slides for example)
 - Modify EbizGenerateItemNumberService.wsdl (slides for example)
 - Verify AIAConfigurationProperties.xml (slides for example)
 - Module Configurations – values are accurate (*values come from the PIP install*)
 - End Point URIs in the Service Configurations are valid (*values come from the PIP install*)
 - Verify that all the PIP artifacts installed properly
 - Verify that all DVMs and Xrefs were installed as needed

For specific details please refer to E-Delivery:

Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release 2.5 - Implementation Guide

Oracle Application Integration Architecture 2.5 Install and Upgrade Guide (chapter 38)

https://edelivery.oracle.com/EPD/Download/get_form?egroup_aru_number=12840305

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Resources

•Name of Resource	•Type	•Location / navigation Path
•EBizDataSource	•JDBC Data Resources	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Data Sources
•PIPDataSource	•JDBC Data Resources	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Data Sources
•EcoDataSource	•JDBC Data Resources	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Data Sources
▪EbizDB_DataSource	•JDBC Data Resources	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Data Sources
•EBizConnectionPool	•JDBC Connection Pool	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Connection Pools
•PIPConnectionPool	•JDBC Connection Pool	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Connection Pools
•ECOConnPool	•JDBC Connection Pool	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Connection Pools
•EbizDB_Pool	•JDBC Connection Pool	•Cluster Topology -> oc4j_soa -> Administration -> Services -> JDBC Resources -> Connection Pools

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Resources, cont.,

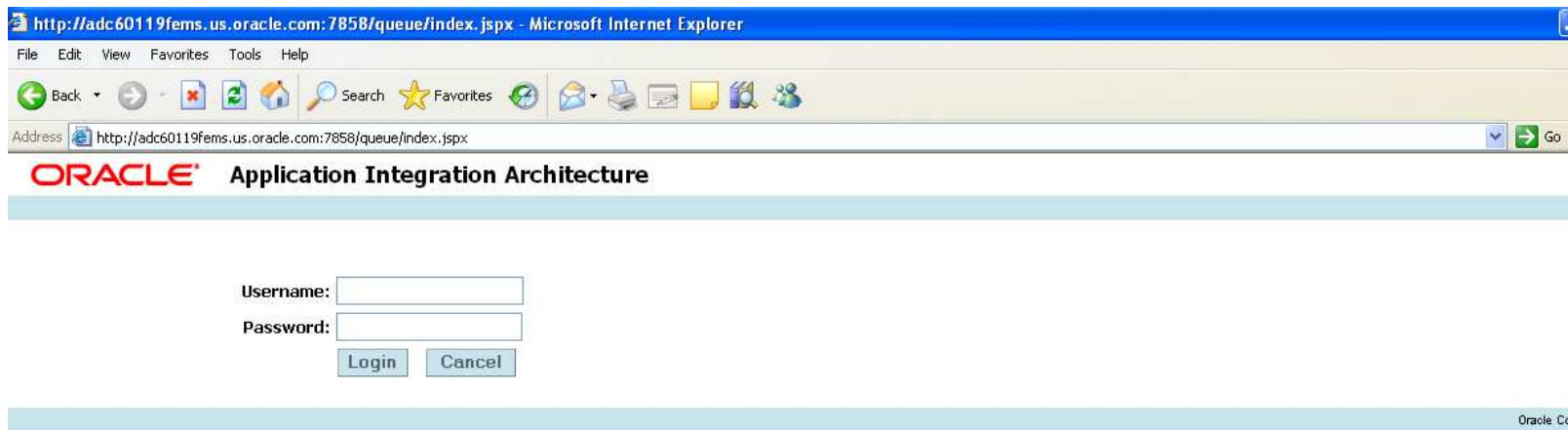
•Name of Resource	•Type	•Location / navigation Path
•ECO Queue	•JMS Destinations	•Cluster Topology -> oc4j_soa -> Enterprise Messaging Service -> JMS Destinations
•PLM_ECO_QUEUE	•JMS Destinations	•Cluster Topology -> oc4j_soa -> Enterprise Messaging Service -> JMS Destinations
•eis/jms/PLMPIP	•JMS Adapter	•Cluster Topology -> oc4j_soa -> Applications -> Default -> JmsAdapter -> Connection Factories
•eis/jms/PLMPIP_AQ	•JMS Adapter	•Cluster Topology -> oc4j_soa -> Applications -> Default -> JmsAdapter -> Connection Factories
•eis/DB/AgileAIA	•DataBase Adapter	•Cluster Topology -> oc4j_soa -> Applications -> Default -> DbAdapter -> Connection Factories

PIP Installation and Configuration

FP and PIP Post Installation Tasks – ECO Queue

In the browser window, type the below URL:

- `http://<server name>:<port number>/queue`
- Verify that the Queue login page appears and that you can log in



PIP Installation and Configuration

FP and PIP Post Installation Tasks - [EbizGenerateItemNumberService.wsdl](#)

Modify [EbizGenerateItemNumberService.wsdl](#)

- Change the Ebiz server host/port used during the PIP install in [EbizGenerateItemNumberService.wsdl](#) – Go to:
 - `$AIA_HOME/AIAMetaData/AIAComponents/ApplicationObjectLibrary/Ebiz/wsdl/EbizGenerateItemNumberService`

