FLEXCUBE UBS Inbound Application Adapter Installation Document

Version 12.87.06.0.0

FLEXCUBE KERNEL

[May] [2020]

ORACLE
FINANCIAL SERVICES

ORACLE

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1

Installation Steps

1.1 Prerequisite

- ✓ Ensure that the basic MDB Gateway Environment Setup is done.
  [Please refer GW_MDB Installation.doc.]
- ✓ Ensure that the basic Adapter Environment Setup is done.
  [Please refer SSIAD_Installation_FCUBSV.UM8.0.0.0.0.0.0Lot1.doc.]

1.2 Steps

A. Configure FLEXCUBE UBS EJB Adapter Properties

Edit ***<KERNEL_INSTALL_DIR>/SSIAD_EJB/config/SSIAD_EJB_Prop.xml*** file to give appropriate values for the properties as described below,

1. XSD_PATH: This property specifies the path where the IsExchangeFileRequest.XSD is stored.

   e.g. XSD_PATH=<KERNEL_INSTALL_DIR>/SSIAD_EJB/XSD/

   [NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash at the end.]
2. SSIAD_EJB_ENVELOPE_XSD: This property specifies the name of the XSD against which SSIAD Envelope validation is done against the incoming messages.

   e.g. SSIAD_EJB_ENVELOPE_XSD = "IsExchangeFileRequest.XSD".
3. IS_XSD_VAL_REQD: This property specifies whether XSD validation should be done or not. To enable XSD validation specify "Y" and to disable specify "N".
4. IB_EJB_SERVER_URL: This property specifies protocol, server url and the port on which OC4J server is running in **protocol://server url:port/application name** format

   e.g. IB_EJB_SERVER_URL = "ormi://10.80.44.103:23791/SSIAD_EJB_Bean"
5. IB_EJB_CTX_FACTORY: This property define context factory for Oc4J server used by Oracle Application Server applications to perform JNDI operations

   e.g. IB_EJB_CTX_FACTORY ="com.evermind.server.rmi.RMIInitialContextFactory"

6. IB_EJB_SECURITY_PRINCIPAL: specifying the identity of the principal for authenticating the caller to the service if required otherwise can be left blank.
7. IB_EJB_SECURITY_CREDENTIALS: specifies the credentials of the principal for authenticating the caller to the service if required otherwise can be left blank.
8. IB_EJB_CALL_TYPE: This property specifies the call type of EJB that must always be REMOTE.
9. IB_EJB_LOCAL_CALL: This property must always be LOCAL.

10. IB_EJB_REMOTE_CALL: This property must always be REMOTE.
11. FCUBS_DB_SERVER_IP: This property defines FCUBS Database server IP address.
12. FCUBS_DB_SERVER_UID: This property defines user id for FCUBS Database server.
13. FCUBS_DB_SERVER_PWD: This property defines password for FCUBS Database server.
14. FCUBS_DB_PAYLOAD_PATH: This property defines payload file path on FCUBS Database server.
15. FCUBS_DB_DEAD_LETTER_PATH: This property defines dead letter file path on FCUBS Database server.

    [NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash at the end.]
16. SSIAD_EJB_JMS_ICF: This property defines InitialContextFactory that is responsible for getting and instance of the initial context. It is also responsible for looking up JMS topics and queues.
17. SSIAD_EJB_JMS_PROVIDER_URL: This property is used for external JNDI lookups. eg. provider URL in <host>[:<port>] format.

    Specify whole path of the binding file that has been created for Gateway MDB installation.
18. SSIAD_EJB_JMS_SECURITY_ PRINCIPAL: This property defines the name of the entity (user) that is authenticated when the connection to the JMS provider is established. The Security Principal and the Security Credentials are included in the naming context when the connection factory is looked up from the naming.
19. SSIAD_EJB_JMS_SECURITY_CREDENTIALS: This property defines the credentials (typically a password) that authenticate the security principal to the JMS provider.
20. SSIAD_EJB_JMS_QCF: This property specifies the Queue Connection Factory of the Queue Manager to which the Gateway MDB is associated. A queue connection factory is used to create connections to the associated JMS provider of JMS queue destinations, for point-to-point messaging.

    eg. SSIAD_EJB_JMS_QCF =MDBQCF
21. SSIAD_EJB_JMS_QUEUE_NAME: This property specifies the Queue on which the

Gateway MDB is listening.

