Oracle Identity Manager Integration Implementation Guide Oracle FLEXCUBE Investor Servicing

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1. Introduction

For the purpose of centralized user provisioning FLEXCUBE is qualified with Oracle Identity Manager - Oracle® Fusion Middleware 11g Release 2 (11.1.2.3.0).

Scope

This document provides an understanding as to how centralized provisioning through OIM can be enabled for FCIS.

In addition to providing a background to the various components of the deployment, this document provides detailed steps as to how to install the various FCIS components required for the integration with OIM configuration in FCIS and Oracle Identity Manager to enable centralized provisioning.

Introduction to Oracle Identity Manager

Oracle Identity Manager is an identity management product that automates user provisioning, identity administration, and password management, integrated in a comprehensive workflow engine. It enables organizations to reduce Information Technology (IT) administration costs and improve security. Oracle identity manager achieves this by providing a centralized control mechanism to manage the entire life cycle of user identities and entitlements and to control user access to across all resources in the organization.

Advantage

Integrating FCIS with Oracle identity Manager provides capability for managing the entire life cycle of FCIS user identities through a centralized point provided by OIM in both scenario- FCIS without single sign on and FCIS with single sign on.



2. Requirements/ Problem Statement

The requirement is to integrate FCIS with Oracle Identity Manager for FCIS user provisioning and deprovisioning services with and without FCIS single sign on.



3. Prerequisites

3.1 Software Required

Oracle® Fusion Middleware 11g Release 2 (11.1.2.3.0)

Refer Oracle Identity Manager Document for Installation and configuration of Oracle Identity Manager.

🔁 🛛 Oracle Identity a	nd Access Management	Configuration - Step 5 of 8 🚬 🗙
OIM Server	4	FUSION MIDDLEWARE 118
Welcome	O <u>I</u> M Administrator Password:	••••••
A Database	<u>C</u> onfirm Password:	•••••
WebLogic Admin Server OIM Server	OIM HTTP URL:	http://ofss220607.in.oracle.com:14000
Configuration Summary	OIM External <u>F</u> rontEnd URL:	
Configuration Progress	KeyStore <u>P</u> assword:	••••••
	Confirm KeyStore Password:	•••••
	Enable OIM for Suite integration	ion
	long. Must begin with an alphaber numeric value. Any of these spec tilde(~), at(@), hyphen(-), plus(+)	alid passwords should be 6 to 30 characters tic character and should include atleast one ial characters underscore (_), dollar (\$), , colon(:), forward slash(/), curly braces({}), tion mark(?), dot(.), asterisk(*) or pound (#)
Help		< <u>Back</u> <u>N</u> ext > <u>Finish</u> Cancel

Note *: To get the Keystore Password in the above screen while configuring OIM Console, you should have only Weblogic Admin Server, OIM Server and SOA Server in this OIM Domain. Based on that the below keystore will be created with store password

<Domain_home>/config/fmwconfig/default-keystore.

- Oracle Internet Directory Connector 11.1.1.6.0
- Refer the below sections:
 - Installation of Oracle Internet Directory Connector (Section 2.2.1.1, 2.2.1.2 & 2.3.1.1)

> Connector by default will be available with Oracle Identity and Access Management

Suite.



The path will be as follows:

<Oracle_Middleware>/<OIM_HOME>/connectors/oid

For example:

Linux: /app/oracle/Middleware/Oracle_IDM1/connectors/oid

Windows: C:\apps\oracle\Middleware\Oracle_IDM1\connectors\oid

The above directory <oid> has to be copied into

<Oracle_Middleware>/<OIM_HOME>/server/ConnectorDefaultDirectory

> <u>Configuring Oracle Identity Manager Design Console</u>

3.2 Oracle FLEXCUBE Component Required

Oracle FLEXCUBE Gateway EJB



4. System Description

4.1 About Oracle Identity Manager

Oracle Identity Manager is an identity management product that automates user provisioning, identity administration, and password management, integrated in a comprehensive workflow engine. Key features of Oracle Identity Manager include password management, workflow and policy management, identity reconciliation, reporting and auditing, and extensibility through adapters.

4.1.1 Oracle Identity Manager System Components

Oracle Identity Manager is built on an enterprise-class, modular architecture that is both open and scalable. Each module plays a critical role in the overall functionality of the system:

Identity Administration

Identity administration includes creation and management of identities in Oracle Identity Manager. Identities include users, organizations, and roles. Identity administration also enables password management and user Oracle Identity Manager Self Service operations. Identity administration is performed by using Oracle Identity Manager Administration and Oracle Identity Manager Self Service Web clients, and the SPML Web service.

Provisioning

The provisioning transactions are assembled and modified in the provisioning module. This module maintains the "who" and "what" of provisioning. User profiles, access policies, and resources are defined in the provisioning module, as are business process workflows and business rules.

The Provisioning Server is the run-time engine for Oracle Identity Manager. It runs the provisioning process transactions as defined through Oracle Identity Manager Administration and Oracle Identity Manager Design Console and maintained within the provisioning module.

Audit and Reports

The audit and compliance functions include evaluating a person, organization, system, process, project, or product. This occurs by capturing data generated by the suite's workflow, policy, and reconciliation engines. By combining this data with identity data, an enterprise has all the information it requires to address any identity and to access a related audit inquiry. Audits are performed to ascertain the validity and reliability of information, and also provide an assessment of a system's internal control.

Reporting is the process of generating a formal document, which is created as a result of an audit. The report is subsequently provided to a user, such as an individual, a group of persons, a company, a government, or even the general public, as an assurance service so that the user can make decisions, based on the results of the audit. An enterprise can create reports on both the history and the current state of its provisioning environment. Some captured identity data includes user identity profile history, role membership history, user resource access, and fine-grained entitlement history.



Reconciliation and Bulk Load

The reconciliation engine ensures consistency between the provisioning environment of Oracle Identity Manager and Oracle Identity Manager managed resources within the organization. The reconciliation engine discovers illegal accounts created outside Oracle Identity Manager. The reconciliation engine also synchronizes business roles located inside and outside the provisioning system to ensure consistency.

If you want to load a large amount of data from other repositories in your organization into Oracle Identity Manager, then you can use the Bulk Load utility. The Bulk Load utility reduces the downtime in loading the data. In addition, Bulk Load utility import Oracle Identity Manager users, roles, role memberships, and accounts provisioned to users.

Common Services

Various services are grouped together that are shared and used by other Oracle Identity Manager components. These services are:

Form Designer

A form that allows you to create process and resource object forms that do not come packaged with Oracle Identity Manager.

Scheduler

A service that provides the capability to run specific jobs at specific schedules. This service can be used by users, application developers, connector developer, and administrators to create and configure a Job to be run at specified intervals. In addition, this service provides administrative capabilities to manage the functionality of jobs and their schedules.

Notification Templates

A common notification service is used by other functional components to send notifications to interested parties about events occurring in Oracle Identity Manager. In addition, this service provides the administrative capabilities for notification template management. A notification template is used for sending the outgoing notifications. These templates typically contain the variables that refer to the available data to provide more contextual content.

System Properties

A system property is an entity that controls the configuration aspect of an application. In addition, to the default system properties, you can create and manage system properties in Oracle Identity Manager.

Deployment Manager

The Deployment Manager is a tool for exporting and importing Oracle Identity Manager configurations. The Deployment Manager enables you to export the objects that make up your Oracle Identity Manager configuration.



Workflow and Request Management

Various operations in Oracle Identity Manager cannot be performed directly. Instead, the operations must be requested. The request management service provides a mechanism to create, approve, and manage requests. A request is an entity created by the users or administrators who want to perform a specific action, which requires a discretionary permission to be obtained from someone or some process before the action can be performed. For example, a user can create a request to gain access to a laptop computer, a manager can approve the request and create an open requisition, and an IT resource administrator can approve the request.

The primary goal of a provisioning solution is to manage requests and provision resources. Request service provides an abstraction layer on the Business Process Execution Language (BPEL) 11g workflow engine. Functional components such as request, provisioning, and attestation interacts with the workflow engine for human approvals. Request service caters to the various functional components in Oracle Identity Manager by managing workflow instances and categories, and provides an abstraction layer on BPEL.

Infrastructure and Middleware Integration

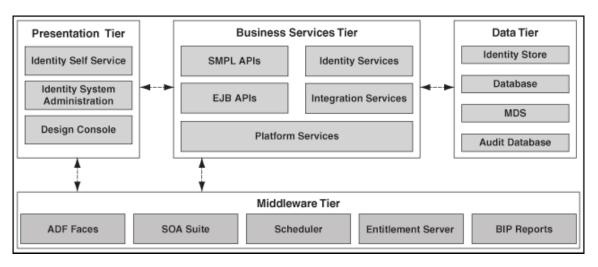
The Adapter Factory, Kernel Orchestration mechanism, Context Manager, and Plug-in Framework are designed to eliminate the need for hard-coding integrations with these systems.

Connector Framework

The integration solution strategy of Oracle Identity Manager provides connectors to various heterogeneous identity-aware IT systems. This strategy is designed to minimize custom development, maximize the reuse of code, and reduce deployment time. The tiers of the integration solution are:

- Out-of-the box integration using predefined connectors and predefined generic technology connector providers
 - Identity connectors that are designed to separate the implementation of an application from the dependencies of the system that the application is attempting to connect to
 - Connectors based on custom generic technology connector providers
 - Custom connectors using the Adapter Factory

Following figure illustrates the system components of Oracle Identity Manager.





4.2 Integration / Design Architecture

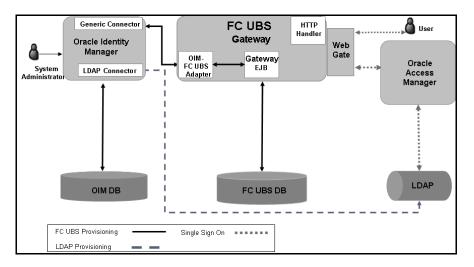
With the integration of FCIS and Oracle Identity Manager, a user can be created, modified, closed, and reopened in FCIS. Oracle Identity Manager acts as the front-end entry point for managing mandatory fields of FCIS user. After users are provisioned, the users can access the FCIS without any interaction with Oracle Identity Manager. This integration also ensures that any change that has been made for corresponding user in FCIS should be reflected in OIM using reconciliation feature of OIM.

Design

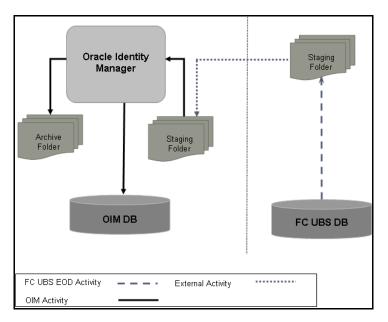
For the purpose of integration of Oracle Identity manager and FCIS "Generic technology connector" (GTC) has been used. GTC provides out of box providers for provisioning and reconciliation.

Following two figures illustrate the design aspect of the provisioning and reconciliation process:

4.2.1 Provisioning Design Architecture



4.2.2 Reconciliation Design Architecture





4.2.3 Design Constraints

The followings are the design constraints for this integration:

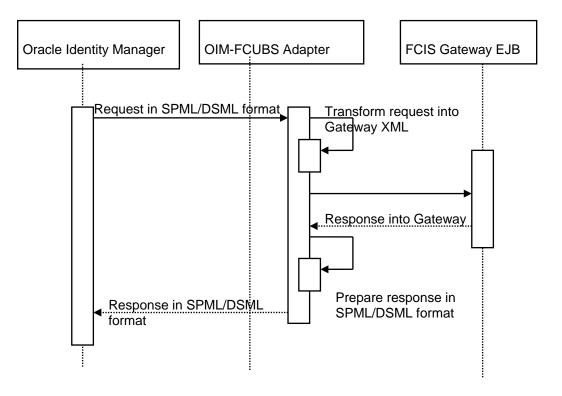
- This integration is based upon sample configuration containing only mandatory fields of FCIS user while defining the GTC. Other fields can be defined in the GTC using the same configurations.
- Due to specific data requirement for FCIS user creation, only manual provisioning method can be used for FCIS provisioning.
- User role is not taken up in this integration and the FCIS user will not be associated with any role at the time of user creation.
- A common FCIS maker id will be used for user creation that is maintained as property in a property file.
- OIM does not allow ASCII special characters e.g. ampersand, colon, braces etc. Apart from this, OIM also does not allow multiple consecutive occurrences of some of special ASCII character like underscore etc.

4.2.4 Message Flow

OIM-FCIS adapter would transform the request from the OIM SPML/DSML to FCIS Gateway request using Extensible Style sheet Language Transformation (XSLT). Transformed XML request will be sent to the FCIS Gateway EJB for further processing based on the type of the request. Based on the FCIS Gateway EJB response OIM-FCIS adapter will prepare the response in SPML/DSML format and will send to the OIM.

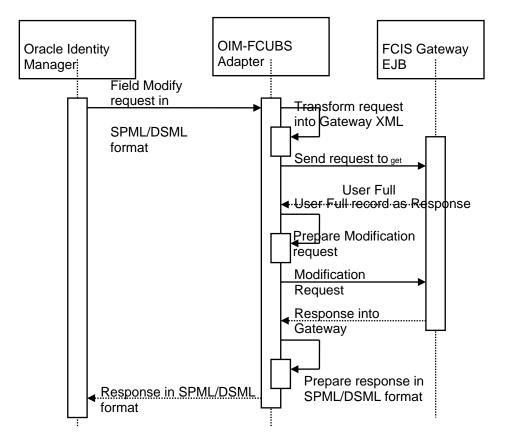
Following gives the sequence of the message exchanges between the adapter and FCIS Gateway EJB for user provisioning that are initiated from OIM.