NOTE: The SOA Server must be re-started at this point

PIP Installation and Configuration

FP and PIP Post Installation Tasks - **AIAConfigProperties.xml**

- The AIAConfigurationProperties.xml file contains the basic configuration settings needed for the integration
- This file will be used when setting up the edge applications' configurations
- The file is located at: \$AIA_HOME/config
- The configuration properties from Agile Module and Oracle E-Business Suite Module are both in the AIAConfigurationProperties.xml
- Agile Module Configurations:
 - **<ModuleConfiguration moduleName="Agile">**
 - <Property name="LANG_LOCALE">English</Property>**
 - <Property name="MULTISITE_ENABLED">TRUE</Property>**
 - <Property name="Item.UnitCostAttribute">Site.Numeric01</Property>**
 - <Property name="Item.AvailableQuantityAttribute">Site.Numeric02</Property>**
 - <Property name="Item.OnHandQuantityAttribute">Site.Numeric03</Property>**
 - <Property name="Item.ReservedQuantityAttribute">Site.Numeric04</Property>**
 - <Property name="Change.TransferStatusAttribute">PageTwo.Text02</Property>**
 - <Property name="REPLICATE_BOM_ENABLED">FALSE</Property>**
 - <Property name="COMMON_BOM_ENABLED">FALSE</Property>**
 - </ModuleConfiguration>**

PIP Installation and Configuration

FP and PIP Post Installation Tasks- AIAConfigProperties.xml, cont.,

- Ebiz Module Configurations:

```
<ModuleConfiguration moduleName="Ebiz">
  <Property name="FIXED_ORG_FOR_INBOUND_DATA_TRANSFER"/>
  <Property name="IS_PIM_INSTALLED">true</Property>
  <Property name="DEFAULT_MASTER_ORG"/>
  <Property name="USER">sysadmin</Property>
  <Property name="RESPONSIBILITY">System Administrator</Property>
  <!-- The property EBIZ_01.SERVER_GMT_OFFSET will be deprecated in 2.5,
    and will be replaced with EBIZ_01.SERVER_TIMEZONE-->
  <Property name="EBIZ_01.SERVER_GMT_OFFSET">+00:00</Property>
  <!-- Please refer Ebiz profile SERVER_TIMEZONE_ID to configure this property,
    e.g. '-07:00' or 'GMT-07:00' or 'PST' -->
  <Property name="EBIZ_01.SERVER_TIMEZONE">GMT-08:00</Property>
  <Property name="EBIZ_01.LANG">ENG</Property>
  <Property name="PROJECTS_RESPONSIBILITY">Projects, Vision Services (USA)</Property>
</ModuleConfiguration>
```

Note: If you need to modify the values in the **AIAConfigurationProperties.xml** file, it must be reloaded for the updates to take effect. The reload can be done by clicking the **Reload** button on the *Configuration* page in the Oracle AIA Console. Alternatively, the reload can be performed by rebooting the server.

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching

10378919:

- **This patch needs to be applied after the FP and PIP installs.** It is only needed if you are using **Agile 9.3.1**
- Rename your Opach directory under \$ORACLE_HOME to back it up
- Download the OPatch p6880880_102000_LINUX.zipfile from the same place you downloaded the other patches, and place the zip file under \$ORACLE_HOME directory
- On the command line, unzip the file. You have just applied the new OPatch and will see a new folder called OPatch under \$ORACLE_HOME
- Make sure that the servers are up
 - \$ORACLE_HOME/opmn/bin/opmnctl startall
 - \$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol
 - Make sure that the environment variables for \$ORACLE_HOME, \$SOA_HOME are set. In the previous patches we used ORACLE_HOME, but this patch instructs us in the README.txt to use \$SOA_HOME. They have the same path
 - Set the \$AIA_HOME variable by navigating to: /slot/em~~sxxx~~/oracle/AIAHome/bin and run the command:source aiaenv.sh for Linux or aiaenv.bat for Windows

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

10378919:

- Unzip the zip file p10378919_25_Generic.zip in the same location as it was copied to. This will create a new 10378919. Go into this directory and you will see a README.txt file. Make sure to go over this in case there are special instructions
- From the 10378919 directory run the command:
 - `opatch apply -invPtrLoc $AIA_HOME/orainst.loc -oh $AIA_HOME/ -jre $SOA_HOME/jre/1.4.2`
 - After patch is successfully applied, re-start the SOA Server:
 - `$ORACLE_HOME/opmn/bin/opmnctl stopproc application=ascontrol`
 - `$ORACLE_HOME/opmn/bin/opmnctl stopall`
 - `$ORACLE_HOME/opmn/bin/opmnctl startall`
 - `$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol`

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

10378928 – This patch replaces patch 9686509

- Please go over the README.txt file
- Make sure the servers are running
- The .txt file says you first need to install patch 10424736
 - Unzip p10424736_2500_Generic.zip from the location it was copied
 - A new directory is created: 10424736
 - The environment variables have already been set, but you will need to re-set ORACLE_HOME to a different value
 - export ORACLE_HOME=\$AIA_HOME
 - From the 10424736 directory run the command:
 - opatch apply -invPtrLoc \$AIA_HOME/orainst.loc -oh \$AIA_HOME/ -jre \$SOA_HOME/jdk/jre
 - After patch is successfully applied, re-start the SOA Server:
 - \$ORACLE_HOME/opmn/bin/opmnctl stopproc application=ascontrol
 - \$ORACLE_HOME/opmn/bin/opmnctl stopall
 - \$ORACLE_HOME/opmn/bin/opmnctl startall
 - \$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

10378928, cont.,

- Reset ORACLE_HOME, so that it no longer points to AIA_HOME
 - export ORACLE_HOME=/slot/emsxxxx/oracle/product/10.1.3.1/OracleAS_1
- You are now ready to install patch **10378928**
- Unzip the zip file p10378928_25_Generic.zip in the same location as it was copied to. This will create a new 10378928. Go into this directory and you will see a README.txt file. Make sure to go over this in case there are special instructions
- Make sure the servers are running
- From the 10378928 directory run the command:
 - opatch apply -invPtrLoc \$AIA_HOME/oraInst.loc -oh \$AIA_HOME/ -jre \$SOA_HOME/jre/1.4.2
 - After patch is successfully applied, re-start the SOA Server:
 - \$ORACLE_HOME/opmn/bin/opmnctl stopproc application=ascontrol
 - \$ORACLE_HOME/opmn/bin/opmnctl stopall
 - \$ORACLE_HOME/opmn/bin/opmnctl startall
 - \$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