SSIAD_EJB_JMS_QUEUE_NAME =MDB_QUEUE

22. SSIAD_EJB_JMS_Q_ACKNOWLEDGE: This property specifies the mode of acknowledgement to be given to the MOM by the application. The possible values are CLIENT_ACKNOWLEDGE, DUPS_OK_ACKNOWLEDGE and AUTO_ACKNOWLEDGE.
23. SSIAD_EJB_JMS_Q_TRANSACTION: This property specifies whether the message sent/received has to be transacted or not. The value is false.
24. SSIAD_EJB_JMS_Q_DELIVERY_OPT: The message delivery option represents whether the message will be delivered with the Delivery mode as PERSISTENT or NON-PERSISTENT. Possible values are 1 and 2. 1 represents delivery mode to be NON-PRESISTENT while 2 represents the delivery mode to be PRESISTENT.
25. SSIAD_EJB_JMS_Q_TIME_TO_LIVE: This is the maximum time in milliseconds for which the outgoing/reply message will remain in the queue before expiring, if not already picked up by the external system application. Value 0 ensures that message will NEVER expire.
26. SSIAD_EJB_JMS_Q_PRIORITY: This is the priority of the outgoing/reply message. Priority value can be ranging from 0 to 9, 9 being highest priority and 0 being lowest priority. Priorities 0-4 are gradations of normal priority and priorities 5-9 are gradations of expedited priority.
27. SSIAD_EJB_MH_IP: This property defines SSI MH server IP address.
28. SSIAD_EJB_MH_USERID: This property defines user id for SSI MH server.
29. SSIAD_EJB_MH_PASSWORD: This property defines password for SSI MH server.
30. SSIAD_EJB_MH_ENVELOPE: This property defines envelope file path on SSI MH server.
31. SSIAD_MH_PAYLOAD_PATH: This property defines payload file path on SSI MH server.
32. XSL_PATH: This property specifies the path where the SSI_ADAPTER.XSL is stored.

    eg.. XSL_PATH =<KERNEL_INSTALL_DIR>/SSIAD_EJB/XSL/

    [NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash at the end.]
33. SSIAD_EJB_XSL: This property specifies the XSL file name.

    eg.. SSIAD_ADAPTER_XSL = SSIAD_EJB_XSL.xsl
34. EJB_OBJ_PATH: Defines path to store EJB reference.

    [NOTE: Give XSD file path with forward slash (/) as file separator and remember to give a slash at the end.]
35. MSG_REPOLL_SLEEP_TIME: This property specifies interval of polling in milliseconds
36. LOGGER_PATH: This property specifies the path of the logger property file. This file can be found

at <KERNEL_INSTALL_DIR>/SSIAD_EJB/config.

[NOTE: Give the logger path with forward slash (/).]