4.2.4.1 Message exchange sequence for User Creation



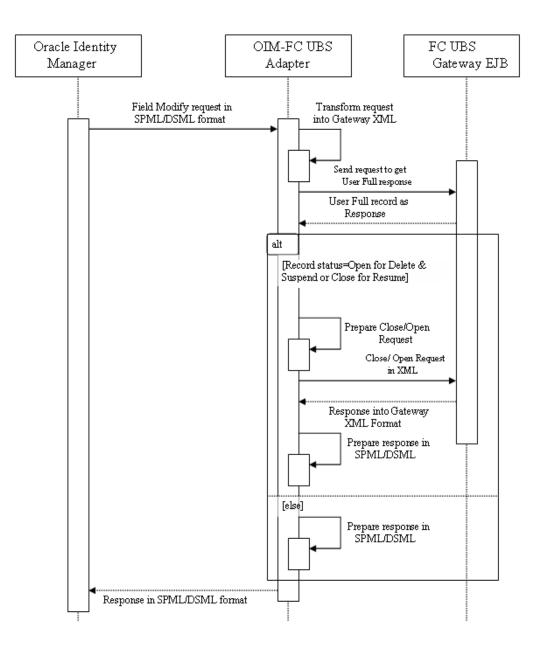


4.2.4.2 Message exchange sequence for User Field Modification/Set Password





4.2.4.3 Message exchange sequence for User Delete/Suspend/Resume Request





5. Installation / Configuration

5.1 Environment Setup/ Configurations

Oracle FLEXCUBE - OIM Integration environment setup requires

- OIM FLEXCUBE Adapter setup and configuration
- OIM setup

Note: This implementation document describes the installation and setup of OIM FLEXCUBE Adapter on Oracle Fusion Middleware 11g Release 2 (11.1.2.3.0).

5.1.1 Enabling SSL for Weblogic and OIM Server

5.1.1.1 Self-Signed Certificate Creation

To enable SSL mode, Weblogic requires a keystore which contains private and trusted certificates. We have to use the same version of JDK (which is used by Weblogic Domain), to create the keystore and certificates, otherwise it may lead to many difficulties (suggested by Oracle Support).

Keytool utility available in Java JDK will be used to create Keystore. In command prompt set PATH to the JDK\bin location. Follow the below steps to create keystore and self-signed certificates:Keystore Creation

5.1.1.1.1 Key Store Creation

keytool -genkey -keystore <keystore_name.jks> -alias <alias_name> -dname "CN=<hostname>, OU=<Organization Unit>, O=<Organization>, L=<Location>, ST=<State>, C=<Country_Code>" -keyalg <Key Algorithm> -sigalg <Signature Algorithm> -keysize <key size> -validity <Number of Days> keypass <Private key Password> -storepass <Store Password>

For example:

keytool -genkey -keystore AdminFlexcubeKeyStore.jks -alias FlexcubeCert -dname "CN=ofss00001.in.oracle.com, OU=OFSS, O=OFSS, L=Chennai, ST=TN, C=IN" -keyalg "RSA" -sigalg "SHA256withRSA" -keysize 2048 -validity 3650 -keypass Password@123 -storepass Password@123

Note: CN=ofss00001.in.oracle.com is the Host Name of the weblogic server

5.1.1.1.2 Export Private key as Certificate

keytool -export -v -alias <alias_name> -file <export_certificate_file_name_with_location.cer> -keystore <keystore_name.jks> > -keypass <Private key Password> -storepass <Store Password>

For example:

keytool -export -v -alias FlexcubeCert -file AdminFlexcubeCert.cer -keystore AdminFlexcubeKeyStore.jks -keypass Password@123 -storepass Password@123



5.1.1.1.3 Import as Trusted Certificate

keytool -import -v -trustcacerts -alias rootcacert -file <export_certificate_file_name_with_location.cer> - keystore <keystore_name.jks> > -keypass <Private key Password> -storepass <Store Password>

For example:

keytool -import -v -trustcacerts -alias rootcacert -file AdminFlexcubeCert.cer -keystore AdminFlexcubeKeyStore.jks -keypass Password@123 -storepass Password@123

References: Oracle Support Articles (Article ID 1281035.1, Article ID 1218695.1), in case of Certificates issued by the Trusted Authorities

5.1.1.2 Configuring Weblogic Console

After domain creation, follow the below steps to enable SSL in Weblogic Admin server, OIM Server and SOA Server.

5.1.1.2.1 Select Admin Server to enable SSL options

ORACLE WebLogic Server®	Administration Console						Q
Change Center	🔒 Home Log Out Preferences 🔤 Record	i Help			Wel	come, weblogic Connected to:	oim_domain
View changes and restarts	Home >Summary of Servers						
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Summary of Servers Configuration Control						
Domain Structure oim_domain * Servers Clusters Virtual Hosts Virgrable Targets E	A server is an instance of WebLogic Server This page summarizes each server that has 2			vn configuration.			
Coherence Gervers Coherence Clusters Machines Work Managers Startup and Shutdown Classes Deployments	Customize this table					Showing 1 to 3 of 3 Previou	ıs Next
Services Security Realms T	🔲 Name 🐟	Cluster	Machine	State	Health	Listen Port	
How do I	AdminServer(admin) oim server1			RUNNING	✓ ок	24000	_
Create Managed Servers	soa_server1			RUNNING	<pre>✓ OK</pre>	8001	
Clone Servers Delete Managed Servers	New Clone Delete					Showing 1 to 3 of 3 Previou	is Next
Delete the Administration Server							
Start and stop servers							
System Status							
Health of Running Servers							
Falled (0) Critical (0) Overloaded (0) Warning (0) OK (3)							



5.1.1.2.2 Follow the steps in General Tab as shown below:

- 1. Select SSL Listen Port Enabled, Client Cert Proxy Enabled, Weblogic Plug-In Enabled.
- 2. Click on Save.

Domain Structure	General Cluster Services Keystore	s SSL Federation Services Deployment Migration	Tuning Overload Health Monitoring Server Start Web Services
iam_domain ▲ D-Environment -Clusters Visters Virtual Hosts Vigratable Targets Coherence Servers	Save Use this page to configure general features View JNDI Tree &	of this server such as default network communications.	
Coherence ClustersMachinesWork ManagersStartup and Shutdown Classes	Name: Machine:	AdminServer (None)	An alphanumeric name for this server instance. More Info The WebLogic Server host computer (machine) on which this server is meant
DeploymentsServicesSecurity Realms	Cluster	(Standalone)	to run. More Info The cluster, or group of WebLogic Server instances, to which this server
How do I		(,	belongs. More Info
Configure default network connections Create and configure machines	街 Listen Address:		The IP address or DNS name this server uses to listen for incoming connections. More Info
Configure dusters Start and stop servers Configure WLDF diagnostic volume	☑ Listen Port Enabled		Specifies whether this server can be reached through the default plain-text (non-SSL) listen port. More Info
System Status	Listen Port:	7001	The default TCP port that this server uses to listen for regular (non-SSL) incoming connections. More Info
Health of Running Servers Failed (0)	SSL Listen Port Enabled		Indicates whether the server can be reached through the default SSL listen port. More Info
Critical (0) Overloaded (0) Warning (0)	SSL Listen Port:	7002	The TCP/IP port at which this server listens for SSL connection requests. More Info
OK (3)	Client Cert Proxy Enabled		Specifies whether the Http:/lusterServlet.proxies the client certificate in a special header. More Info
	Java Compiler:	javac	The Java compiler to use for all applications hosted on this server that need to compile Java code. More Info
	Diagnostic Volume:	Low	Specifies the volume of diagnostic data that is automatically produced by WebLogic Service at run time. Note that the WLDF diagnostic volume setting does not affect explicitly configured diagnostic models. For example, this controls the volume of events generated for Rodat Flight Recorder. More Info
	- 🗢 Advanced		
	Virtual Machine Name:	iam_domain_AdminSe	When WLS is running on JRVE, this specifies the name of the virtual machine running this server More Info
	🗹 🏀 WebLogic Plug-In Enabled		Specifies whether this server uses the proprietary WL-Proxy-Client-IP header, which is recommended if the server instance will receive requests from a proxy plug-in. More Info

5.1.1.2.3 Follow the steps in Keystores Tab as shown below:

- 1. Click Change and select Keystores as **Custom Identity and Custom Trust**
- 2. Click on Save
- 3. Note: Keystores as Custom Identity and Custom Trust is as suggested by Oracle Support Team

ORACLE WebLogic Server	Administration Console
Change Center	🍘 Hume Log Out Preferences 🖾 Record Help 📃 🧠
View changes and restarts	None claiman of Series 1-Adedeever
Configuration editing is enabled. Puture changes will automatically be activated as you modify, add or delete items in this domain.	Settlags for AdminiServer Configuration Protocols Logging Debug Monitoring Control Depleyments Services Seturity Notes
Domain Structure	General Ouster Services Exystences 551. Pederation Services Deployment Nigration Turing Overload Health Monitoring Server Start Web Services
em, down Dr. Druk ownerk - Sarvers - What Herbs - Migatable Tergets - Oberence Outers - Oberence Outers - Sarvers - Starkp and Shutbern Dasas - Starkp and Shutbern Dasas - Sarvers - Sarve	Serie Cancel Advantage the secure storage and management of private lays and trusted on tiffcate authorities (2Aq). This page lets you view and define various laystane canfigurations. These settings help you take and the security of message transmissions. Keystonese: Demo lidentity and Demo Trust Which configuration rules should be used for finding the server's identity and trust instruments. Serie Cancel Which configuration rules should be used for finding the server's identity and trust instruments. Serie Cancel Which configuration rules should be used for finding the server's identity and trust instruments. Serie Cancel Which configuration rules should be used for finding the server's identity and trust instruments. Serie Cancel Demo lidentity and Jurna's Standard most
Now do L.	
Configure identity and trust Configure largebras Set up 53.	
System Status	
Health of Running Servers	
Faled (0) Ontoxi (0) Overleaded (0) University (0) Ox (0)	



5.1.1.2.4 Follow the steps in Keystores Tab as shown below:

- 4. Enter Custom Identity Keystore and Custom Trust Keystore as same as the Keystore Name created in step <u>5.1.1.1.1</u> with full path.
- 5. Enter Custom Identity Keystore Type and Custom Trust Keystore Type as jks.
- Enter Custom Identity Keystore Passphrase, Confirm Custom Identity Keystore Passphrase, Custom Trust Keystore Passphrase and Confirm Custom Trust Keystore Passphrase as same as the Store Password entered in step <u>5.1.1.1.1</u>.
- 7. Click on Save.

ORACLE WebLogic Server®	Administration Console							Q
Change Center	A Home Log Out Preferences	Record Help	Q				Welcome, we	blogic Connected to: iam_domain
View changes and restarts	Home >Summary of Servers >Adr	ninServer						
Configuration editing is enabled. Future	Settings for AdminServer							
changes will automatically be activated as you modify, add or delete items in this domain.	Configuration Protocols L	ogging Debug Monitorin	g Control Deployments	Services Se	curity Notes			
Domain Structure	General Cluster Services	Keystores SSL Feder	ration Services Deployment	Migration T	Tuning Overload	Health Monitoring	Server Start	Web Services
iam_domain	Save Keystores ensure the secure st you to manage the security of r Keystores: Identity Custom Identity Keystore:		vate keys and trusted certificat Custom Identity and Custo nFlexcubeKeyStore j	m Trust Change	e Which trust k	configuration rules sh eystores? More Info	ould be used for t	nfigurations. These settings help inding the server's identity and minFlexcubeKeyStore.jks
How do I	Custom Identity Keystore T	ype:	jks		The ty	pe of the keystore. G	enerally, this is JK	S. More Info
Configure identity and trust Configure keystores Set up SSL	Custom Identity Keystore P	assphrase:	•••••	••		crypted custom identi ystore will be opened		sphrase. If empty or null, then rase. More Info
System Status	Confirm Custom Identity Ke	ystore Passphrase:	•••••	••				
Health of Running Servers Failed (0)	- Trust Custom Trust Keystore:		nFlexcubeKeyStore.j			15/oam1115/Base		minFlexcubeKeyStore.jks
Critical (0) Overloaded (0)	Custom Trust Keystore Type	e:	jks		The ty	pe of the keystore. G	enerally, this is Jk	S. More Info
Warning (0) OK (3)	Custom Trust Keystore Pass	sphrase:	•••••	••		stom trust keystore's opened without a pas		npty or null, then the keystore info
	Confirm Custom Trust Keyst Save	core Passphrase:	•••••	••				



5.1.1.2.5 Follow the steps in SSL Tab as shown below:

- 1. Enter Private Key Alias as same as the alias name entered in step <u>5.1.1.1.1</u>.
- 2. Enter Private Key Passphrase and Confirm Private Key Passphrase as same as the Private Key Password entered in step <u>5.1.1.1.1</u>.
- 3. Change the Hostname Verification to None.
- 4. Use JSSE SSL option should be remain unchecked
- 5. Click on Save.