10378928, cont.,

Part of patch 10378928 is to apply Patching to the Agile Server for New Part Request (NPR) integration flow

- How to patch the **Agile server** (The example is for a Windows box)
 - Using Remote Desktop log in with the proper credentials
 - Copy the zip file plmpip-agile9.zip available in <AIA_HOME>/PIPS/Core/Agile/extensions to a temporary directory on the agile server (copy to any location other than <agile_home>/integration/sdk/extensions)
 - Unzip the zip file on the Agile server in this temporary directory
 - Copy the NPR.jar and AIA.jar files available in FMW location <AIA_HOME>/PIPS/Core/Agile/extensions to the agile server directory where plmpip-agile9.zip was unzipped
 - This will overwrite the existing NPR.jar and AIA.jar files in the unzipped file
 - Make a backup copy of the existing AIA.jar and NPR.jar present at the location <agile_home>/integration/sdk/extensions and place it in a location other than <agile_home>/integration/sdk/extensions
 - Either rename and move the original jar files under <agile_home>/integration/sdk/extensions, or delete them

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

10378928, cont.,

- **How to patch the Agile server (Windows box) cont.,**
 - Modify the build.properties file – you will find this in your temporary folder where plmpip-agile9.zip was unzipped. File example

```
# Agile Info
agile.home= C:/Agile/Agile931 (make sure to use forward slashes here)
NPR.PX.timeout=90000
#####
# Below properties can be obtained from your fmw environment
# Check out the FP_HOME->config->deploy.properties file
# FMW Server's fully qualified name & port
http.hostname=adc60119fems.us.oracle.com
http.port=7831
```
 - Replace anything in **bold red** with your information
 - Open a command prompt and change to the directory where plmpip-agile9.zip was unzipped
 - Make sure that Ant directory is in your path
 - Run the command: `ant -f build.xml`
 - Restart the Agile server
 - Navigate to `<oracle_home>/opmn/bin`
 - In this instance it is: `C:\product\10.1.3.1\OracleAS_1\opmn\bin`
 - Run the following commands:
 - `opmnctl.exe stopall`
 - `opmnctl.exe startall`

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

10378928, cont.,

- How to patch the **Agile server** (Windows box) cont.,
 - After the Agile server was started verify the following:
 - Go to: C:\AgileAgile931\integration\sdk\extensions
 - Under the extension folder, you should see the new updated AIA.jar and NPR.jar
 - Once this is done, you typically will not have to go into Remote Desktop for Agile, unless you need to bounce the Agile server again.
 - Applying the **Agile patch** is now complete.
- Continue with the remainder of the task for patch 10378928
 - Re-start the SOA Server
- The AIAConfigProperties.xml file needs to be modified from the backup file if there were any changes after the FP and PIP installs, or if there was any customization
- Make sure the go over the README.txt for customization, Variant Management(VM) and CAVS

PIP Installation and Configuration

FP and PIP Post Installation Tasks - Patching, cont.,

9233009:

- This patch is only needed if you are using **Agile 9.3.0/9.3.1 with VM**. To access the zip file or README, a password is required. (Should be the RUP password)
- Make sure the servers are running
- Unzip the zip file p9233009_9300_Generic.zip in the same location as it was copied to. This will create a new 9233009. Go into this directory and you will see a README.txt file. Make sure to go over this in case there are special instructions
- From the 9233009 directory run the command:
 - `opatch apply -invPtrLoc $AIA_HOME/oraInst.loc -oh $AIA_HOME/ -jre $SOA_HOME/jre/1.4.2`
 - After patch is successfully applied, re-start the SOA Server:
 - `$ORACLE_HOME/opmn/bin/opmnctl stopproc application=ascontrol`
 - `$ORACLE_HOME/opmn/bin/opmnctl stopall`
 - `$ORACLE_HOME/opmn/bin/opmnctl startall`
 - `$ORACLE_HOME/opmn/bin/opmnctl startproc application=ascontrol`

PIP Installation and Configuration

Setting Up Participating Applications – Ebiz

The below mentioned setups are assumed to be completed in Ebiz before the configurations specific to the PIP are done. The next several slides are basic set up instructions for Ebiz. For detailed steps, please refer to **Oracle E-Business Suite Developer's Guide** and **Oracle E-Business Suite System Administrator's Guide**

Mandatory Setups: Mandatory Setups required for INV, BOM, ENG should be done

- Item Catalog Category (Catalog Groups)

- Item Status

- Change Order Type

- Organization

- Manufacturers

- Cost Type

- Cost Group

- User setup (to be used for Integration)