The SSIAD_EJB_Prop.xml will look similar as follows,

```
<add key="XSD_PATH" value="D:/KERNEL_SSIAD_OC4J/SSIAD_EJB/XSD/"/>
<add key="SSIAD_EJB_XSD" value="IsExchangeFileRequest.XSD"/>
<add key="IS_XSD_VAL_REQD" value="Y"/>
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <Start> -->
<!--
      <add key="MAX_CLOB_LEN" value="32512"/>
      <add key="DB_TIMEOUT" value="20"/>
      <add key="FCUBS_MSG_SCHEMA_CON_POOLNAME" value="KERNELDEV.WORLD"/>
      <add key="FCIS_MSG_SCHEMA_CON_POOLNAME" value="FCIS_MSG_SCHEMA"/>
-->
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <End> -->
<add key="IB_EJB_JNDI_NAME" value="SSIAD_EJB_Bean"/>
<add key="IB_EJB_SERVER_URL" value="ormi://10.80.161.40:23791"/>
<add key="IB_EJB_CTX_FACTORY" value="com.evermind.server.rmi.RMIInitialContextFactory"/>
<add key="IB_EJB_SECURITY_PRINCIPAL" value="oc4jadmin"/>
<add key="IB_EJB_SECURITY_CREDENTIALS" value="oc4jadmin"/>
<add key="IB_EJB_CALL_TYPE" value="REMOTE"/>
<add key="IB_EJB_LOCAL_CALL" value="LOCAL"/>
<add key="IB_EJB_REMOTE_CALL" value="REMOTE"/>
                    <!-- FTP FC DB details -->
<add key="FCUBS_DB_SERVER_IP" value="10.80.50.227"/>
<add key="FCUBS_DB_SERVER_UID" value="kerneldev"/>
<add key="FCUBS_DB_SERVER_PWD" value="kerneldev"/>
<add key="FCUBS_DB_PAYLOAD_PATH" value="users/TestDes/"/>
<add key="FCUBS_DB_DEAD_LETTER_PATH" value="C:/Documents and Settings/Default
User/DLF/"/>
                     <!-- JMS details -->
<add key="SSIAD_EJB_JMS_ICF" value="com.sun.jndi.fscontext.RefFSContextFactory"/>
<add key="SSIAD_EJB_JMS_PROVIDER_URL" value="file:/D:/bindings"/>
<add key="SSIAD_EJB_JMS_SECURITY_PRINCIPAL" value=""/>
<add key="SSIAD_EJB_JMS_SECURITY_CREDENTIALS" value=""/>
<add key="SSIAD_EJB_JMS_QCF" value="MDBQCF"/>
<add key="SSIAD_EJB_JMS_QUEUE_NAME" value="MDB_QUEUE"/>
<add key="SSIAD_EJB_JMS_Q_ACKNOWLEDGE" value="AUTO_ACKNOWLEDGE"/>
<add key="SSIAD_EJB_JMS_Q_TRANSACTION" value="false"/>
```

```
<add key="SSIAD_EJB_JMS_Q_DELIVERY_OPT" value="2"/>
<add key="SSIAD_EJB_JMS_Q_TIME_TO_LIVE" value="500000"/>
<add key="SSIAD_EJB_JMS_Q_PRIORITY" value="7"/>
                    <!-- FTP SSI MH DETAILS -->
<add key="SSIAD_EJB_MH_IP" value="10.80.161.40"/>
<add key="SSIAD_EJB_MH_USERID" value="rashmish"/>
<add key="SSIAD_EJB_MH_PASSWORD" value="Password123"/>
<add key="SSIAD_EJB_MH_ENVELOPE" value="Inbound/InEnvelop/"/>
<add key="SSIAD_MH_PAYLOAD_PATH" value="Inbound/InPayload/"/>
                     <!-- XSL -->
<add key="XSL_PATH" value="D:/KERNEL_SSIAD_OC4J/SSIAD_EJB/XSL/"/>
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <Start> -->
<add key="SSIAD_EJB_XSL" value="SSIAD_EJB_XSL.xsl"/>
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <End> -->
                     <!-- Client -->
<add key="EJB_OBJ_PATH" value="C:/Documents and Settings/Default User/ejb/obj"/>
                          <!-- MISCELLANEOUS PROPERTIES -->
<add key="LOGGER_PATH"
                   value="D:/KERNEL_SSIAD_OC4J/SSIAD_EJB/config/ssiad_ejb_logger.xml"/>
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <Start> -->
<add key="MSG_REPOLL_SLEEP_TIME" value="1000"/>
<!-- Kernel 8.0 Lot 1 ITR1 SFR#01 <End> -->
```

B. Configure logger parameters

- Edit <KERNEL_INSTALL_DIR>/SSIAD_EJB/config/ssiad_ejb_logger.xml file to change the value of the property "SSIAD.LOGGER.FPATH" to <KERNEL_INSTALL_DIR>/SSIAD_EJB/log/.

  eg. If the value of your <KERNEL_INSTALL_DIR> is D:/Kernel8.0, then the entry for this property will be,

```
<add key="SSIAD.LOGGER.FPATH" value="D:/Kernel8.0/SSIAD_EJB/log/"/>
```

[NOTE: Give SSIAD.LOGGER.FPATH with forward slash (/) as file separator and remember to give a slash (/) at the end.]