	A									
Change Center	🏦 Home Log Out Preferences 🔤 Recor	d Help	Q				1	Velcome, webl	ogic Connected to: ia	.m_domain
View changes and restarts	Home >Summary of Servers >AdminServer									
Configuration editing is enabled. Future changes will automatically be activated as you	Settings for AdminServer									
modify, add or delete items in this domain.	Configuration Protocols Logging	Debug Monitoring Control	Deployments	Services	Security	Notes				
Domain Structure	General Cluster Services Keystore	s SSL Federation Services	Deployment	Migration	Tuning	Overload	Health Monitoring	Server Start	Web Services	
iam_domain	Save									
Environment Servers										
Clusters	This page lets you view and define various	s Secure Sockets Layer (SSL) set	tings for this sen	ver instance.	These setti	ngs help yo	u to manage the sec	urity of message	transmissions.	
Virtual Hosts										
Coherence Servers	Identity and Trust Locations:	Keystores Change							lentity (certificate and	private
Coherence Clusters						key) as	well as the server's tr	ust (trusted CAs)	. More Info	
Work Managers	- Identity									
Startup and Shutdown Classes	Private Key Location:	from Custom Identity Keyste	ore			The key Info	store attribute that d	fines the locatio	n of the private key file	s. More
Deployments						100				
Security Realms	Private Key Alias:	FlexcubeCert					store attribute that de er's private key. Mo		alias used to store and	retrieve
How do I						the serv	ers private key. Mo	re 100		
Configure identity and trust	街 Private Key Passphrase:						store attribute that de private key. More In		rase used to retrieve t	he
Set up SSL						servers	private key. More in			
Verify host name verification is enabled	街 Confirm Private Key Passphrase:									
Configure a custom host name verifier										
Configure two-way SSL	Certificate Location:	from Custom Identity Keyste	ore				store attribute that de te. More Info	fines the locatio	n of the trusted	
System Status	- Trust									
-	Trusted Certificate Authorities:	from Custom Trust Keystore				The Lee	store attribute that de			
Health of Running Servers	Trusted Certificate Authorities:	from Custom Trust Reystore					ies. More Info	ennes trie locatio	n or the certificate	
Failed (0) Critical (0)	— 🗢 Advanced —									
Overloaded (0)	Hostname Verification:	None	•			Specifie	s whether to ignore th	e installed imple	mentation of the	
Warning (0)	ag nostiume vermention	Custom Hostname Ve				weblogi		meVerifier interfa	ce (when this server is	acting
OK (2)		BEA Hostname Verifie	er			ds d Clie	nt to another applica	ion server). Mo	re Info	
	街 Custom Hostname Verifier:	None					ne of the class that in			
						weblogi	c.security.SSL.Hostna	nevenner interra	ice. More Info	
	Export Key Lifespan:	500							er can use an exportab	
						key. Th	e more secure you wa	nt WebLogic Ser	client before generatin ver to be, the fewer tin	
						key sho	uld be used before ge	nerating a new	ey. More Info	
1	Use Server Certs					Sets wh	ether the client shoul	d use the server	certificates/key as the	client



5.1.1.2.6 Select OIM Server and SOA Server to enable SSL options and Repeat the steps performed in 5.1.1.2.2 to 5.1.1.2.5

hange Center	Home Log C	ut Preferences 🔤 Record Help	Q			Wel	come, weblogic Connected to: oim_dom
view changes and restarts	Home >Summa	ry of Servers					
Configuration editing is enabled. Future	Summary of Se	rvers					
hanges will automatically be activated as you nodify, add or delete items in this domain.	Configuration	Control					
oomain Structure Im. domain → Servers → Custers → Vitual Hosts → Myratable Targets → Cohvernes Servers		instance of WebLogic Server that ru marizes each server that has been o			iguration.		
Coherence Clusters							
Machines Work Managers Startup and Shutdown Classes		ered - More Columns Exist)					Showing 1 to 3 of 3 Previous Next
Deployments B-Services	Name -	~	Cluster	Machine	State	Health	Listen Port
Security Realms	AdminSe	erver(admin)			RUNNING	≪ ок	7001
low do I	oim_ser	ver1			RUNNING	🖋 ОК	24000
Create Managed Servers	soa_ser	ver1			RUNNING	🖋 ОК	8001
Clone Servers Delete Managed Servers	New Cle	Delete					Showing 1 to 3 of 3 Previous Next
• Delete the Administration Server							
 Start and stop servers 							
System Status	8						
lealth of Running Servers							
Failed (0) Critical (0)							
Overloaded (0)							

5.1.1.2.7 Now the admin_server, oim_server and soa_server are SSL enabled. Restart all three servers.

5.1.2 Enabling SSL on GTC Connector Server

To have SSL enabled Provisioning Web Service in 5.1.5.23. We have to have a two way handshake between GTC Connector Server and the Application Server, where FCUBSProvisioningAdService web service deployed.

5.1.2.1 Export the KeyStore Certificate in 5.1.1.1.1

keytool -export -alias <aliasname> -file <exportfilename> -keystore <keystorename> -storetype jks storepass <keystorepassword> -provider sun.security.provider.Sun

For Example:

keytool -export -alias FlexcubeCert -file webfile.cer -keystore FlexcubeKeyStore.jks -storetype jks - storepass Password@123 -provider sun.security.provider.Sun

5.1.2.2 Import the Certificate to Xellarate Key Store

keytool -import -trustcacerts -alias <aliasname> -noprompt -keystore <Domain_home>/config/fmwconfig/default-keystore.jks -file <importfilename> -storepass <keystorepassword>

For Example:

keytool -import -trustcacerts -alias FlexcubeCert -noprompt -keystore /app/Middleware/user_projects/domains/oim_domain/config/fmwconfig/default-keystore.jks -file webfile.cer -storepass Password123



Note *: <Domain_home>/config/fmwconfig/default-keystore.jks will be the KeyStore Password while configuring OIM Server. To have this feature, you should have only Weblogic Admin Server, OIM Server and SOA Server in this OIM Domain.

Oracle Identity a	nd Access Management	Configuration - Step 5 of 8 _ ×
OIM Server		
Components to Configure	O <u>I</u> M Administrator Password:	••••••
A Database	<u>C</u> onfirm Password:	•••••
WebLogic Admin Server OIM Server	OIM HTTP <u>U</u> RL:	http://ofss220607.in.oracle.com:14000
Configuration Summary	OIM External <u>F</u> rontEnd URL:	
Configuration Progress	KeyStore <u>P</u> assword:	•••••
	Confirm KeyStore Password:	•••••
	Enable OIM for Suite integrat	ion
Image: A state of the state	long. Must begin with an alphabe numeric value. Any of these spec tilde(~), at(@), hyphen(-), plus(+)	(alid passwords should be 6 to 30 characters tic character and should include atleast one ial characters underscore (_), dollar (\$), , colon(:), forward slash(/), curly braces({}), tion mark(?), dot(.), asterisk(*) or pound (#)
Help		< <u>Back</u> Next > Einish Cancel

5.1.2.3 Export Xellarate KeyStore Certificate

keytool -export -alias xell -noprompt -keystore <Domain_home>/config/fmwconfig/default-keystore.jks -file <xellexportfilename> -storetype jks -provider sun.security.provider.Sun

For Example:

keytool -export -alias xell -noprompt -keystore /app/Middleware/user_projects/domains/oim_domain/config/fmwconfig/default-keystore.jks -file xellcertificate.cer -storetype jks -provider sun.security.provider.Sun

5.1.2.4 Import the Xellarate Certificate to KeyStore Created in 5.1.1.1.1

keytool -import -alias <aliasname> -trustcacerts -file <xellimportfilename> -keystore <keystorename> storetype jks -storepass <keystorepassword> -provider sun.security.provider.Sun

For Example:

keytool -import -alias xellcertificate -trustcacerts -file xellcertificate.cer -keystore FlexcubeKeyStore.jks - storetype jks -storepass Password@123 -provider sun.security.provider.Sun



5.1.3 Configuring SSL Mode in Oracle Internet Directory

To enable SSL for OID LDAP Server refer and follow the below steps:

5.1.3.1 Login to the Enterprise Manager Console of the domain, in which Oracle Internet Directory is associated

	anager 11g Fusion Middleware Contr	rol			Setup 🗸	Help 👻 Log Out
📑 Farm 👻 🔒 Topology	🔂 oid1 🗿				Logged in as weblo	gic Host padsrini-pc
E 🚟 Farm_base_domain	🖭 Oracle Internet Directory 🛩				Page Refreshed Feb 15, 201	13 4:35:59 PM IST 🗘
Application Deployments MebLogic Domain	Home					
WebLogic Domain Jidentity and Access	Monitoring >		Load		Security	
OAM	Control >		Total LDAP Connections	0	Failed Bind Operations	0
DIM	Logs >	220		2		0
ovd1			Operations Completed		Failed Super User Logins	
🗄 🚞 Metadata Repositories	Port Usage Administration	65	Operations in progress	0	Sucessful Super User Logins	0
🗷 🚞 Web Tier	Security	Audit Policy				
	Directory Services Manager >	Wallets			•	
	General Information				Server Response (ms)	
	40 20					
	0					
	6				+	
	4				Total Operations	
4	2					
	0					
	20					
	15				CPU Utilization (%)	
	10				/Farm_base_domain/asinst	_1/oid1
	5					
	100					
	80 60				Memory Utilization (%)	
	40				/Farm_base_domain/asinst	_1/0/d1
	20					
	16:22 16:23 16 February 15 2013	6:24 16:25 16:26 16	:27 16:28 16:29 16:30	16:31 16:32 16:33 16:	34 16:35 16:36	
	L					Table View

5.1.3.2 Click on Create Self-Signed Wallet

ORACLE Enterprise Ma	inager 11g Fusion Middleware Control Setup - Heb - Log C	Jut
📑 Farm 👻 🔒 Topology		
Farm_base_domain Application Deployments	O oid1 Logged in as weblogic (Host padmin) I Oracle Internet Directory ▼ Page Refmahed Fab 15, 2013 439:64 PM IST	
WebLogic Domain Judentity and Access OAM OAM OAM	Wallets A Wallet is a Keystore that stores X.509 certificates and private keys in industry-standard, PKCS #12 format. To create a wallet, dick Create. To create a wallet with a self-signed certificate, click Create Self-Signed Wallet. To manage the contents of a wallet, select a wallet and dick Manage.	
OIM OVd1	Create % Delete Create Self-Signed Walet Margort A Export 6d Manage	
Metadata Repositories Web Tier	Name Auto-login	
	Fetching Data	



5.1.3.3 Enter the Details as below and Click on OK

	ger 11g Fusion Middleware Control Setup + Help + Log
Farm - 🔒 Topology	
Farm_base_domain Application Deployments	Codd () Logged in as weblogic(Host padam Crade Internet Directory - Page Refreshed Feb 15, 2013 4:04:45 PM IS
Approx door loop of ymen is Pupped cogic Domain Onain Onain Onain Onain Onain Onain Onain	Walets > Create SelF-Signed Walet Create SelF-
18 🤤 Metadata Repositories 19 🥁 Web Tier	
	Vidd Self-Signed Certificate * Common Name hostname.in.orade.com Organizational Unit OFSS Organizational Unit OFSS Organization Orade Oty Chennal State TN Country Inda Key Size 2048 •

5.1.3.4 Click on 60 Manage...

	anager 11g Fusion Middleware Control	Setup → Help → Log Out
👫 Farm 👻 🔒 Topology		
■	☆ oid1 ₀	Logged in as weblogic Host padsrini-pc
Farm_base_domain Application Deployments	Orade Internet Directory	Page Refreshed Feb 15, 2013 4:44:27 PM IST 🔇
WebLogic Domain Jentity and Access OAM OAM OAH	Wallets A Wallet is a Keystore that stores X-509 certificates and private keys in industry-standard, PKCS #12 format. Tr Wallet. To manage the contents of a wallet, select a wallet and click Manage.	'o create a wallet, click Create. To create a wallet with a self-signed certificate, click Create Self-Signed
OIM	🔮 Create 💥 Delete 😭 Create Self-Signed Wallet 👌 Import 😭 Export	6d) Manage
😔 ovd1	Name	Auto-login
Metadata Repositories	oidselfsigned	✓
🗟 🎦 Web Tier		

5.1.3.5 Select the Trusted Certificate and Click on Export

	nager 11g Fusion Middleware Control				Setu	ıp 👻 Help 👻 Log Out
🕂 Farm 👻 🔒 Topology						
Farm_base_domain Application Deployments			blogic Host padsrini-pc			
WebLogic Domain Jidentity and Access OAM OAM OIM OIM OIM Outh Ovd1	Walets > Manage Certificates: Manage Certificates: oidselfsigned To generate a certificate gring request (CSR), click 'Add Certificate Request'. After you create a CSR, send it to you certificate or trusted cert, click Import. You can only import the CA-signed certificate into the same wallet from which the Add Certificate Request Import Export Export Export Export Export Catestance of the same wallet from which the same w		ty and retu	rn the signe	d certificate. To import	: the CA signed
🗉 🫅 Metadata Repositories	Subject Name	Certificate Type	Status	Key Size	Start Date	Expiration Date
🗄 🚞 Web Tier	CN=padsrini-pc,OU=OFSS,O=Oracle,L=Chennai,ST=TN,C=IN	Certificate Request		2048		
_	CN=padsrini-pc, OU=OFSS, O=Orade, L=Chennai, ST=TN, C=IN	Certificate	Valid	2048	February 15, 2013	February 14, 2018
	OU=Class 3 Public Primary Certification Authority, O="VeriSign, Inc.", C=US	Trusted Certificate	Valid	1024	January 29, 1996	August 2, 2028
	CN=GTE CyberTrust Global Root, OU="GTE CyberTrust Solutions, Inc.", O=GTE Corporation, C=US	Trusted Certificate	Valid	1024	August 13, 1998	August 14, 2018
	CN=padsrini-pc, OU=OFSS, O=Orade, L=Chennai, ST=TN, C=IN	Trusted Certificate	Valid	2048	February 15, 2013	February 14, 2018
	OU=Class 2 Public Primary Certification Authority, O="VeriSign, Inc.", C=US	Trusted Certificate	Valid 1024	1024	January 29, 1996	August 2, 2028
	OU=Class 1 Public Primary Certification Authority, O="VeriSign, Inc.", C=US	Trusted Certificate	Valid	1024	January 29, 1996	January 8, 2020