Optional Setups: Optional Setups required for INV, BOM, ENG

- Item Templates

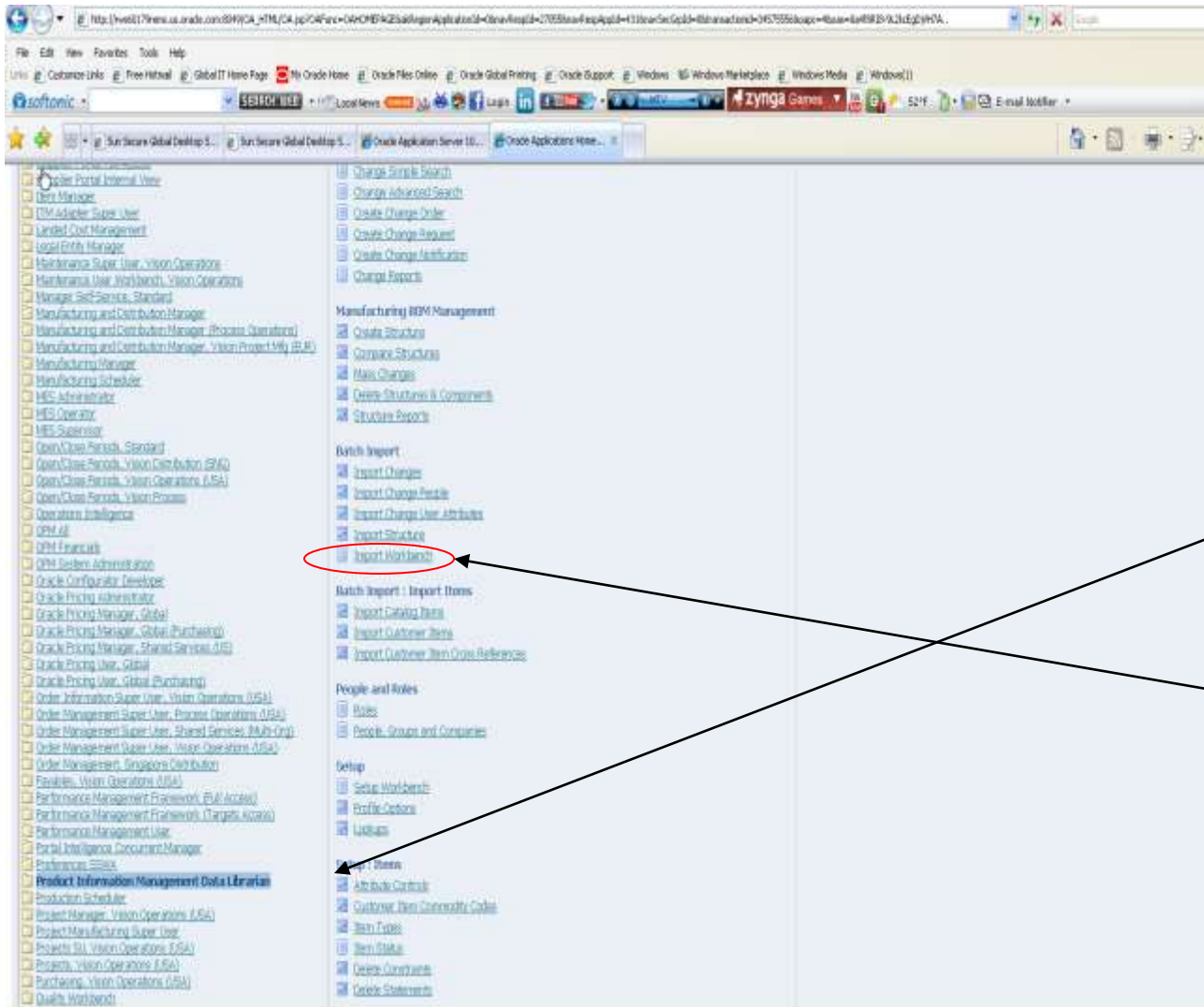
- Alternate Catalog and Catalog Category (Category Sets and Category)

- Descriptive Flex Fields for Item, BOM, Component, Change Order, Revised Item, Manufacturer Part Number Association

PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Setting up the PIM Spoke Source System



If the Ebiz version that was installed for the PIP is 12.1.x with the PIM option, the PIM Spoke Source System must be set up prior to running New Part Request (NPR) flow

Login to Oracle EBS and navigate to **Product Information Management Data Librarian Responsibility**

Select Import Workbench

On the following screen. Click on the System Set Up tab

On the following screen, click on Define Source System button

PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Setting up the PIM Spoke Source System, cont.,

The screenshot displays the Oracle Item Import Management interface for configuring a Spoke Source System. The main configuration area includes:

- Name:** AGILE_DT (indicated by an arrow)
- Type:** Spoke
- Description:** (Empty text area)
- *Code:** AGILE_DT (indicated by an arrow)
- Status:** Active (dropdown menu)
- Enable For Items
- Enable for Data Pool

Below the main configuration, there are two tabs: **Data Load Options** and **Import Options**. The **Import Options** tab is active, showing the following settings:

- Matching:**
 - Automatically Match on Data Load: Yes
 - Default Item Catalog Match Rule: Agile_Int_Match_Rule (dropdown menu)
 - Apply Default Match Rule To All Records
 - Automatically Confirm Single Matches: No
 - Automatically Confirm New Item on No Match: No
- Data Load Import:**
 - Automatically Import On Data Load: Yes
 - Default Revision Import Policy: Update Latest (dropdown menu)

The **Item Import Management** screen appears

The value for the name and code for the Spoke Source System indicates from which source an item is created in PIM