C. Run the build file

✓ For WINDOWS

- Go to the folder <KERNEL_INSTALL_DIR>\setup in the command prompt, type **"set_env"** and press enter.
- Change directory to <KERNEL_INSTALL_DIR>\SSIAD_EJB\setup\OC4J in the command prompt, type **"ant"** and press enter.

✓ For UNIX

- Go to the folder <KERNEL_INSTALL_DIR>/setup in the shell prompt, type **"set_env.sh"** and press enter.
- Change directory to <KERNEL_INSTALL_DIR>/SSIAD_EJB/setup/OC4J in the shell prompt, type **"ant"** and press enter.

[NOTE: Please make sure that you get a message BUILD SUCCESSFUL after compilation.]

D. Deploy the EJB in Oracle 10g Application Server

1. Stop the application server.

✓ For WINDOWS

– Set JAVA_HOME and ORACLE_HOME with the paths in your machine

e.g.

```
set ORACLE_HOME=D:\Oracle10gAS
set JAVA_HOME=%ORACLE_HOME%\jdk
```

– Go to the <APP_SERVER_HOME>/bin directory in the command prompt

e.g. cd %APP_SERVER_HOME%\bin

– Type oc4j –start

This will start the server. Ensure that you get no error during start up. If the server start up is proper we shall get the following screen.

- ✓ For UNIX
  - – Set JAVA_HOME and ORACLE_HOME with the paths in your machine

    e.g.

    export ORACLE_HOME=/home/Oracle10gAS

    export JAVA_HOME=${ORACLE_HOME}/jdk
  - – Go to the <APP_SERVER_HOME>/bin directory in the command prompt

    e.g. cd ${APP_SERVER_HOME]/bin
  - – Type **oc4j –shutdown –port 23791 –password <admin_password>**

    e.g. oc4j –shutdown –port 23791 –password oc4jadmin

    This will stop the server.

2. Start the application server.

- ✓ For WINDOWS
  - - Set JAVA_HOME and ORACLE_HOME with the paths in your machine.

    e.g.

    set ORACLE_HOME=D:\Oracle10gAS
    set JAVA_HOME=%ORACLE_HOME%\jdk
  - – Go to the <APP_SERVER_HOME>/bin directory in the command prompt

    E.g. cd %APP_SERVER_HOME%\bin
  - - Type **oc4j –start**

    This will start the server. Ensure that you get no error during start up. If the server start up is proper, the following be displayed on the command prompt.
- ✓ For UNIX
  - – Set JAVA_HOME and ORACLE_HOME with the paths in your machine.

    e.g.

    export ORACLE_HOME=/home/Oracle10gAS

    export JAVA_HOME=${ORACLE_HOME}/jdk
  - – Go to the <APP_SERVER_HOME>/bin directory in the command prompt

    E.g. cd ${APP_SERVER_HOME}/bin
  - – Type **oc4j –start**

    This will start the server. Ensure that you get no error during start up.

3. Open the Administrative Console of Oracle Enterprise Manager

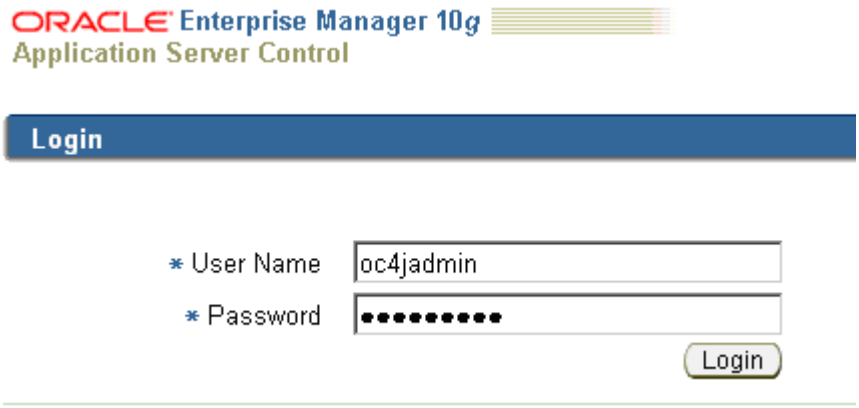
- ✓ Open an internet browser and type the OC4J Admin Console URL Address of the server.

  e.g. http://10.80.4.116:8888/em

  where, 10.80.4.116 is the machine IP Address on which OC4J is running.