5.1.3.6 Click Export Trusted Certificate and save the certificate file

	anager 11g Fusion Middleware Control		Satu	ip ▼ Help ▼ Log Out
	lanager 11g Fusion Middleware Control		Setu	j v nep v tog out
Farm Application Deployments	<pre> oid1</pre>			blogic Host padsrini-pc , 2013 4:45:58 PM IST ₹2
WebLogic Domain MebLogic Domain Identity and Access OAM	Wallets > Manage Certificates Manage Certificates: oidselfsign To generate a certificate signing request (certificate or trusted cert, dick import, Yo	ed Trusted Certificate	certificate. To import	the CA signed
 iii oid1 ⊙ OIM ⊙ ovd1 iii iii Metadata Repositories 	Add Certificate Request 🛃 Ii	The Trusted Certificate with Subject Name CN-padarin-pc, OU=OFSS, O=Orade, L=Chernal, ST=TN, C=IN is shown below. You can cut and pasts the entire text in the box from BEGIN CERTIFICATE to BNO CERTIFICATE to the intended location; or dick "toport Trusted Certificate" to export the certificate to a file. You may want to do this if another party wants to trust your certificate directly.	Start Date	Expiration Date
🗄 🛅 Web Tier	OU-Class 3 Public Primary Certific DgYTUVQCEF wordbacVubmcPyt0gerbyt07UVQCEF wordparts CH-GTE CyberTrust Global Root; CSR12H1yard5pL2B19 HK410TE altOL LATAHTTHytVvOLTE wh01 ant NAHTTHytVV CH-GTE CyberTrust Global Root; CSR22H1yard5pL2B19 HK410TE altOL LATAHTTHytVvOLTE wh01 ant NAHTTHytVV CH-GTE CyberTrust Global Root; CSR22H1yard5pL2B19 HK410TE altOL LATAHTTHytVvOLTE wh01 ant NAHTTHytVV CH-GTE CyberTrust Global Root; CGR2AF LTRESON LAFTERSON HK410TE AltOL LATAHTTHytVVOLTE wh01 ant NAHTTHytVV CH-GTE CyberTrust Global Root; CGR2AF LTRESON LAFTERSON LAFTERSO	Internet CERTIFICATE BEDIN CERTIFICATE BEDIN CERTIFICATE BEDIN CERTIFICATE BEDIN CERTIFICATE	February 15, 2013 January 29, 1996 August 13, 1998 February 15, 2013 January 29, 1996 January 29, 1996	August 2, 2028 August 14, 2018
	F	Export Trusted Certificate Oose]	

5.1.3.7 Click on Server Properties

	nager 11g Fusion Middleware Co	ntrol				Set	up ় Help ↓ Log Out
🕂 Farm 👻 🔒 Topology							
	🕜 oid1 🗿					Logged in as we	eblogic Host padsrini-pc
E 📲 Farm_base_domain	🗵 Oracle Internet Directory 🛩					Page Refreshed Feb 1	5, 2013 4:45:58 PM IST 🗘
E Application Deployments	Home						
📧 🚞 WebLogic Domain		-l					
Identity and Access	Monitoring	signed					
OAM	Control		equest". After you create a CSR, send it to yo d certificate into the same wallet from which		ty and return th	e signed certificate. To impor	t the CA signed
2E oid1	Logs	> Too can only import the CH sign	a contract into the same water non which	the core may generated.			
OIM		Import	M Delata				
ovd1	Port Usage	Import	A Delete				
E D Metadata Repositories	Administration	> Server Properties	Certificate Type		y Size Start Date	Expiration Date	
📧 🛅 Web Tier	Security	Shared Properties		Certificate Request		048	
	Directory Services Manager	Shared Properties		Certificate		048 February 15, 2013	
	Directory Services Hanager		- , C=US	Trusted Certificate		January 29, 1996	August 2, 2028
		Replication Management	Inc.", O=GTE Corporation, C=US	Trusted Certificate		024 August 13, 1998	August 14, 2018
	General Information	Tuning and Sizing ertification Authority, O="VeriSign,		Trusted Certificate Trusted Certificate		048 February 15, 2013	
		ertification Authority, O="VenSign, : ertification Authority, O="VeriSign, :		Trusted Certificate		J24 January 29, 1996 J24 January 29, 1996	August 2, 2028 January 8, 2020
	CO=Class 1 Public Primary C	eruncation Authority, O= vensign,	nc., c=os	Trusted Certificate	Valiu 1	J24 January 29, 1990	January 6, 2020
-	4						

5.1.3.8 Click on Change SSL Settings

ORACLE Enterprise Ma	anager 11g Fusion Middleware Control	Setup
🕂 Farm 👻 🔒 Topology		
∃ ▼	↑ oid1 ₀	Logged in as weblogic Host padsrini-po
🗉 📲 Farm_base_domain	E Orade Internet Directory -	Page Refreshed Feb 15, 2013 4:54:17 PM IST €2
Application Deployments		
📧 🚞 WebLogic Domain	Server Properties	Apply Revert
Identity and Access	General Performance SASL Statistics Logging	Appy Revere
OAM		
CIM	Server Mode Read / Write	
ovd1	* Maximum number of entries to be returned by a search 10000	
Metadata Repositories	* Maximum time allowed for a search to complete (sec) 3600	
🗄 🧰 Web Tier	Preserve Case of Required Attribute Name specified in Search Request	
_	Anonymous Bind Disallow except for Read Access on the root DSE 💌	
	* Maximum time allowed in a Transaction (sec) 0	
	* Maximum Number of Operations allowed in a Transaction 0	
	Port Numbers	
	Non-SSL Port 3060	
	SSL Port 3131 Change SSL Settings	



5.1.3.9 Select the Wallet, SSL Authentication as Server Authentication, Cipher Suite, SSL Protocal Version as below and Click on OK

	anager 11g Fusion Middleware Cont	rol		Setup → Help → Log Out
📑 Farm 👻 🔒 Topology				
	<pre>分 oid1 ₀</pre>			Logged in as weblogic Host padsrini-pc
Farm_base_domain Application Deployments	Orade Internet Directory			Page Refreshed Feb 15, 2013 4:55:50 PM IST 🔇
WebLogic Domain Identity and Access	i) Information All changes made in this page reg	uire a server restart to take effect.		
OAM	SSL Configuration (2)			OK Cancel
OIM	Enable SSL			
😔 ovd1	Server Wallet Name oidself	igned 💌		
Metadata Repositories	oidself	igned not required for no-auth mode but is needed	in other modes.	
🕀 🛅 Web Tier		gs		
	Server SSL properties			
	SSL Authentication	Server Authentication		
		V All		
		SSL_RSA_WITH_RC4_128_MD5		
	Cipher Suite	SSL_RSA_WITH_RC4_128_SHA		
		SSL_RSA_WITH_3DES_EDE_CBC_SHA		
		TLS_RSA_WITH_AES_128_CBC_SHA +		
	* SSL Protocol Version	All		
	•			
	1			

5.1.3.10 Click on Apply

		ision Middleware Control	ORACLE Enterprise Manager 11g F
			Farm - A Topology
Logged in as weblogic Host padsrini-pc			∃ - û oid1 @
Page Refreshed Feb 15, 2013 4:56:40 PM IST 🗘		ernet Directory 🗸	
×			Application Deployments WebLogic Domain
<u>ڪ</u>	t component for this change to be effective	t ion guration updated for <i> </i> Farm_base_domain/asinst_1/oid1. Resta	Inform
	component for any energy to be effective.	garadon apatica for fram_base_domanyasinse_ford1. Resid	OAM
			T one
Apply Revert		roperties	
		Performance SASL Statistics Logging	Genera
	Read / Write 💌	Server Mode	🗷 🚞 Web Tier
	10000	* Maximum number of entries to be returned by a search	
	3600	 Maximum time allowed for a search to complete (sec) 	
		Case of Required Attribute Name specified in Search Request	Preserve
	Disallow except for Read Access on the root DSE 💌		
	0		
	0		
			Port Nur
	*	5000	
	Change SSL Settings	SSL Port 3131	
Appl	10000 3600 Disallow except for Read Access on the root DSE 0 0 0 0 0 0 0 0 0	Performance SASL Statistics Logging Server Mode * Maximum number of entries to be returned by a search * Naximum time allowed for a search to complete (sec) Case of Required Attribute Name specified in Sarch Request Anonymous Bind * Maximum time allowed in a Transaction (sec) * Maximum Number of Operations allowed in a Transaction bers	I oid1 OIM ⓒ OIM Server I ⓒ ovd1 General III III IIII IIII IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII

5.1.3.11 Import LDAP Server SSL Certificate into OIM Server

Import the Exported Certificate into **wlserver_10.3/server/lib/DemoTrust.jks** of OIM Server Domain using the below command [Store Password is **DemoTrustKeyStorePassPhrase**]

keytool -import -keystore MW_HOME/wlserver_10.3/server/lib/DemoTrust.jks -file /home/testoc4j/OIM/globalv.crt - storepass DemoTrustKeyStorePassPhrase

Restart Both OID & OIM Server.



5.1.4 OIM FLEXCUBE Adapter Setup

Prerequisite: Gateway EJB component

OIM FCIS adapter consists of two web services:

- FCUBSLOVAdService : To fetch list of values from FCIS Database
- FCUBSProvisioningAdService: To handle OIM's request and response for user provisioning and deprovisioning services. This web service requires FCIS Gateway EJB either on same Weblogic Application server or another. If it is on same Weblogic Application server then this web service is deployed as child of Gateway EJB.

OIM FCIS adapter setup is all about deployment of these web services on Oracle Fusion Middleware 11g Release 2 (11.1.2.3.0).

5.1.4.1 Environment Setup

The following steps to be followed to do the initial environment setup for OIM FCIS adapter deployment:

5.1.4.1.1 Copy following folders from the FCIS Software Release area

- <FCIS Release Name>\ADAPTERS\OIM\FCUBSLOVAdService
- <FCIS Release Name>\ADAPTERS\OIM\FCUBSProvisioningAdService
- <FCIS Release Name>\ADAPTERS\OIM\setup

to local machine (say D: VOIM for WINDOWS or /home/kernel/OIM for UNIX).

Note: If Gateway EJB server and OIM server is on same system, then copy entire folder from FCIS software release area to local machine.

In this document SPMLADAPTER_INSTALL_DIR specifies the directory where adapter will be installed.

e.g.

For WINDOWS:

SPMLADAPTER_INSTALL_DIR=D:\

For UNIX:

SPMLADAPTER_INSTALL_DIR=/home/kernel/

OIM_SERVER_INSTALL_DIR specifies the OIM server installation directory (like D:\Oracle\Middleware\weblogic\Oracle_IDM1 in windows or /Oracle/Middleware/weblogic/ Oracle_IDM1 in unix).

5.1.4.1.2 Create a Data source in WebLogic Server Version: 10.3.6.0.

[Refer Appendix 8.1 Data Source Creation]



5.1.4.1.3 Modify configuration files as below:

Edit <**SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\src\webcontent\WEB-INF\web.xml**. This XML file shall have a similar section as the one shown below (Change the values given in bold)

```
<resource-ref>

<res-ref-name>OIMLOVSQA</res-ref-name>

<res-type>javax.sql.DataSource</res-type>

<res-auth>Container</res-auth>

</resource-ref>

<env-entry>

<description>Property File Path</description>

<env-entry-name>propertyPath</env-entry-name>

<env-entry-name>propertyPath</env-entry-name>

<env-entry-type>java.lang.String</env-entry-type>

<env-entry-value>D:/OIM/FCUBSLOVAdService/config/</env-entry-value>
```

</env-entry>

Edit resource-ref section: Mention the JNDI name of the Datasource created in Application server for FLEXCUBE UBS Messaging Database Layer Instance at step 3 as res-ref-name.

Edit Property File Path: Give the absolute path for lookup_prop.xml as env-entry-value. Ideally, this file is residing in < SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\config.

Note: Give "/" for at the end of the path. Also, note that as separator forward slash has been used instead of backward.

Edit <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\config\lookup_prop.xml. This XML file shall have a similar section as the one shown below, (Change the values given in bold)

Edit FCUBS_CON_POOLNAME: Give the same Datasource JNDI name mentioned in above web.xml for FLEXCUBE UBS Messaging Database Layer Instance.

Edit LOGGER_PATH: Give the logging configuration absolute path for lookup_logger.xml. This file is residing in <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\config folder.



Note: As separator use forward slash instead of backward slash.

Edit **<SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\config\lookup_logger.xml**. This XML file shall have a similar section as the one shown below, (Change the values given in bold)

<add key="ADOIM.LOGGER.FPATH" value="D:/OIM/FCUBSLOVAdService/log/"/>

ADOIM.LOGGER.FPATH: Give the absolute path where log files will be stored. It is recommended that mention the following path <SPMLADAPTER_INSTALL_DIR>/OIM/FCUBSLOVAdService/log/

Note: As separator use forward slash instead of backward slash. Give "/" for at the end of the path.

Edit <**SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSProvisioningAdService\src\webcontent\WEB-INF\web.xmI**. This XML file shall have a similar section as the one shown below (Change the values given in bold)

```
<ejb-ref>
    <ejb-ref-name>GWEJB_GW_EJB_Bean</ejb-ref-name>
    <ejb-ref-type>Session</ejb-ref-type>
    <home>com.ofss.fcubs.gw.ejb.GWEJBRemoteHome</home>
    <remote>com.ofss.fcubs.gw.ejb.GWEJBRemote</remote>
    </ejb-ref>
    <env-entry>
        <description>Property File Path</description>
        <env-entry-name>propertyPath</env-entry-name>
        <env-entry-type>java.lang.String</env-entry-type>
        <env-entry-value>D:/OIM/FCUBSProvisioningAdService/config/</env-
entry-value>
```

</env-entry>

Edit ejb-link: To refer Gateway EJB from the web service locally the reference of Gateway EJB has been defined in this deployment descriptor file. Give the Gateway EJB name here as ejb-link, mentioned as ejb-name in ejb-jar.xml deployment descriptor file of Gateway EJB.

Edit Property File Path: Give the absolute path for ADOIM_Prop.xml as env-entry-value. This file is residing in <**SPMLADAPTER_INSTALL_DIR**>**OIM\FCUBSProvisioningAdService\config.**

Note: Give "/" for at the end of the path. Also, note that as separator forward slash has been used instead of backward.