Status = Active

Check the **Enable For Items** checkbox

Leave the rest of the fields with the default values

Click Apply

Setting up the PIM Spoke Source System, cont.,

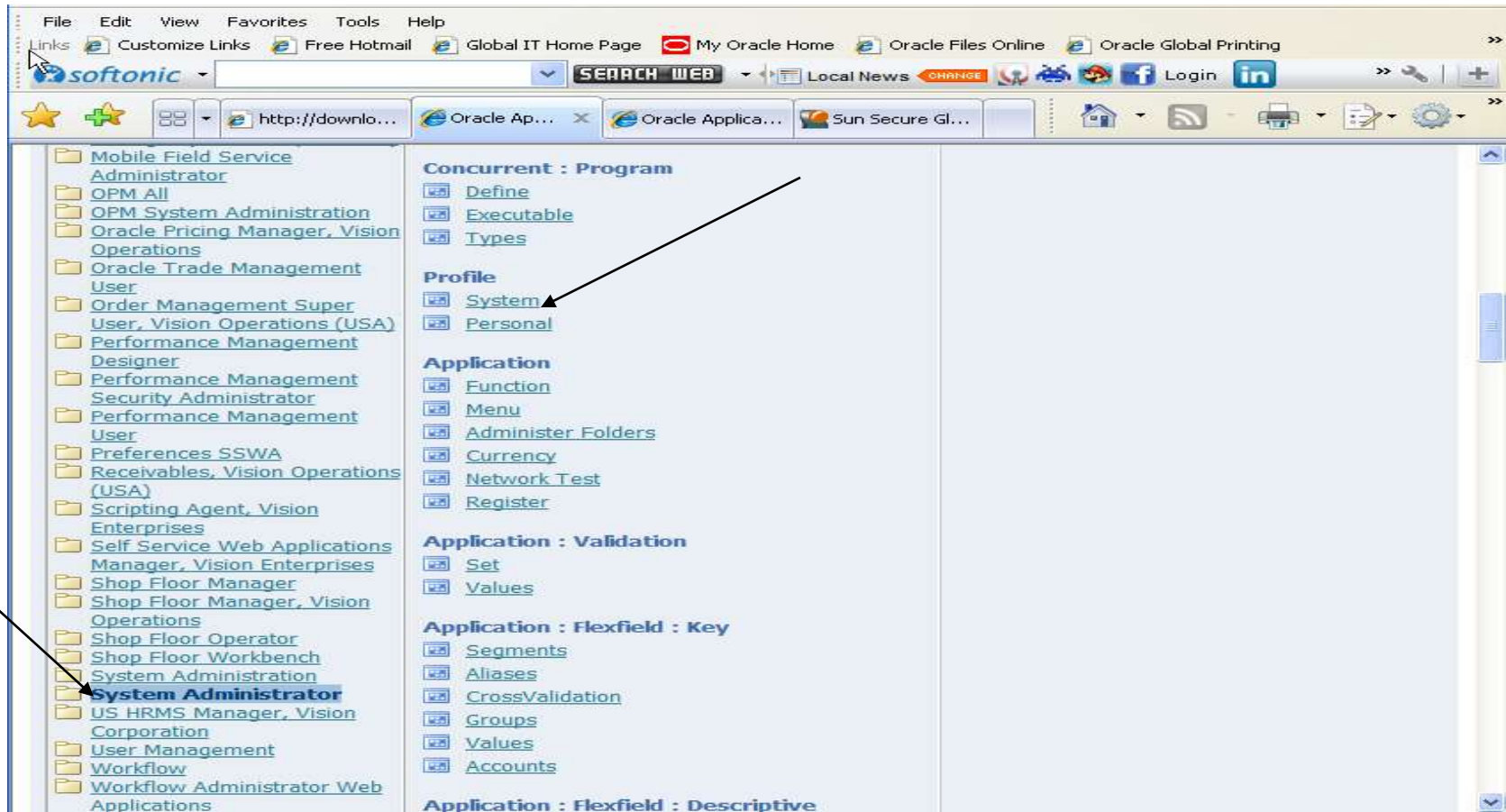
- After completing the setup, pass the Source System Code value, Sender ID, in the NPR process EBM from Agile PLM
- For Oracle Ebiz to Agile PLM flow, the PIM Spoke Source System Name should contain the list of valid spoke source system codes as defined in the Source System Setup
- These codes will be used to filter the items in Oracle Ebiz for sending to the Agile PLM
- Validate the setup by releasing an item from Agile, with source system code as Sender ID in the EBM from Agile. Verify that the source system references appear in the HTML UI under:
 - Product Information Management Data Librarian > Item Catalog > Item Search > Item > Associations > Source System Items
- Confirm that a single row appears under the Associations Tab in Source System Items Link

PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Forward Flows (Agile to Ebiz)

The following settings have to be configured in Ebiz to support the **Forward flows**
Login to the Ebiz environment > SystemAdministrator/Profile/System



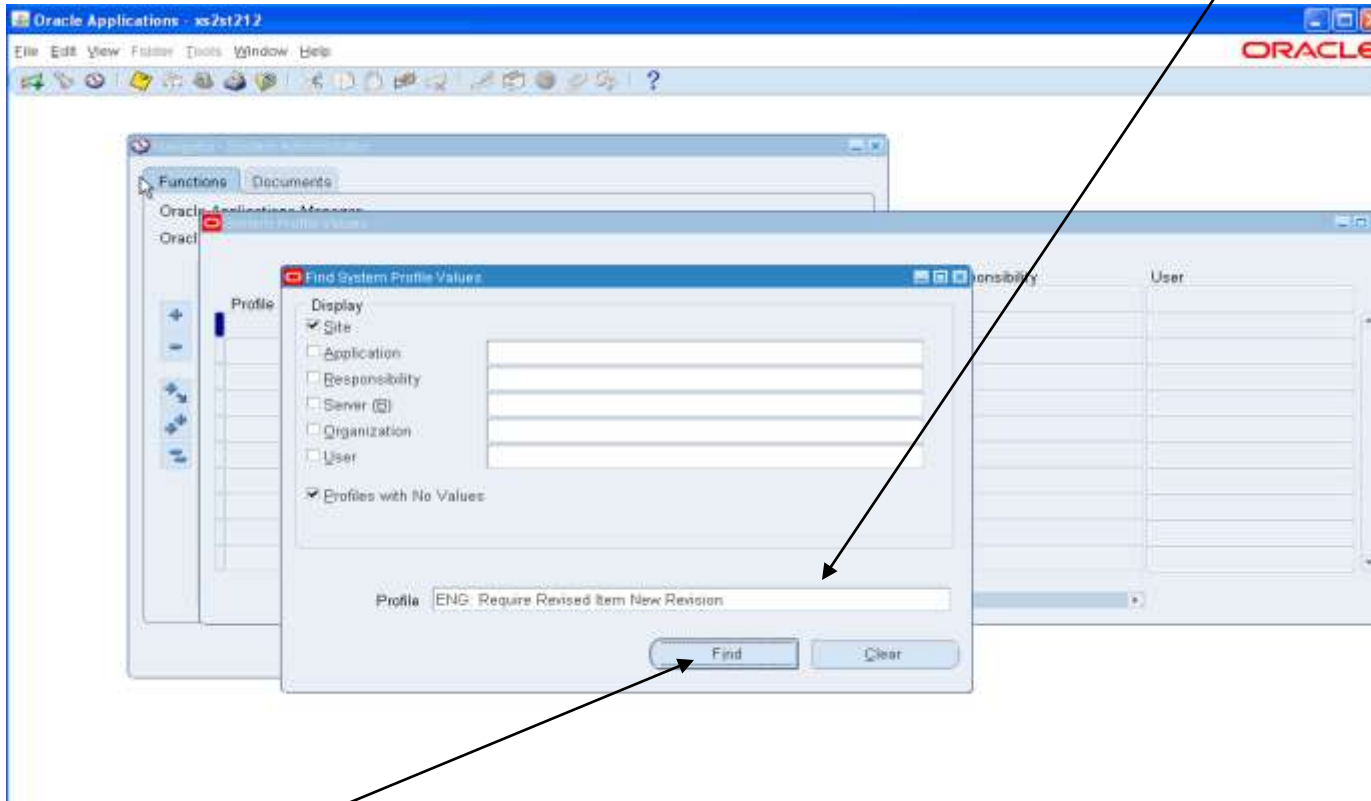
PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Forward Flows (Agile to Ebiz), cont.,