- ✓ Login to Administrative Console

  Enter OC4J administrator username/password and press **Login**.



4. Deploying SSIAD_EJB_Bean.ear

- ✓ Click on Applications -> Deploy.

ORACLE Enterprise Manager 10g
Application Server Control

Setup Logs Help

Cluster Topology > Application Server: oracle.DDTD0270.i-flex.com >

OC4J: home

Page Refreshed **Jun 27, 2007 1:16:04**

Home | **Applications** | Web Services | Performance | Administration

This page shows the J2EE applications and application components (EJB Modules, WAR Modules, Resource Adapter Modules) deployed to this OC4J instance.

View Applications

Start | Stop | Restart | Undeploy | Redeploy | Deploy

Expand All | Collapse All

Select	Name	Status	Start Time	Active Requests	Request Processing Time (seconds)	Active EJB Methods	Application Defined MBeans
	All Applications						
	ascontrol		Jun 27, 2007 1:13:06 PM IST	1	0.63	0	
	default		Jun 27, 2007 1:13:06 PM IST	0	0.00	0	
	GW_EJB_Bean		Jun 27, 2007 1:13:07 PM IST	0	0.00	0	
	GW_HTTP_Servlet		Jun 27, 2007 1:13:07 PM IST	0	0.00	0	
	GW_MDB_Bean		Jun 27, 2007 1:13:16 PM IST	0	0.00	0	
	SSIAD_Client_Servlet		Jun 27, 2007 1:13:17 PM IST	0	0.00	0	
	bc4j		Jun 27, 2007 1:13:06 PM IST	0	0.00	0	

Home | **Applications** | Web Services | Performance | Administration

5. Following screen will be displayed.

- ✓ Click on **Browse**.
- ✓ Specify the local path of the enterprise archive file:

  <KERNEL_INSTALL_DIR>/SSIAD_EJB/build/SSIAD_EJB_Bean.ear
- ✓ Click on **Next**.

ORACLE Enterprise Manager 10g
Application Server Control

Setup Logs Help Logout

Select Archive — Application Attributes — Deployment Settings

Deploy: Select Archive

Cancel Step 1 of 3 Next

Archive

The following types of archives can be deployed: J2EE application (EAR files), Web Modules (WAR files), EJB Modules (EJB JAR files) and Resource Adapter Modules (RAR files).

(•) Archive is present on local host. Upload the archive to the server where Application Server Control is running.

Archive Location D:\KERNEL_SSIAD_OC4J\SSIAD_EJB\build\SSIAD_EJB_Bean.ear Browse...

( ) Archive is already present on the server where Application Server Control is running.

Location on Server

The location on server must be the absolute path or the relative path from j2ee/home

Deployment Plan

The deployment plan is an XML file that contains the deployment settings for an application. If you do not have a deployment plan, one will be created automatically during the deployment process. Later in the deployment process, you can optionally edit the deployment plan and save it for a future deployment of this application.

(•) Automatically create a new deployment plan.

The deployment plan settings will be based on OC4J defaults and information contained in the archive

( ) Deployment plan is present on local host. Upload the deployment plan to the server where Application Server Control is running.

Plan Location Browse...

( ) Deployment plan is already present on server where Application Server Control is running.

Location on Server

The location on server must be the absolute path or the relative path from j2ee/home

Cancel Step 1 of 3 Next

Setup | Logs | Help | Logout

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6. **Following screen will be displayed.**

- ✓ Click on **Next**.

7. **Following screen will be displayed.**

- ✓ Go to **Configure EJBs** Task**.**

ORACLE Enterprise Manager 10g
Application Server Control

Help Logout

Select Archive | Application Attributes | **Deployment Settings**

Deploy: Deployment Settings

Cancel | Back | Step 3 of 3 | Deploy

Archive Type	**J2EE Application (EAR file)**	Application Name	**SSIAD_EJB_Bean**
Archive Location	**D:\KERNEL_SSIAD_OC4J\SSIAD_EJB\build\SSIAD_EJB_Bean.ear**	Parent Application	**default**
Deployment Plan	**Creating a new plan**	Bind Web Module to Site	**default-web-site**
		Context Root	

Deployment Tasks

The table below provides a set of common deployment tasks you might want to perform for this application. Only those tasks that apply to the current application are enabled.