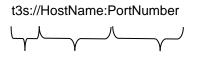
Edit **<SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\config\ADOIM_Prop.xml**. This XML file shall have a similar section as the one shown below, (Change the values given in bold)

Edit GW_EJB_JNDI_NAME: Give the Gateway EJB JNDI name.

Edit GW_EJB_CALL_TYPE: Give the LOCAL or REMOTE (must be in Upper Case) based on the way EJB is to be referred from web service. If FCIS Gateway EJB is deployed on same Weblogic Application server then it should be REMOTE.

Edit GW_EJB_SERVER_URL: Give the application server URL where Gateway EJB is deployed.

Following are the parts that make this URL:



Protocol Host Name Weblogic Port

Protocol: This should be t3s as in WebLogic application server.

Server URL: This should be the IP address or fully qualified computer name (i.e. <computer name>.<domain>) of the system where the application server is running on which Gateway EJB has been deployed.

Port: This should be the same as request port mentioned in domain.xml file.



Edit following section in the <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\config\ADOIM_Prop.xml file: (Change the values given in bold)



Edit MAKER_ID: Give FCIS user id that can serve as maker id for all OIM requests. Please ensure that this id should be a valid user in FCIS and should have rights for creating, authorizing and modifying user.

Edit HEAD_OFFICE: Give the head office branch code.

Edit REQ_SOURCE: Give the external source name. Please ensure that maintenance of this external source has been done in FCIS.

Edit UBS_OR_IS: Give the application name to which the user need to be provisioned. The value will be either FCUBS or FCIS.

Edit LOGGER_PATH: Give the logging configuration absolute path for adoim_logger.xml. This file is residing in <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSProvisioningAdService\config folder.

Edit FCUBS_SPML_ERROR_FILE: Give the absolute path for fcubs_spml_error.properties. This file is residing in < SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSProvisioningAdService\config folder.

Edit ADOIM_MSG_LOGGING_ENABLED: Give 'Y' if OIM request and response message is required to be stored separately otherwise give 'N".

Edit ADOIM_MSG_LOGGING_PATH: Give the absolute path where OIM request–response will get stored.

Note: As separator use forward slash instead of backward slash. Give "/" for at the end of the path.

Edit <SPMLADAPTER_INSTALL_DIR>\OIM\ FCUBSProvisioningAdService\config\adoim_logger.xml. This XML file shall have a similar section as the one shown below, (Change the values given in bold)



<add key="ADOIM.LOGGER.FPATH" value="D:/OIM/FCUBSProvisioningAdService /log/"/>

Edit ADOIM.LOGGER.FPATH: Give the absolute path where log files will be stored. It is recommended that mention the following path <SPMLADAPTER_INSTALL_DIR>/OIM/ FCUBSProvisioningAdService/log/

Note: As separator use forward slash instead of backward slash. Give "/" for at the end of the path.

Remark: GW_EJB_SECURITY_PRINCIPAL & GW_EJB_SECURITY_CREDENTIALS can be update using <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSProvisioningAdService\setup\ChangePassword.bat or ChangePassword.sh

5.1.4.1.4 Building the Deployment Units for WINDOWS

5.1.4.1.4.1 Building FCUBSLOVAdService.ear

- Edit <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\setup\WEBLOGIC\ build.xml to set {server_home} entry to Weblogic Server installed directory
- Eg: D:\Middleware\wlserver_10.3
- Open a DOS command-prompt and change directory to, D:\OIM\FCUBSLOVAdService\
- Set PATH to JDK\bin and ANT\bin in the command prompt
- Set JAVA_HOME
- Change the directory to D:\OIM\FCUBSLOVAdService\setup\WEBLOGIC
- To execute the build file, type "ant" on the command-prompt and press enter.

Above step creates an EAR file in D:\OIM\FCUBSLOVAdService\build with the name FCUBSLOVAdService.ear

5.1.4.1.4.2 Building FCUBSProvisioningAdService.ear

- Edit <SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSProvisioningAdService\setup\WEBLOGIC\build.xml to set {server_home} and {JAVA_HOME} entry to Weblogic Server installed directory and JDK Installed directory.
 - Eg: D:\Middleware\wlserver_10.3

C:\Program Files\java\jdk1.7.0_51

- Change directory to, D:\OIM\FCUBSProvisioningAdService\setup\WEBLOGIC
- To execute the build file, type "ant" on the command-prompt and press enter.

Above step creates an EAR file in build D:\OIM\FCUBSProvisioningAdService folder with the name FCUBSProvisioningAdService.ear



5.1.4.1.5 Building the Deployment Units for UNIX / Linux

5.1.4.1.5.1 Building FCUBSLOVAdService.ear

- Modify {server_home} entry in the build.xml to where Weblogic Server is installed (for example /home/kernel/Middleware/wlserver_10.3)
- Open a UNIX shell prompt and change directory to, /home/OIM/FCUBSLOVAdService
- Set PATH environment variable with JDK/bin path and ANT\bin path in the command prompt.
- Change the directory to <SPMLADAPTER_INSTALL_DIR>/FCUBSLOVAdService/setup/WEBLOGIC
- To execute the build file, type "ant" on the shell prompt and press enter.

Above step creates an EAR file in /home/kernel/OIM/FCUBSLOVAdService/build folder with the name FCUBSLOVAdService.ear

5.1.4.1.5.2 Building FCUBSProvisioningAdService.ear

Edit

<SPMLADAPTER_INSTALL_DIR>/OIM/FCUBSProvisioningAdService/setup/WEBLOGIC/build.xml
to set {server_home} entry to Weblogic Server installed directory

Eg: home/Oracle/Middleware/wlserver_10.3

home/java/jdk1.7.0_51

- Change directory to, /home/kernel/OIM/FCUBSProvisioningAdService/setup/WEBLOGIC
- To execute the build file, type "ant" on the command-prompt and press enter.

Above step creates an EAR file in /home/kernel/OIM/FCUBSProvisioningAdService/build folder with the name FCUBSProvisioningAdService.ear



5.1.4.2 Deployment

Deploy FCUBSLOVAdService

5.1.4.2.1 Login to Administrative Console

5.1.4.2.2 Enter Weblogic administrator username/password and press Login



5.1.4.2.3 Click on Deployments as shown in below screen

	Administration Console		Q
Change Center	🏦 Home Log Out Preferences 🔤 Record Help	Q.	Welcome, weblogic Connected to: oim_domain
View changes and restarts	Home >Summary of Deployments		
Configuration editing is enabled. Future	Home Page		
changes will automatically be activated as you modify, add or delete items in this domain.	- Information and Resources		
Domain Structure	Helpful Tools	General Information	
oim domain	Configure applications	 Common Administration Task Descriptions 	
-Environment	 Configure GridLink for RAC Data Source 	 Read the documentation 	
Deployments	 Recent Task Status 	 Ask a question on My Oracle Support 	
	 Set your console preferences 	 Oracle Guardian Overview 	
⊕-Interoperability	 Orade Enterprise Manager 		
Diagnostics	Domain Configurations		
	Domain	Services	Interoperability
	Domain	Messaging	WTC Servers
		 JMS Servers 	Jolt Connection Pools
	Environment	 Store-and-Forward Agents 	
	Servers	 JMS Modules 	Diagnostics
How do I	Clusters	 Path Services 	Log Files
Search the configuration	Virtual Hosts	 Bridges 	Diagnostic Modules
Use the Change Center	Migratable Targets	Data Sources	Diagnostic Images
Record WLST Scripts	Coherence Servers	Persistent Stores	Request Performance
Change Console preferences	Coherence Clusters	 XML Registries 	Archives
Manage Console extensions	Machines	XML Entity Caches	Context
Manage console extensions Monitor servers	Work Managers	 Foreign JNDI Providers 	SNMP
	Startup And Shutdown Classes	Work Contexts	
System Status		• jCOM	Charts and Graphs
	Your Deployed Resources	Mail Sessions	 Monitoring Dashboard
Health of Running Servers	Deployments	 FileT3 	
Failed (0)		• JTA	
Critical (0)	Your Application's Security Settings		
Overloaded (0)	Security Realms		
Warning (0)			
OK (2)			
WebLogic Server Version: 10.3.6.0			
Copyright © 1996, 2011, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation	rights reserved. and/or its affiliates. Other names may be trademarks of their re	spective owners,	



5.1.4.2.4 Click on the Install as shown below

hange Center	6	Home Log Out Preferences 🖾 Record Help Gonnected to: oim_domain									
/iew changes and restarts		Home >Summary of Deployments									
Configuration editing is enabled. Future thanges will automatically be activated as you	Su	ummary of Deployments									
nodify, add or delete items in this domain.	C	ontrol	Monitoring								
Domain Structure											
im_domain		This pa (reden)	ge displays a list of Java EE applications and stand-alone application modules that i oyed), or deleted from the domain by first selecting the application name and using	have been installe the controls on t	ed to this o this page.	domain. Install	ed applications and modules car	be started, stopped, updated			
Environment Deployments			all a new application or module for deployment to targets in this domain, dick the In								
Services Security Realms		10 1130	and their appreciation module for acprovinent to fargets in and domain, cloc are an	Stall Ductori.							
Security Realms E-Interoperability		Custo	mize this table								
-Diagnostics		Deploy	ments								
		Instal					Showi	ng 1 to 10 of 90 Previous Next			
							1				
			Name 🐵	5	State	Health	Туре	Deployment Order			
			Madf.orade.businesseditor(1.0, 11. 1. 1.2.0)	A	Active		Library	100			
low do I 😑			ntadf.orade.domain(1.0, 11. 1. 1.2.0)	A	Active		Library	100			
Install an Enterprise application Configure an Enterprise application			nadf.orade.domain.webapp(1.0,11.1.1.2.0)	A	Active		Library	100			
Update (redeploy) an Enterprise application				A	Active	🖋 ок	Resource Adapter	324			
Start and stop a deployed Enterprise application			🗄 📑 b2bui	А	Active	🖋 ок	Enterprise Application	313			
Monitor the modules of an Enterprise application			E Composer	A	Active	🖋 ок	Enterprise Application	315			
Deploy EJB modules		_	B DhAdapter			≪ ок	Resource Adapter				
Install a Web application				DbAdapter Acti				322			
iystem Status 🖂			DefaultToDoTaskFlow	A	Active	🖋 ок	Enterprise Application	314			
lealth of Running Servers			ODMS Application (11.1.1.10)	Active	🖋 ок	Web Application	5				
Failed (0)		E Elem Active 🖌					Enterprise Application	400			
Critical (0)		Instal	Update Delete Start V Stop V								
Overloaded (0)		motun	and and and				Show	ng 1 to 10 of 90 Previous Next			

5.1.4.2.5 The following screen is displayed

a. Click on upload your file(s)

ORACLE WebLogic Server® A	Administration Console			Q
Change Center	🙆 Home Log Out Preferences 📐	Record Help	Q	Welcome, weblogic Connected to: oim_domain
View changes and restarts	Home >Summary of Deployments >Su	mmary of JDBC D	Data Sources >Summary of Deployments	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Assistant Back Next Finish Cancel			
Domain Structure	Locate deployment to install a	nd prepare fo	or deployment	
om_domain A B-Environment B-Environment D-Services B-Services B-Services B-Services C-Deta Sources Persistent Stores More Contexts -Work Contexts -WAL Entity Caches -JCOM -Wal Sessions -File T3	Select the file path that represents the application directory or file in the Note: Only valid file paths are disp Path: Recently Used Paths: Current Location: Current Location: Current Servers	the application r e Path field. ayed below. If y /scratch/app/ (none)	root directory, archive file, exploded archive directory, or appl	_
How do I	soa			
Start and stop a deployed Enterprise application Configure an Enterprise application Create a deployment plan Target an Enterprise application to a server Test the modules in an Enterprise application	Back Next Finish Cancel			
System Status				
Health of Running Servers				
Feled (0) Critical (0) Overloaded (0) Warning (0) OK (2)				
WebLogic Server Version: 10.3.6.0 Copyright © 1996, 2011, Oracle and/or its affiliates. All Oracle is a registered trademark of Oracle Corporation		demarks of their 1	respective owners.	



5.1.4.2.6 Choose the enterprise archive file from the build path:

<SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSLOVAdService\build\

a. Click on Next

	Administration Console	Q
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: oim_domain
View changes and restarts	Home >Summary of Deployments >Summary of JDBC Data Sources >Summary of Deploymen	ts
Configuration editing is enabled. Future changes will automatically be activated as you	Install Application Assistant	
modify, add or delete items in this domain.	Back Next Finish Cancel	
Domain Structure	Upload a Deployment to the admin server	
oim_domain	opidad a Depidyment to the adminiserver	
Environment Deployments	Click the Browse button below to select an application or module on the machine from which	you are currently browsing. When you have located the file, click the Next button to upload this
E-Services	deployment to the Administration Server.	
Messaging	Deployment Archive:	
Data Sources	Deployment Archive: dapters\OIM\FCUBSLOVAdService\build\FCUBSLO	DVAdService.ear Browse
Persistent Stores Foreign JNDI Providers	Upload a deployment plan (this step is optional)	
Work Contexts		
XML Registries	A deployment plan is a configuration which can supplement the descriptors included in the d deployment plan archive now. This deployment plan archive will be a directory of configurat	leployment archive. A deployment will work without a deployment plan, but you can also upload a tion information packaged as a .jar file. See related links for additional information about deployment plans.
XML Entity Caches iCOM		
	Deployment Plan Archive:	Browse
File T3		
How do I	Back Next Finish Cancel	
 Start and stop a deployed Enterprise application 		
 Configure an Enterprise application 		
Create a deployment plan		
 Target an Enterprise application to a server 		
Test the modules in an Enterprise application		
Sustan Status		
System Status		
Health of Running Servers		
Failed (0)		
Critical (0)		
Overloaded (0)		
Warning (0)		
ОК (2)		
WebLogic Server Version: 10.3.6.0		
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Oracle is a registered trademark of Oracle Corporation	and/or its affiliates. Other names may be trademarks of their respective owners.	