Several new windows will open. On the window for Find System Profile Values, search for: **ENG: Require Revised Item New Revision**

Select it and will take you back to the screen below, with the profile filled in



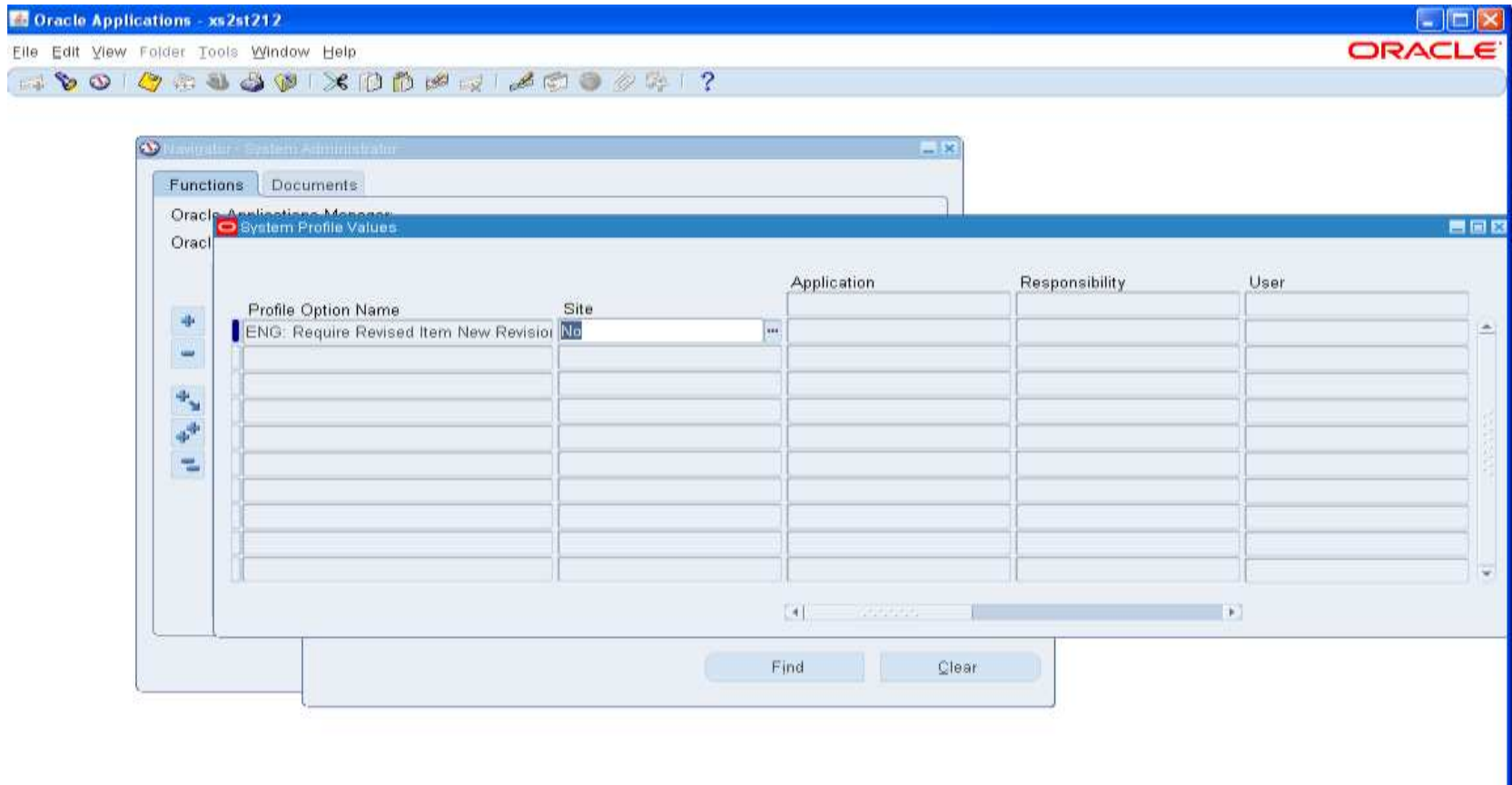
Click the Find button

PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Forward Flows (Agile to Ebiz), cont.,