Task Name	Go To Task	Description
Map Environment References		Map any environment references in your application (for example, data sources) to physical entities currently present on the operational environment.
Select Security Provider		A security provider acts as the source for available users and groups when mapping security roles.
Map Security Roles		Map any security roles exposed by your application to existing users and groups. The list of users and groups is obtained from the security provider you selected for this application.
Configure EJBs		Configure the Enterprise JavaBeans in your application.
Configure Clustering		Configure clustering of your application.
Configure Class Loading		Manipulate the classpath of your application.

Advanced Deployment Plan Editing

Click Edit Deployment Plan to set more advanced deployment options. Edit Deployment Plan

Save Deployment Plan

After you make changes, you can save the deployment plan to your local disk. You can then use the saved deployment plan to redeploy this application later. Save Deployment Plan

Cancel | Back | Step 3 of 3 | Deploy

Help | Logout

8. **Following screen will be displayed.**

- ✓ **JNDI Name to Bind this EJB** – Enter **SSIAD_EJB_Bean**
- ✓ Click on **OK**

ORACLE Enterprise Manager 10g
Application Server Control

Help Logout

Select Archive | Application Attributes | **Deployment Settings**

Deployment Settings: Configure Enterprise Beans

Cancel OK

Archive Type	**J2EE Application (EAR file)**	Application Name	**SSIAD_EJB_Bean**
Archive Location	**D:\KERNEL_SSIAD_OC4J\SSIAD_EJB\build\SSIAD_EJB_Bean.ear**	Parent Application	**default**
Deployment Plan	**Creating a new plan**	Bind Web Module to Site	**default-web-site**
		Context Root	

Configure Entity Beans

Entity Bean	EJB Module	Persistence Type	Pool Size		Max Transaction Retries	Pool Cache Timeout (sec)	JNDI Name to Bind this EJB
			Min Instances	Max Instances			
No entity beans found							

Configure Session Beans

Session Bean	EJB Module	Pool Size		Max Transaction Retries (default: 0)	Timeouts		JNDI Name to Bind this EJB
		Min Instances (default: 0)	Max Instances (default: 0)		Call Timeout (ms) (default: 90,000)	Pool Cache Timeout (sec) (default: 60)	
SSIAD_EJB_Bean	SSIAD_EJB_Bean.jar						SSIAD_EJB_Bean

9. **Following screen will be displayed.**

- ✓ Go to **Configure Class Loading** Task.

ORACLE Enterprise Manager 10g
Application Server Control

Help Logout

Select Archive — Application Attributes — **Deployment Settings**

Deploy: Deployment Settings

Cancel | Back | Step 3 of 3 | Deploy

Archive Type	**J2EE Application (EAR file)**	Application Name	**SSIAD_EJB_Bean**
Archive Location	**D:\KERNEL_SSIAD_OC4J\SSIAD_EJB\build\SSIAD_EJB_Bean.ear**	Parent Application	**default**
Deployment Plan	**Creating a new plan**	Bind Web Module to Site	**default-web-site**
		Context Root	

Deployment Tasks

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Advanced Deployment Plan Editing

Click Edit Deployment Plan to set more advanced deployment options. Edit Deployment Plan

Save Deployment Plan

After you make changes, you can save the deployment plan to your local disk. You can then use the saved deployment plan to redeploy this application later. Save Deployment Plan

Cancel | Back | Step 3 of 3 | Deploy

Help | Logout

10. Following screen will be displayed.

- ✓ Uncheck **oracle.xml**
- ✓ Click on **Ok**

ORACLE Enterprise Manager 10g
Application Server Control

Help Logout

Select Archive — Application Attributes — **Deployment Settings**

Deployment Settings: Configure Class Loading

Cancel OK

Archive Type	**J2EE Application (EAR file)**	Application Name	**SSIAD_EJB_Bean**
Archive Location	**D:\KERNEL_SSIAD_OC4J\SSIAD_EJB\build\SSIAD_EJB_Bean.ear**	Parent Application	**default**
Deployment Plan	**Creating a new plan**	Bind Web Module to Site	**default-web-site**
		Context Root	

Import Shared Libraries

The following table lists the shared libraries installed in this OC4J instance. Select Import to declare your application's dependency on a shared library. Optionally specify a minimum or maximum version to import.