5.1.4.2.7 Select the enterprises archive file FCUBSLOVAdService.ear

a. Click on Next

	Administration Console		Q
Change Center	🙆 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: oim_domain
View changes and restarts Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.			liddeware/user_projects/domains/oim_domain/servers/AdminServer/upload
Domain Structure am_domain Deployments Services B-Previces B-Previces Data Sources Previsent Stores Previsent Stores Previsent Stores Work Contexts WW. Rejetries WW. Rejetries WW. Reity Caches 	the application directory or file in the Path field. Note: Only valid file paths are displayed below. If yo Path: /scratch/app/s Recently Used Paths: (none)	oot directory, archive file, exploded archive directory ou cannot find your deployment files, upload your file sso1123/wl1036/NMiddleware/user_projects	r, or application module descriptor that you want to install. You can also enter the path of (c) and/or confirm that your application contains the required deployment descriptors. /domains/oim_domain/servers/AdminServer/upload/FCUBSLOVAdService.el leware /user_projects / domains / oim_domain / servers / AdminServer / upload
Configure an Enterprise application Create a deployment plan Target an Enterprise application to a server Test the modules in an Enterprise application System Status			
Health of Running Servers Faled (0) Gritical (0) Overloaded (0) Warning (0) OK (2) Webbagic Server Version: 10.3.6.0 Copyright (2) 19% 2011, Crack and/or its affiliates. Al	l righta reserved. n and/or to affiliate. Other names may be trademarks of their n		



5.1.4.2.8 The following screen is displayed

- a. Select Install this deployment as an application.
- b. Click on Next.

	Administration Console
Change Center	🏦 Home Log Out Preferences 🖂 Record Help
View changes and restarts	Home >Summary of Deployments >Summary of JDBC Data Sources >Summary of Deployments
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Assistant Back Next Frinkh Cancel
Domain Structure	Choose targeting style
oim_domain	Targets are the servers, dusters, and virtual hosts on which this deployment will run. There are several ways you can target an application.
Services Messaging	Install this deployment as an application
Data Sources Persistent Stores	The application and its components will be targeted to the same locations. This is the most common usage.
Foreign JNDI Providers Work Contexts XML Registries	Install this deployment as a library
XML Entity Caches	Application libraries are deployments that are available for other deployments to share. Libraries should be available on all of the targets running their referencing applications.
Mail Sessions	Back Next Finish Cancel
How do I	
 Start and stop a deployed Enterprise application 	
Configure an Enterprise application	
Create a deployment plan Target an Enterprise application to a server	
Test the modules in an Enterprise application	
System Status	
Health of Running Servers	
Failed (0)	
Critical (0)	
Overloaded (0)	
Warning (0)	
OK (2)	
WebLogic Server Version: 10.3.6.0 Copyright © 1996, 2011, Oracle and/or its affiliates. Al Oracle is a registered trademark of Oracle Corporation	l rights reserved. amd/or is affiliates. Other names may be trademarks of their respective owners.

5.1.4.2.9 The following screen is displayed

- a. Select the Application Server Instance in which the FCUBSLOVAdService needs to be deployed.
- b. Click on Next.

	Administration Console	0
Change Center	A Home Log Out Preferences Record Help	Welcome, weblogic Connected to: oim_domain
View changes and restarts	Home >Summary of Deployments >Summary of JDBC Data Sources >Summary of Deployments	
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Assistant Back, Next, Frieht, Cancel	
Domain Structure om_domin Derevroment Depoyments Depoyments Descrices Descr	Select deployment targets Select the servers and/or dusters to which you want to deploy this application. (You can reconfigure deployment targets later). Available targets for FCUBSLOVAdService : Servers AdminServer i on_server1 soa_server1	
Here T3 How do L. Start and stop a deployed Enterprise application Configure an Enterprise application Create a deployment plan	Back Next Frieh Cancel	
Create a depoyment plan Target an Enterprise application to a server Test the modules in an Enterprise application		
System Status		
Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) CK (2) WebLogic Server Version: 10.36.0		
Copyright © 1996, 2011, Oracle and/or its affiliates. All	rights reserved. and/or its affiliates. Other names may be trademarks of their respective owners.	



5.1.4.2.10 The following screen is displayed

b. Click on Finish.

	Administration Console	0		
Change Center	🔒 Home Log Out Preferences 🔤 Record Help	Welcome, weblogic Connected to: oim_domain		
View changes and restarts	Home >Summary of Deployments >Summary of JDBC Data Sources >Summary of Deployments			
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Assistant Back Next Finish Cancel			
Domain Structure	Optional Settings			
oim_domain Environment Deployments	You can modify these settings or accept the defaults General General General			
-Services -Messaging	What do you want to name this deployment?			
Data SourcesPersistent StoresForeign JNDI Providers	Name: FCUBSLOVAdService			
Work Contexts MIL Registries MIL Entity Caches				
	OD Only: Use only roles and policies that are defined in the deployment descriptors.			
How do I	Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment	ent descriptor.		
 Start and stop a deployed Enterprise application 	Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.			
Configure an Enterprise application Create a deployment plan	Advanced: Use a custom model that you have configured on the realm's configuration page.			
Target an Enterprise application to a server	Source accessibility			
Test the modules in an Enterprise application	How should the source files be made accessible?			
System Status	Output to the defaults defined by the deployment's targets			
Health of Running Servers Failed (0)	Recommended selection.			
Critical (0)	Critical (0) Copy this application onto every target for me Overloaded (0) During deployment, the files will be copied automatically to the managed servers to which the application is targeted.			
Warning (0)				
OK (2)	I will make the deployment accessible from the following location			
	Location: /scratch/app/sso1123/wl1036/NMiddleware/user_projects/			

5.1.4.2.11 Deploy FCUBSProvisioningAdService

If the **GW_EJB_CALL_TYPE** is set as **REMOTE** in the **ADOIM_Prop.xml** then follow the same step as above (Section 5.1.4.2.1) to deploy the FCUBSProvisioningAdService web service with following changes

- Select the ear file from the path <SPMLADAPTER_INSTALL_DIR>\OIM\ FCUBSProvisioningAdService\build\FCUBSProvisioningAdService.ear
- Give the application name as FCUBSProvisioningAdService.

If the GW_EJB_CALL_TYPE is set as REMOTE in the ADOIM_Prop.xml, follow the below steps



The following screen is displayed.

1. Make sure that Gateway EJB bean has been deployed there as shown in below screen shot.

Change Center	1	🖬 Hom	e Log Out Preferences 🔤 Record Help			Welcome, we	ologic Connected to	: oim_do
View changes and restarts		Home >	Summary of Deployments >Summary of JDBC Data Sources >Summary of Deployments >GWEJB	>Summary of Depk	yments >GWE	IB >Summary of JDBC Data Sourc	es >Summary of Dep	loyments
Configuration editing is enabled. Future changes will automatically be activated as you	S	ummai	ry of Deployments					
modify, add or delete items in this domain.		Contro	I Monitoring					
Domain Structure								
oim_domain 🔄			age displays a list of Java EE applications and stand-alone application modules that have bee sloved), or deleted from the domain by first selecting the application name and using the con		omain. Installe	d applications and modules can	be started, stopped,	updated
Environment								
Deployments		To inst	tall a new application or module for deployment to targets in this domain, click the Install but	ton.				
-Services -Messaging								
Data Sources		Curte	omize this table					
Persistent Stores		casu	max any and.					
Foreign JNDI Providers		Deplo	yments					
Work Contexts								
XML Registries		Insta	Update Delete Start Stop Y			Showing	11 to 20 of 92 Previ	ous Ne:
XML Entity Caches					1			
jCOM			Name 💫	State	Health	Typ	Deployment Ord	er
Mail Sessions		_				Sort table by Type		
E-File T3			n emai	Active		Library	100	
How do I 🔳			uto emas	Active		Library	100	
Install an Enterprise application Configure an Enterprise application			∎gemcore	Active		Library	100	
Update (redeploy) an Enterprise application			FCUBSLOVAdService	Active	≪ ок	Enterprise Application	100	
Start and stop a deployed Enterprise		<u> </u>		Acure			100	
application Monitor the modules of an Enterprise			👼 File Adapter	Active	🖋 ОК	Resource Adapter	321	
application Deploy EJB modules			FMW Welcome Page Application (11.1.0.0.0)	Active	🖋 ок	Enterprise Application	5	
Install a Web application				Active	🖋 ок	Resource Adapter	325	
System Status			⊡ Cowejb	Active	🖋 ок	Enterprise Application	100	
Health of Running Servers			⊡ Modules					
Failed (0)			GW_EJB_Bean.jar			EJB Module		
Critical (0)			E EJBs					
Overloaded (0)			GWEJB_GW_EJB_Bean			EJB		
Warning (0)		┣━			-			
			Web Services					

Refer 5.1.4.2.1 to know more about the deployment steps.

2. Choose the enterprise archive file Path from the build path:

<SPMLADAPTER_INSTALL_DIR>\OIM\FCUBSProvisioningAdService\build\

3. Select the enterprises archive file FCUBSProvisioningAdService.ear



4. Click on Finish.

	Administration Console
Change Center	🏦 Home Log Out Preferences 🖂 Record Help
View changes and restarts	Home >Summary of Deployments >Summary of JDBC Data Sources >Summary of Deployments >GWE3B >Summary of Deployments >GWE3B >Summary of JDBC Data Sources >Summary of Deployments
Configuration editing is enabled. Future changes will automatically be activated as you modify, add or delete items in this domain.	Install Application Assistant Back Next Finan Cancel
Domain Structure	Optional Settings
oim_domain	Opcome/sectings General - General - General
H-Messaging	What do you want to name this deployment?
Persistent Stores	Name: FCUBSProvisioningAdService
Work Contexts XML Registries XML Entity Caches	Security What security model do you want to use with this application?
jCOM Mail Sessions	DD Only: Use only roles and policies that are defined in the deployment descriptors.
How do I	Custom Roles: Use roles that are defined in the Administration Console; use policies that are defined in the deployment descriptor.
 Start and stop a deployed Enterprise application 	Custom Roles and Policies: Use only roles and policies that are defined in the Administration Console.
Configure an Enterprise application Create a deployment plan	Advanced: Use a custom model that you have configured on the realm's configuration page.
Target an Enterprise application to a server Test the modules in an Enterprise application	- Source accessibility
Test the modules in an Enterprise application	How should the source files be made accessible?
System Status	Use the defaults defined by the deployment's targets
Health of Running Servers Failed (0)	Recommended selection.
Critical (0)	Copy this application onto every target for me
Overloaded (0) Warning (0)	During deployment, the files will be copied automatically to the managed servers to which the application is targeted.
OK (3)	I will make the deployment accessible from the following location
	Location: /scratch/app/sso1123/wl1036/NMiddleware/user_projects

5.1.5 Build GWEJB

- To execute the FCIS Installer for GWEJB build following folder/files should be created/copied at \ADAPTERS\OIM\FCUBSGW along with the compiled sources.
- MAIN (Blank folder)
- FCHome.ini (copy from OSDC sources, file will be present at parallel to ADAPTERS folder)
- •
- After this GWEJB ear can be build with the source location as \ADAPTERS\OIM\FCUBSGW.
- For GWEJB build kindly refer the doc **Gateway_EAR_Building.doc.**

Deploy the created GWEJB ear in OIM server.

5.1.6 OIM Setup

Prerequisite: Oracle Identity Server & Oracle Design Console.

OIM side setup should be done on the system where OIM server is running. This setup includes

Java code deployment of OIM's pre-populate adapter, entity adapter and schedule task & importing integration specific configuration files into OIM.

The following steps to be followed to do the initial environment setup:

5.1.6.1 Copy following folders from the FCIS Software Release area

- <FCIS Release Name>\ADAPTERS\OIM\OIM-Config
- <FCIS RELEASE NAME>\ADAPTERS\OIM\setup

to local machine (say D:\OIM for WINDOWS or /home/kernel/OIM for UNIX).



5.1.6.2 Building the Lookup Search Scheduled Task deployment units for WINDOWS.

- Change directory to, D:\OIM\OIM-Config\Sch-Task\setup
- Modify the OIM_SERVER_INSTALL_DIR entry in the build.xml to where OIM Server is installed (for example D:\Oracle\Middleware\weblogic\Oracle_IDM1) and JAVA_HOME entry.
- In the below section of build.xml change the WSDL location hostname and port.

<exec executable="\${JAVA_HOME}/bin/wsimport">

<arg line="-keep -p com.iflex.fcubs.integration.oim.ws.client http:// <hostname>:<port>/FCUBSLOVAdService/FCUBSLOVAdServiceSEI?WSDL"/>

</exec>

• To execute the build file, type "ant" on the command-prompt and press enter.

Above step creates a JAR file in D:\OIM\OIM-Config\Sch-Task\build\ FCUBSLOVSchTask folder with the name FCUBSLOVSchTask.Jar

 Copy this FCUBSLOVSchTask.Jar to the <OIM_SERVER_INSTALL_DIR>\server\ScheduleTask folder and <OIM_SERVER_INSTALL_DIR>\server\apps\oim.ear\APP-INF\lib

5.1.6.3 Building the Lookup Search Scheduled Task deployment units for UNIX

- Change directory to /home/kernel/OIM/OIM-Config/Sch-Task/setup
- Modify the OIM_SERVER_INSTALL_DIR entry in the build.xml to where OIM Server is installed (for example /Oracle/Middleware/weblogic/Oracle_IDM1) and JAVA_HOME entry.
- In the below section of build.xml change the WSDL location hostname and port.

<exec executable="\${JAVA_HOME}/bin/wsimport">

<arg line="-keep -p com.iflex.fcubs.integration.oim.ws.client http://<hostname>:<port>/FCUBSLOVAdService/FCUBSLOVAdServiceSEI?WSDL"/>

</exec>

• To execute the build file, type "ant" on the shell and press enter.