System Profile Values window is displayed
Set the value for “Site” = No
Save the changes and exit

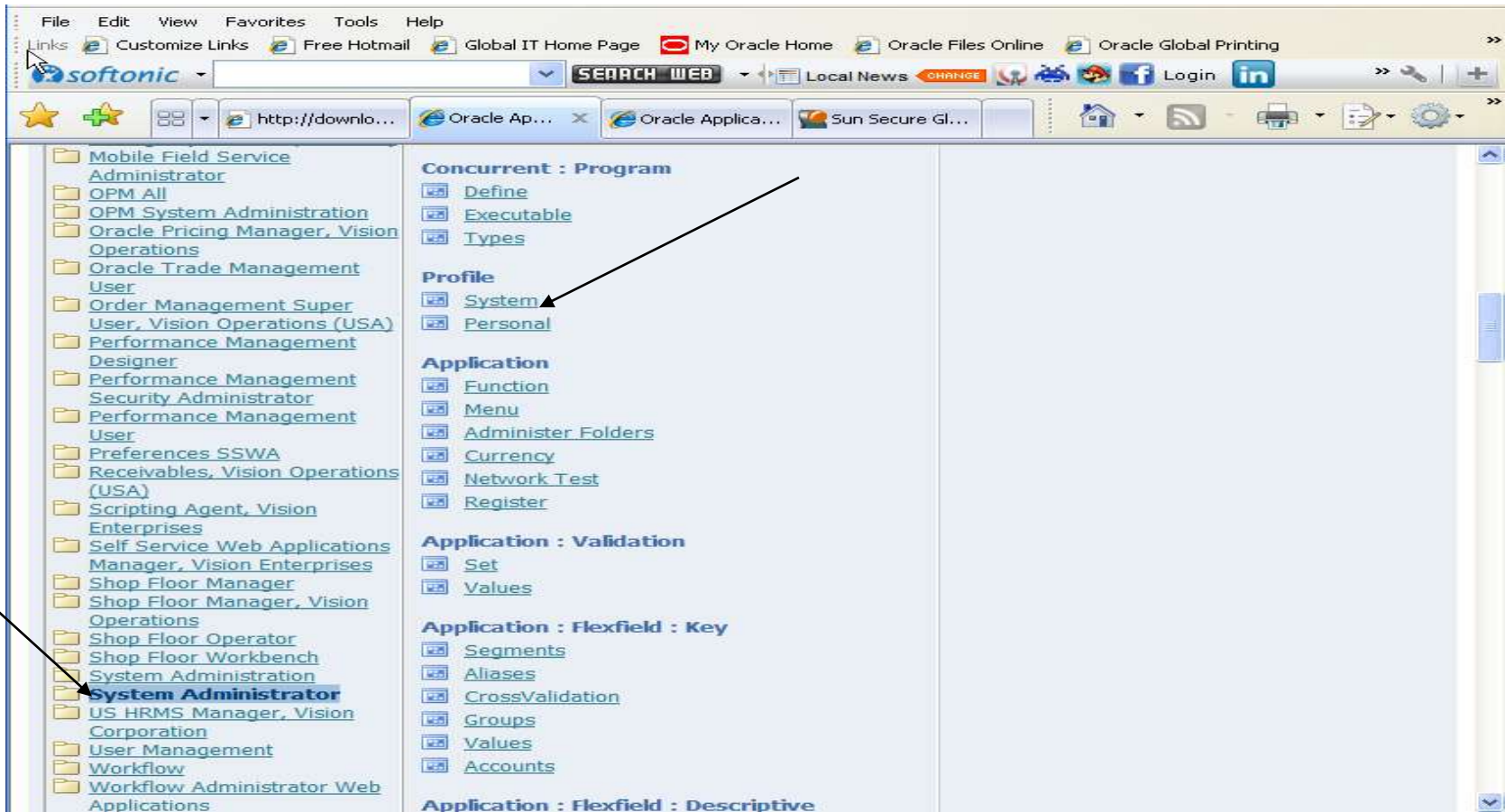


PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Reverse Flows (Ebiz to Agile)

The following settings have to be configured in Ebiz to support the Reverse flows
Login to the Ebiz environment > SystemAdministrator/Profile/System