☑ Inherit parent application's shared library imports

TIP When checked, future changes to the parent application's shared library imports will be effective to this application.

Previous 10 | 11-20 of 22 | Next 2

Shared Library	Available Versions	Minimum Version To Use	Maximum Version To Use	Imported By Parent Application	Import
oracle.jdbc	10.1.0_2			✓	☑
oracle.jwsdl	10.1.3			✓	☑
oracle.sqlj	10.1.3			✓	☑
oracle.toplink	10.1.3			✓	☑
oracle.ws.client	10.1.3			✓	☑
oracle.ws.core	10.1.3				☐
oracle.ws.reliability	10.1.3				☐
oracle.ws.security	10.1.3				☐
oracle.wsm	10.1.3				☐
oracle.xml	10.1.0_2			✓	☐

Previous 10 | 11-20 of 22 | Next 2

Configure Application Libraries

Add additional archives or directories to this application's classpath. Specify a path relative to the root of the EAR, or an absolute path on the target server.

11.Following screen will be displayed.

- ✓ Click on **Deploy**

ORACLE Enterprise Manager 10g
Application Server Control

Help Logout

Select Archive — Application Attributes — **Deployment Settings**

Information

Deployment plan has been updated successfully.

Deploy: Deployment Settings

Cancel | Back | Step 3 of 3 | Deploy

Archive Type	**J2EE Application (EAR file)**	Application Name	**SSIAD_EJB_Bean**
Archive Location	**D:\KERNEL_SSIAD_OC4J\SSIAD_EJB\build\SSIAD_EJB_Bean.ear**	Parent Application	**default**
Deployment Plan	**Creating a new plan**	Bind Web Module to Site	**default-web-site**
		Context Root	

Deployment Tasks

The table below provides a set of common deployment tasks you might want to perform for this application. Only those tasks that apply to the current application are enabled.

Task Name	Go To Task	Description
Map Environment References		Map any environment references in your application (for example, data sources) to physical entities currently present on the operational environment.
Select Security Provider		A security provider acts as the source for available users and groups when mapping security roles.
Map Security Roles		Map any security roles exposed by your application to existing users and groups. The list of users and groups s obtained from the security provider you selected for this application.
Configure EJBs		Configure the Enterprise JavaBeans in your application.
Configure Clustering		Configure clustering of your application.
Configure Class Loading		Manipulate the classpath of your application.

Advanced Deployment Plan Editing

Click Edit Deployment Plan to set more advanced deployment options. Edit Deployment Plan

12.Following screen will be displayed.

- ✓ Click on **Return**

ORACLE Enterprise Manager 10g
Application Server Control

Help Logout

Confirmation

Return

The Application "SSIAD_EJB_Bean" has been successfully deployed.

Progress Messages

```
[Jun 27, 2007 2:53:57 PM] Application Deployer for SSIAD_EJB_Bean STARTS.
[Jun 27, 2007 2:53:57 PM] Copy the archive to D:\OracleAS_1\j2ee\home\applications\SSIAD_EJB_Bean.ear
[Jun 27, 2007 2:53:57 PM] Initialize D:\OracleAS_1\j2ee\home\applications\SSIAD_EJB_Bean.ear begins...
[Jun 27, 2007 2:53:58 PM] Unpacking SSIAD_EJB_Bean.ear
[Jun 27, 2007 2:53:58 PM] Done unpacking SSIAD_EJB_Bean.ear
[Jun 27, 2007 2:53:58 PM] Initialize D:\OracleAS_1\j2ee\home\applications\SSIAD_EJB_Bean.ear ends...
[Jun 27, 2007 2:53:58 PM] Starting application : SSIAD_EJB_Bean
[Jun 27, 2007 2:53:58 PM] Initializing ClassLoader(s)
[Jun 27, 2007 2:53:58 PM] Initializing EJB container
[Jun 27, 2007 2:53:58 PM] Loading connector(s)
[Jun 27, 2007 2:53:58 PM] Starting up resource adapters
[Jun 27, 2007 2:53:58 PM] Processing EJB module: SSIAD_EJB_Bean.jar
[Jun 27, 2007 2:53:59 PM] Compiling EJB generated code
[Jun 27, 2007 2:54:11 PM] Initializing EJB sessions
[Jun 27, 2007 2:54:11 PM] Committing ClassLoader(s)
[Jun 27, 2007 2:54:11 PM] Started application : SSIAD_EJB_Bean
[Jun 27, 2007 2:54:11 PM] Binding web application(s) to site default-web-site begins...
[Jun 27, 2007 2:54:11 PM] Binding web application(s) to site default-web-site ends...
[Jun 27, 2007 2:54:11 PM] Application Deployer for SSIAD_EJB_Bean COMPLETES. Operation time: 13437 msecs
```