Above step creates a JAR file in /home/kernel/OIM/OIM-Config/Sch-Task/build/FCUBSLOVSchTask folder with the name **FCUBSLOVSchTask.Jar**

 Copy this FCUBSLOVSchTask.Jar to the <OIM_SERVER_INSTALL_DIR>/server/ScheduleTask folder and <OIM_SERVER_INSTALL_DIR>/server/apps/oim.ear/APP-INF/lib



5.1.6.4 Deployment of Pre-population Adapters

Below Steps will be valid In case of different name used to create the form in 5.1.5.35

• Change the directory to

<AdapterSource>/OIM/OIM-Config/PrePopulateAdapter

Edit the plugin.xml and update the FlexcubeForm into the form name entered in <u>5.1.5.35</u>

<?xml version="1.0" encoding="UTF-8" ?>

<oimplugins xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">

<plugins pluginpoint="oracle.iam.request.plugins.PrePopulationAdapter">

<plugin pluginclass="com.oracle.oim.utility.eventhandler.UserIDPrepopulateAdapter" version="1.0"

name="UserIDPrepopulateAdapter">

<metadata name="PrePopulationAdapater">

<value>FlexcubeForm::USERID</value>

</metadata>

</plugin>

<plugin pluginclass="com.oracle.oim.utility.eventhandler.UserNamePrepopulateAdapter" version="1.0"</pre>

name="UserNamePrepopulateAdapter">

<metadata name="PrePopulationAdapater">

<value>FlexcubeForm::USERNAME</value>

</metadata>

</plugin>

cplugin pluginclass="com.oracle.oim.utility.eventhandler.UserPasswordPrepopulateAdapter" version="1.0"

name="UserPasswordPrepopulateAdapter">

<metadata name="PrePopulationAdapater">

<value>FlexcubeForm::USERPASSWORD</value>

</metadata>

</plugin>

<plugin pluginclass="com.oracle.oim.utility.eventhandler.EmailPrepopulateAdapter" version="1.0"</pre>

name="EmailPrepopulateAdapter">

<metadata name="PrePopulationAdapater">

<value>FlexcubeForm::EMAIL</value>

</metadata>



<plugin <="" pluginclass="com.oracle.oim.utility.eventhandler.LdapUserPrepopulateAdapter" td="" version="</td><td>1.0"></plugin>	
name="LdapUserPrepopulateAdapter">	
<metadata name="PrePopulationAdapater"></metadata>	
<value>FlexcubeForm::LDAPUSR</value>	
<plugin <="" pluginclass="com.oracle.oim.utility.eventhandler.StartDatePrepopulateAdapter" td="" version="</td><td>1.0"></plugin>	
name="StartDatePrepopulateAdapter">	
<metadata name="PrePopulationAdapater"></metadata>	
<value>FlexcubeForm::STARTDATE</value>	
<plugins pluginpoint="oracle.iam.platform.kernel.spi.EventHandler"></plugins>	
<plugin pluginclass="com.oracle.oim.utility.eventhandler.UserPasswordPreProcessHandler" td="" ve:<=""><td>rsion="1.0"</td></plugin>	rsion="1.0"
name="UserPasswordPreProcessHandler">	

• Change the directory to

<AdapterSource>/OIM/OIM-Config/PrePopulateAdapter /setup

- Modify the OIM_SERVER_INSTALL_DIR entry in the build.xml to where OIM Server is installed (for example D:\Oracle\Middleware\weblogic\Oracle_IDM1) and JAVA_HOME entry
- To execute the build file, type "ant" on the shell and press enter.



Above step creates a zip file in <AdapterSource>/OIM/OIM-Config/PrePopulateAdapter/build/ folder with the name **prepopulateadapter.zip**

- Copy the <AdapterSource>/OIM/OIM-Config/PrePopulateAdapter/build/prepopulateadapter.zip into <OIM_SERVER_INSTALL_DIR>/server/plugins/
- <OIM_SERVER_INSTALL_DIR>/server/plugin_utility/ant.properties should be changed from

***** ## The installation directory for WLS or WAS #wls.home=@wls_home #was.home=@was_home ***** # The OIM server directory for OIM. For example: MW_HOME/Oracle_IDM1/server ********** #oim.home@oim_home ***** #login file name with path for WAS or WLS ***************** #login.config=\${oim.home}/config/authwl.conf #login.config=\${oim.home}/config/authws.conf ****** # Represents the directory where Oracle Fusion Middleware is installed.

#mw.home=@mw_home





The installation directory for WLS or WAS

wls.home= <installation_dir>/Middleware/wlserver_10.3</installation_dir>
#was.home=@was_home

The OIM server directory for OIM. For example: MW_HOME/Oracle_IDM1/server

oim.home= <oim_installation_dir>/server/</oim_installation_dir>

#login file name with path for WAS or WLS

login.config=\${oim.home}/config/authwl.conf
#login.config=\${oim.home}/config/authws.conf

Represents the directory where Oracle Fusion Middleware is installed.

mw.home= <installation_dir>/Middleware</installation_dir>
Set the ANT_HOME & JAVA_HOME
In Command Prompt / SHELL type the below command and Press Enter

• ant -f pluginregistration.xml register

.

- Following Information has to be provided
 - > OIM Admin User xelsysadm
 - > OIM Admin User Password
 - > OIM Admin server URL : t3://hostname:portname

e.g :: t3://whf00bmc.in.oracle.com:14000

Full path of adapter which needs to be imported <OIM_SERVER_INSTALL_DIR>/server/plugins/prepopulateadapter.zip



Result will be displayed like

Plugin com.oracle.oim.utility.eventhandler.LdapUserPrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.UserIDPrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.StartDatePrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.UserNamePrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.UserPasswordPrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.UserPasswordPrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.EmailPrepopulateAdapter version 1.0 Registered Plugin com.oracle.oim.utility.eventhandler.EmailPrepopulateAdapter version 1.0 Registered

Modify the weblogic.properties under < OIM_SERVER_INSTALL_DIR >/server/bin

wls_servername=@servername application_name=@appname metadata_from_loc=@metadata_from_loc to

wls_servername=oim_server1

application_name=OIMMetadata

metadata_from_loc=<AdapterSource>/OIM/OIM-Config/PrePopulateAdapter/oim

- Type **sh weblogicImportMetadata.sh** in shell or **weblogicImportMeteData.bat** in command prompt and press enter to execute the command.
- You have to enter Weblogic Admin Server user name, password and URL (like t3://localhost:7001)
- Type **sh PurgeCache.sh all** in shell or **PurgeCache.bat all** in command prompt and press enter to execute the command.
- Now you have to enter oim admin user name (xelsysadm), password and oim server URL (like t3://localhost:14000)
- Restart the OIM Server to impact the changes done.

5.1.6.5 Create folders for Reconciliation

- For reconciliation, there should be different folder for staging files (yet to be reconciled) and for processed files (after reconciliation). These folders can be anywhere that OIM should able to access. If it is other than the OIM server system then that network path should be mapped as network drive.
- Create folder to keep staging file, for example

<OIM_SERVER_INSTALL_DIR>\xellerate\GTC\Recon\Staging

• Create folder to keep processed file, for example

<OIM_SERVER_INSTALL_DIR>\xellerate\GTC\Recon\Archive



5.1.6.6 Importing Configuration Files

This step involves import of integration specific configuration files into OIM using OIM provided Deployment Manager.

Prerequisite: Ensure that OIM setup steps have been followed properly.

Note: Do the import in the same order as it is described below.

Open the Oracle Identity Manager Administrative console. (Give the following URL in the browser: http://<hostname>:<oimport>/sysadmin)

5.1.6.7 Login to Administrative Console

5.1.6.8 Enter OIM administrator username/password and press Sign In

ORACLE' Identity System Administration				Accessibility	Help	About Oracle	•••
	Sign In						
		Sign in with your account					
		User ID					
		xelsysadm					
		Password					
		Sign In					
opyright © 2001, 2015, Oracle and/or its affiliates. All rights reserved							

5.1.6.9 Click on Import option under System Configuration

	Anne a blitte	Sandboxes	Unio	0101		
ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	
🚯 Role 🔺						
Catalog						
System Configuration						
😹 Home Organization Policy						
Self Service Capabilities						
n 👸 Lookups						
Role Categories						
E Scheduler						
A Notification						
Seconfiguration Properties						
de Import						
1 Export						
▲ Upgrade						
C Upgrade User Form						
👸 Upgrade Role Form						
😹 Upgrade Organization Form						
🔁 Upgrade Application Instance						
X						



5.1.6.10 The following screen will get displayed with Add File option

- a. Select Lookup.xml file from the folder <SPMLADAPTER_INSTALL_DIR>\OIM\OIM-Config\Screens-Config.
- b. Click on Open.

		Deployment Mana	ager - Import	
Click Add File to add more files.				
Show Information Reset Legend				
Summary 🔻	Current Selections			Objects Removed From Import
Import Files 🔻	Current selections			objects kenioved From import
💠 Add	Select a file for	import.	×	
Substitutions 🔻				
+ Add	Look in:		🧿 🎓 🔛 🛄 •	
IT Resources V	(Pin)	Name	Date modified Type	
+ Add	S. 1	🖭 Lookup.xml	4/13/2016 3:51 PM XML Docu	
New Roles 🔻	Recent Places			
◆ Aσt		< Fle name: Lookup xml Fles of type: All Fles. (*.*)	- Open - Cancel	Missing Dependencies To Create

5.1.6.11 We will get File preview screen

a. Click on Add file.

	Deployment Manager - Import	
Click Add File to add more files.		
Show Information Reset Legend		
Summary T	Current Selections	Objects Removed From Import
Import Files 🔻		,
Add Substitutions	Deployment Manager	
Add		
IT Resources	File Preview	
Add	File Preview	
New Roles 🔻	FlexcubeLookup	
◆ Add	File Name: Lookup.zm1 Exported by: XELSYSAMM Exported by: XELSYSAMM Export Disk: August 20, 2014 2:5644 PM Export Utility: Version: 2.0.21 Exported From: jdb::oracletNim:@ofes220246:1521/Oraclet1ig550 Cancel < Add File Heport	Missing Dependencies To Create



5.1.6.12 Click on Add File

	Deplo	oyment Manager - Import	
Click Add File to add more files.			
Show Information Reset Legend			
Stormmary V Copy At: 3 At: 3 At: 1 At: 3 At: 2 At: 3 At: 3 At: 3 At: 4 At: 3 At: 5 At: 3 At: 6 V Lookup: 3 Statistitutions Statistitutions V Add V	Current Selections		Objects Removed From Import
New Roles V			Missing Dependencies To Create
	Add File Import		

5.1.6.13 Select SchTask.xml file from the folder

<SPMLADAPTER_INSTALL_DIR>\OIM\OIM-Config\Sch-Tasks\Config-XML.

a. Click on Open.

		Deployment Man	ager - Import	
Click Add File to add more files.				
Show Information Reset Legend				
Summary V Alt 3 ÆLookup: 3	Current Selections	net net for import.		Objects Removed From Import
Import Files 🔻	🖵 🔎 Lookur 🛛 🗸	ok in: 🌗 Config-XML 👻	🧿 🏂 📂 🛄 🔻	
Lookup.cml	9	Name (19) SchTaskxml	Date modified Type 4/13/2016 3:51 PM XML Docu	
Substitutions	Recent P	aces		
IT Resources V Add	Deskto	p		
New Koles ¥	Librari Compu Netwo	er	• <u>Open</u> • Cancel	Missing Dependencies To Create
	Add File Imp	a		



5.1.6.14 We will get File preview screen

a. Click on Add file.

	Deployment Manager - Import					
Click Add File to add more file:	s.					
Show Information Rese	t Leger					
Summary All: 3 All: 3	•	- FLookup.FLEX.TimeLevel 🔊	ects Removed From Import Æ Lookup.FCUBS.TimeLevel 🔊 🖀 FLEX_UsrLang_SchTask 🔊			
loss and File a		🔎 Lookup.FLEX.UserLanguage 🔊	🔠 FLEX_UsrLang_SchTask 🐉			
Import Files	•		Lookup.FCUBS.BranchCode 🔊			
Lookup.xml		Upployment Manager	🗵 .ookup.FCUBS.UserLanguage 🔊			
	-		FLEX_BranchCode_SchTask 🔊			
Substitutions Add	•	File Preview	FLEX_BranchCode_SchTask 🔊			
IT Resources	-					
Add	•	FlexcubeScheduledTasks				
New Roles		File Name: SchTask.xml				
Add		Exported By: XELSYSADM Export Date: August 20, 2014 2:53:53 PM Export Likity version: 2.0.2.1 Exported From: jdbs:oraclesthin:@ofss220246:1521/0racle11gSSO	Dependencies To Create			
		Cancel « Back Add File				

5.1.6.15 Click on Import

	Deploym	ent Manager - Import	
Click Add File to add more files.			
Show Information Reset Legen	d		
Show Information Reset Legen Summary ¥ AL: 7 Judic 2 Judic 2 Judic 2 Judic 3 Scheduled Test: 2 Import Files ¥ Scheduled Test: 2 Import Files ¥ Scheduled Test: 2 Scheduled Test: 2 Import Files ¥ Scheduled Test: 2 Scheduled Test: 2 Import Files ¥ Scheduled Test: 2 Import Files ¥ Scheduled Test: 2 Import Files ¥ Add Import Files ¥ Scheduled Test: 2 Import Files ¥ Add Import Files ¥ Rev Roles ¥ Add Import Files ¥ Add	d		Objects Removed from Import Clockup.FCUBS.TimeLevel Clockup.FCUBS.HeartCode Clockup.FCUBS.HeartCode Clockup.FCUBS.HeartLanguage Messing Dependencies To Create
	Add File Import		



5.1.6.16 Above will prompt for Import Confirmation

a. Click on Import to start import.