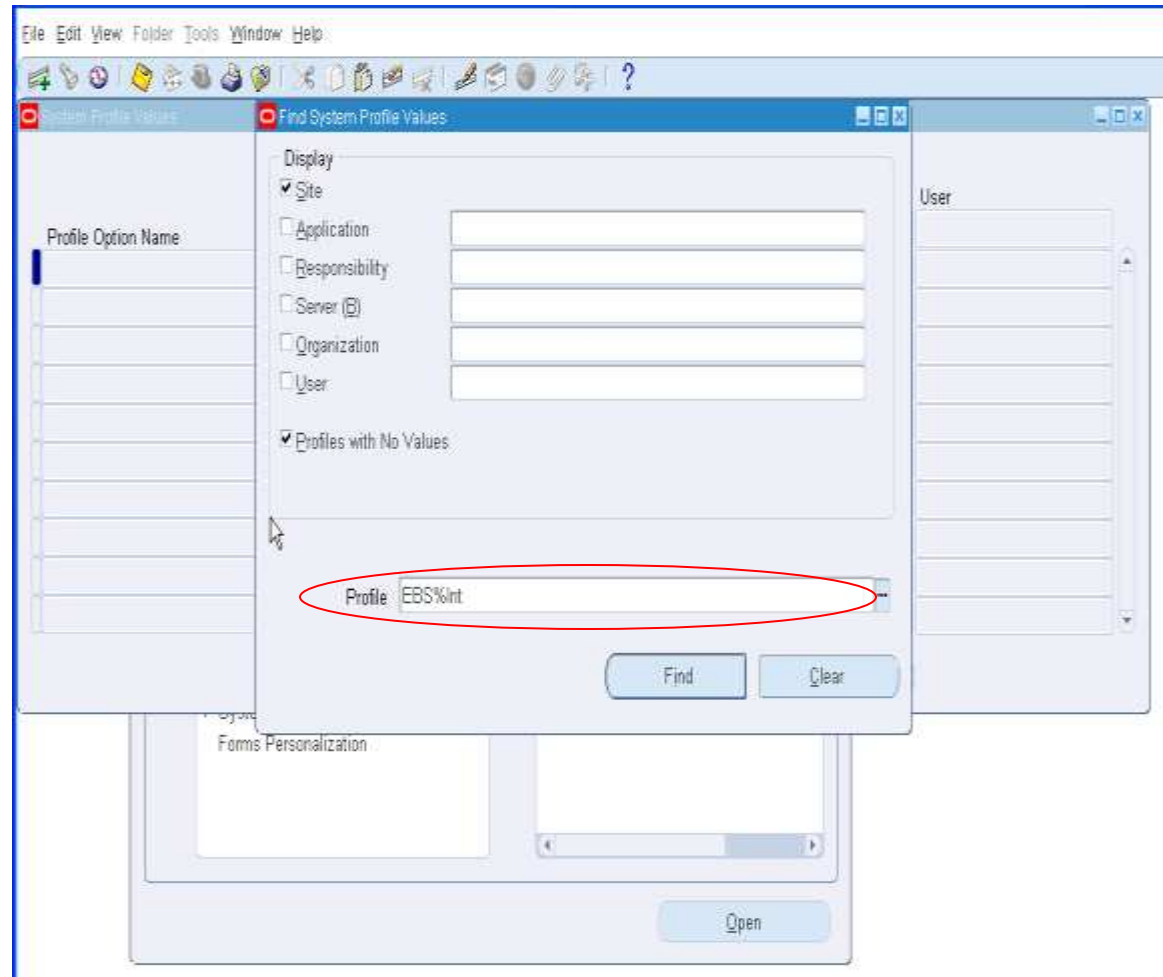


PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Reverse Flows (Ebiz to Agile), cont.,

- After you double click on System, Oracle Application will open, with several screens
- The top screen will be: Find System Profile Values
- Under the Profile field, type: EBS%Int
- Click find
- The screen on the next page will be displayed



PIP Installation and Configuration

Setting Up Participating Applications – Ebiz, cont.,

Reverse Flows (Ebiz to Agile), cont.,

- **Change Integration Server**
Host/Port: This is the name of the SOA server/port on Fusion Middleware (FMW)
- **Language Codes:** Set it to US
- **PIM Spoke Source System:** set it to AGILE_01
- **Change Server Endpoint URL:** This is the endpoint of the SOA server on Fusion Middleware (FMW)
- **Change Proxy Server Host:** This is the Soa server name
- **Change Proxy Server Port:** This is http Soa Server http/port number
- Leave the rest with the default values

The screenshot shows the 'System Profile Values' window in Oracle Applications. The window title is 'Oracle Applications - xs2st212'. The menu bar includes 'File', 'Edit', 'View', 'Folder', 'Tools', 'Window', and 'Help'. The toolbar contains various icons for navigation and editing. The main area displays a table of system profile values.

Profile Option Name	Site	Application	Responsibility
EBS Integration: Server Host:Port	http://adc60119fems.us.oracle.com		
EBS Integration: Batch Count	100		
EBS Integration: Debug Directory			
EBS Integration: Debug Option			
EBS Integration: Language Codes	US		
EBS Integration: PIM Spoke Source Sys	AGILE_01		
EBS Integration: Proxy Server Host	adc60119fems.us.oracle.com		
EBS Integration: Proxy Server Port	8831		
EBS Integration: Server Domain			
EBS Integration: Server Endpoint URL	http://adc60119fems.us.oracle.com		

Record: 8/10

PIP Installation and Configuration Resources

(Found in E-Delivery under the 2.5 Media Pack)

- Agile Product Lifecycle Management Integration Pack for Oracle E-Business Suite: Design to Release 2.5 - Implementation Guide https://edelivery.oracle.com/EPD/Download/get_form?egroup_aru_number=12840305 (V20889-01) – very specific details about the implementation of this pip, including setting up the participating applications. The appendix has valuable troubleshooting ideas
- Oracle Application Integration Architecture 2.5: Installation and Upgrade Guide – https://edelivery.oracle.com/EPD/Download/get_form?egroup_aru_number=12840305 (V24719-01) has very specific instructions on installing the Foundation Pack and the Pip, along with the patches

Other Resources:

- Oracle E-Business Suite Developer's Guide and Oracle E-Business Suite System Administrator's Guide
- *Oracle E-Business Suite Integrated SOA Gateway Troubleshooting Guide*: <https://support.us.oracle.com/oip/faces/secure/km/DocumentDisplay.jspx?id=726414.1>

PIP Installation and Configuration

Disclaimer:

There are some differences between this PowerPoint presentation and the documents found in E-Delivery. This is due to the various patches and the timing of the updates for the documentation guides. This PowerPoint is accurate as of March 25th, 2011. Please see differences below:

- The patches you need to take are included in the PowerPoint. The guide still needs to be updated in this area.
- For the patches, please make sure to go over the README.txt. It has more detailed instructions than this PowerPoint.
- This PowerPoint is meant to be a guide and you will need to refer to the documents mentioned for other details as suggested throughout the slides
- The 2.5 Implementation Guide does not include configurations for “Create Action Menu Based Process Extensions for Sync Item

Questions