Return

Help | Logout

13. Following screen will be displayed

ORACLE Enterprise Manager 10g
Application Server Control

Setup Logs Help Logout

Cluster Topology > Application Server: oracle.DDTD0270.i-flex.com >

OC4J: home

Page Refreshed **Jun 27, 2007 3:02:36 PM IST**

Home | **Applications** | Web Services | Performance | Administration

This page shows the J2EE applications and application components (EJB Modules, WAR Modules, Resource Adapter Modules) deployed to this OC4J instance.

View Applications

Start | Stop | Restart | Undeploy | Redeploy | Deploy

Expand All | Collapse All

Select	Name	Status	Start Time	Active Requests	Request Processing Time (seconds)	Active EJB Methods	Application Defined MBeans
	All Applications						
	ascontrol		Jun 27, 2007 1:13:06 PM IST	2	0.36	0	
	default		Jun 27, 2007 1:13:06 PM IST	0	0.00	0	
	GW_EJB_Bean		Jun 27, 2007 1:13:07 PM IST	0	0.00	0	
	GW_HTTP_Servlet		Jun 27, 2007 1:13:07 PM IST	0	0.00	0	
	GW_MDB_Bean		Jun 27, 2007 1:13:16 PM IST	0	0.00	0	
	SSIAD_Client_Servlet		Jun 27, 2007 1:13:17 PM IST	0	0.00	0	
	SSIAD_EJB_Bean		Jun 27, 2007 2:54:11 PM IST	0	0.00	0	
	bc4j		Jun 27, 2007 1:13:06 PM IST	0	0.00	0	

Home | **Applications** | Web Services | Performance | Administration

Setup | Logs | Help | Logout

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E. Notifying the SSIAD_EJB_Bean to start polling on Folder

✓ For Windows

1. Open a Command prompt
2. Go to <KERNEL_INSTALL_DIR>\setup
3. Type **set_env** and press Enter.
4. Go to <KERNEL_INSTALL_DIR>\SSIAD_EJB\client\OC4J
5. Type **runEJBClient START** and press enter

✓ For Unix

1. Go to <KERNEL_INSTALL_DIR>/setup
2. Type **chmod +x set_env.sh** and press Enter.
3. Type **set_env.sh** and Press Enter.
4. Go to <KERNEL_INSTALL_DIR>/ SSIAD_EJB /client/OC4J
5. Type **chmod +x runEJBClient.sh**
6. Type **runEJBClient.sh START** and press Enter

F. Canceling the SSIAD_EJB_Bean so as to stop polling on Folder

✓ For Windows

1. Open a Command prompt
2. Go to <KERNEL_INSTALL_DIR>/setup
3. Type **set_env** and press Enter.
4. Go to <KERNEL_INSTALL_DIR>/ SSIAD_EJB /client/OC4J
5. Type **runEJBClient STOP** and press enter

✓ For Unix

1. Go to <KERNEL_INSTALL_DIR>/setup
2. Type **chmod +x set_env.sh** and press Enter.
3. Type **set_env.sh** and Press Enter.
4. Go to <KERNEL_INSTALL_DIR>/ SSIAD_EJB /client/OC4J
5. Type **chmod +x runEJBClient.sh**
6. Type **runEJBClient.sh STOP** and press Enter

FLEXCUBE UBS Inbound Application Adapter Installation Document
[May] [2020]
Version 12.87.06.0.0

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