Deployment Manager - Import				
Click Add File to add more files. Show Information Reset Summary Alt 7	Legend Current Selections	Objects Removed From Import		
È Job: 2 ,ÆLookup: 3 ∰Scheduled Task: 2	- Clookup/FLX/TimeLevel 			
Import Files SchTask.xml Lookup.xml Add Substitutions	Confirmation Are you sure you want to import the selections?			
 Add IT Resources Add Hew Roles 	Project set eye want to import the extended of the set extend	Missing Dependencies To Create		
Add				
	Add File Import			

5.1.6.17 On successful import following screen will come

a. Ensure that import is successful and click on ok.

Deployment Manager - Import				
Click Add File to add more files.				
Show Information Reset Leger	a			
Summary ▼ AE 7 Ø obt 2 Ø toolog: 3 Scheduled Task: 2 Import Files ▼		Removed From Import		
SchTask.xml Lookup.xml Add Substitutions ¥ Add IT Resources ¥ Hew Koles ¥	Success Import successful If you are importing forms with encrypted attributes for a clustered configuration, then restart all nodes of the cluster.	sing Dependencies To Create		
New Koles *				
	Add File Import			



5.1.6.18 The following screen will get displayed.

a. Click on Add File.

Deployment Manager - Import				
Click Add File to add m	ore files.			
Show Information	Reset L	.egend		
Summary			Current Selections	Objects Removed From Import
Import Files		•	Current Selections	objects Removed From Import
💠 Add				
Substitutions				
💠 Add				
IT Resources		•		
+ Add				
New Roles		•		
💠 Add				
				Missing Dependencies To Create
			Add File Import	

5.1.6.19 Open file window will get appeared

- b. Select GTC.xml file from the folder <SPMLADAPTER_INSTALL_DIR>\OIM\OIM-Config\GTC-Config\.
- c. Click on Open.

Deployment Manager - Import						
Click Add File to add more files.						
Show Information Reset Legend	1					
Summary 🔻	Current Selections			Objects Removed From Import		
Import Files 🔻						
Add	Select a file for	r import.	×			
Substitutions V	Lashin	🔒 GTC-Config 🗸 👻	G 🤣 📂 🛄 -			
◆ Add	LOOK II.					
IT Resources V	9	Name	Date modified Type			
+ Add New Roles	Recent Places	GTC.xml	4/13/2016 3:51 PM XML Docu			
Add	Necent Places					
- Add						
	Desktop					
				Missing Dependencies To Create	3	
	Libraries					
	Computer					
	Network	< [+			
		File name: GTC xml	- Open			
		Files of type: All Files (*.*)	Cancel			
		rate of the state	Cancor			
	Add File Import					



5.1.6.20 We will get File preview screen

d. Click on Add file.

	Deployment Manager - Import						
Current Selections	Objects Removed From Import						
	objects removed from import						
O Deployment Manager 🛛							
File Preview							
Flexcube							
File Name: CTC.xtml Exported By: X11,9YSADM Export Date: August 20, 2014 6:35:17 PM Export 12,0.21 Exported From: jdbcorrelethins@ofss22024E:1521/0rade11g550	Missing Dependencies To Create						
	File Proview Flexcube Flexview Exported By: XELSYSADM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM Export Obte: August 20, 2014 6:35:17 PM						

5.1.6.21 Next screen will be the substitution screen.

- e. If the GTC is imported first time then click on Next.
- f. If GTC have been already imported once successfully, change the Version name for example UD_FLEXCUBE Version = FLEXCUBE V2.
- g. Click on Next.

Deployment Manager - Import							
Click Add File to add more files.							
Show Information Reset	Legend						
Summary	* *	Current Selections				Objects Removed From Import	
Import Files Add	•						
Substitutions	-	0	Deployment Manager - Imp	port			
Add							
IT Resources							
Add	-		Substitutions				
New Roles			Provide the substitution	ins for the users/groups (Optional).			
Add	-		Туре	Current Name	New Name		
			Role	SYSTEM ADMINISTRATORS			
			User	XELSYSADM			
			UD_FLEXCUBE Version		lCS	Missing Dependencies To Create	÷.
			Role	SELF OPERATORS		missing bependencies to create	
			Role	ALL USERS			
			Cancel Substituti	on	Next	3	
		Add File	Import				



5.1.6.22 Above will prompt for substitution Confirmation

h. If any value has been changed on previous screen it will list those substitution otherwise below screen will get displayed. Click on Next.

5.1.6.23 Next, Provide IT resource instance data screen will get displayed.

- i. Ensure that the green arrow should point to FLEXCUBE_GTC.
- j. Provide followings to the right hand table:

Parameter Name	Parameter Value
SPML_targetID	Oracle FLEXCUBE
SharedDrive_filePrefix	SMOIMHOFF
SharedDrive_stageDirParent	Full path of the staging folder created in step 4 of OIM setup
	Eg: /home/Oracle/Oracle/Middleware/FCUBS-OIM- Config/Staging
Webservices_webserviceURL	Provisioning web service FCUBSProvisioningAdService URL deployed in step .Typically it should be like https:// <hostname>:<port>/FCUBSProvisioningAdServi ce/FCUBSProvisioningAdServiceSEI</port></hostname>
	Eg: https://ofss000000:14001/FCUBSProvisioningAdServic e/FCUBSProvisioningAdServiceSEI
SharedDrive_archiveDir	Full path of the archiving folder created in step 4 of OIM setup
	Eg: /home/Oracle/Oracle/Middleware/FCUBS-OIM- Config/Archive



SharedDrive_delimeter	,[Comma]
SharedDrive_uniqueAttrPare nt	USERID

k. Click on Next.

Deployment Manager						
Provide IT Resource Instance Data.						
FLEXCUBE_GTC	FLEXCUBE_GTC					
🕨 FLEXCUBE_GTC 🔊	Parameter Name	Parameter Value				
<< New Instance>>	SharedDrive_uniqueAttrParent	USERID				
	SPML_userName					
	SPML_targetID	FLEXCUBE	ш			
	WebServices_webServiceURL	https://ofss220607.in.oracl				
	SPML_userPassword		-			
	SharedDrive_stageDirParent	/scratch/work_area/DBG/C				
	SharedDrive_stageDirMultval					
	SharedDrive_fixedWidth		11.			
	SharedDrive_archiveDir	/scratch/work_area/DBG/C				
	Timestamp	v	-			
Cancel IT Resource Modification << Back Skip Next						

FLEXCUBE_GTC	FLEXCUBE_GTC
🕨 FLEXCUBE_GTC 🔊	Parameter Name Parameter Value
<< New Instance>>	WebServices_webServiceURL https://ofss220607.in.oracl
	SPML_userPassword
	SharedDrive_stageDirParent /scratch/work_area/DBG/C
	SharedDrive_stageDirMultval
	SharedDrive_fixedWidth
	SharedDrive_archiveDir /scratch/work_area/DBG/G
	Timestamp
	SharedDrive_delimiter
	SharedDrive_whetherTabDelimited
	SharedDrive_filePrefix SMOIMHOFF



5.1.6.24 The following screen will get displayed

I. Click on Skip.

Deployment Manager - Import								
Click Add Fle to add more files.								
Show Information Reset Legend								
Summary 🔻	Current Selections	Objects Removed From Import						
Import Files 🔻	Current Selections	Objects Removed From Import						
🜩 Add	Deployment Manager							
Substitutions 🔻	Provide IT Resource Instance Data.							
🜩 Add								
IT Resources 🔻	FLEXCUBE_GTC Provide the name of the IT resource instance to be created.							
Add	FLEXCUBE_GTC 🖉 Instance Name:							
New Roles 🔻	«New Instance»»							
Add	Parameter Name Parameter Value							
	SharedDrive_uniqueAttrParent							
	SPML_userName							
	WebServices_webServiceURL	Missing Dependencies To Create						
	SPML_userPassword							
	SharedDrive_stageDirParent							
	SharedDrive_stageDirMutival							
	SharedDrive_fixedWidth							
	Cancel IT Resource Modification << Back Skip Next							
	Add File Import							

5.1.6.25 A confirmation window for parameter values will get displayed

m. Confirm the values and click on View Selections.



5.1.6.26 We will get Selection screen that will show all components of GTC

 Make sure that there should be no items in Missing Dependencies to create box on right below of the screen. If so, probably some previous imports has been missed out or not imported successfully. Repeat the earlier imports again.

Deployment Manager - Import										
Click Add File to add more files.										
Show Information Reset Legend										
Summary All: 18 Image: Interpret text All: 18 Image: Interpret text Resource: 1 Image: Interpret text Resource: 1 Image: Interpret text Image: Interpret text Image: Intery interpret text </td <td>Current Selections Image: FLEXCUBE_GTC Control Image: FLEXCUBE_GTC Control <td></td><td>Objects Removed From Import Missing Dependencies To Create</td></td>	Current Selections Image: FLEXCUBE_GTC Control Image: FLEXCUBE_GTC Control <td></td> <td>Objects Removed From Import Missing Dependencies To Create</td>		Objects Removed From Import Missing Dependencies To Create							

o. Otherwise click on Import.

5.1.6.27 Above will prompt for Import Confirmation

p. Click on Import to start import.

Deployment Manager - Import								
Click Add File to add more files.								
Show Information Reset Legend								
Summary V Al: 4 Al: 4 Import Resource Definition: 1 Import Resource: 1 Import Prices Form 1 Entity Publication: 2 Entity Publication: 2 Import Prices Import Prices Import Prices Import Fries V If Resources V FLEXCUBE_IGTC (FLEXCUBE_IGT) 2: JC2 Add Substitutions V FLEXCUBE_IGTC (FLEXCUBE_IGT) Import Prices V	Current Selections Image: Contract Selection Image: Contract Selection	Objects Removed From Import						

Note: Import of GTC.xml may take more time as compare to other imports.



5.1.6.28 On successful import following screen will come

q. Ensure that import is successful and click on ok.

Deployment Manager - Import							
Click Add File to add more files.							
Show Information Reset Legence							
Summary ▼ At 10 At 10 If Resource Definition: 1 Image: Adapter 2 Image: Transport Application in Stance: 1 Image: Transport Application: 3 Image: Transport Application: 3 Image: Transport Application: 3 Image: Transport Application: 1 Image: Transport Application: 1 Image: Transport Application: 1 </th <th>Current Selections George LEXCURE or C_AUTOC George LEXCURE Core George LEXCURE Core Construction instance 2 Construction instance 2 Cons</th> <th>Objects Removed From Import</th>	Current Selections George LEXCURE or C_AUTOC George LEXCURE Core George LEXCURE Core Construction instance 2 Construction instance 2 Cons	Objects Removed From Import					
IT Resources	Add File import						

5.1.6.29 Click on Sandboxes

ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	
Connector Capture Connector Capture Connector System Entities						
د من معالی معال معالی معالی معال معالی معالی معال						
System Configuration Showe Organization Policy Self Service Capabilities Cookups						
Role Categories Image: Scheduler Notification Image: Scheduler Image: Sc						
pfss220607:14000/sysadmin/faces/home?_adf.ctrl-state=w1gh33fda_68z_afrLoop=621057740745765#					Ab	out

5.1.6.30 Click on Create Sandbox





5.1.6.31 Enter the Below Details and Click on Save and Close

- r. Sandbox Name : Oracle FLEXCUBESANDBOX
- s. Sandbox Description : Oracle FLEXCUBESANDBOX

ORACLE Identity Sys	tem A	dministration									Accessit	ility Sandbox	es Help Sign (Out xelsysadm
Policies Approval Policies		ilanage Sandboxes	×											
Access Policies	Ave	Noble Sandboxes Published Bandboxes												
# Provisioning Configur	0	Sandboxes allow y To customize creat	ou to isolate ie and/or act	and experiment with cu ivate a sandbox. After cu:	stomizations with stomizations are	out affecting other users e complete you can publish	mironments. the sandbox to make the cust	Iomizations available to ot	her users.					
Reconciliation	Vi	ew 👻 📑 Create	e Sandbox	3 Delete Sandbox	Refresh	Activate Sandbox	Deactivate Sandbox	Publish Sandbox	Export Sandbox	📥 Import Sandbox				Detach
E Form Designer		Sandbox		Description								Active	Last Modified	Last Modified By
@ IT Resource	No	data to display.											UII	by
Ceneric Connector														
Application Instances														
Manage Connector														
							Create Sandbox	×						
💩 User 📪							Sandbox Name	lexcubeSandbox						
& Organization							F	lexcubeSandbox						
🐯 Role	1						Sandbox Description							
Catalog														
A System Configuration							Activate Sandbox 🕑							
A Home Organization Policy							Sav	e and Close Cancel						
Self Service Capabilities														
🍓 Lookups														
Ci Role Categories														

5.1.6.32 Click on Ok

	yste	m Admi	nistration					Accessibili	ty Sandbox	kes Help Sign	Out xelsysadr	n
P Generic Connector	*	Available	ge Sandboxes x									
System Entities		● San To c View ▼		a and experiment with cu livate a sandbox. After cu Delete Sandbox	stomizations with stomizations are Refresh		environments. the sandbox to make the cus			er users.	ox »	»
& Organization		s	andbox	Description					Active	Last Modified On	Last Modifie By	d
🖓 Role		► FI	lexcube Create Sandb	ox				×		Apr 18, 2016	mdsInternal	
Catalog			💊 Confirmati									
System Configuration Home Organization Policy Home Organization Policy Home Organization Policy Categories Ca			SandboxFlex	(cube SandboxFlexcube S	a was created us	ing label Creation_IdM_Fi	excubeSandboxFlexcubeSa_	ок				
opyright © 2001, 2015, Oracle and/	or its a	affiliates. All	rights reserved								A	bout



5.1.6.33 Click on Form Designer under Provisioning Configuration

	em Admi	nistration				Accessibility	Sandboxes (I	FlexcubeS	andboxFlexcubeS	a) Help	Sign O	out xelsysad	im
Policies Approval Policies	🕞 Mana	ge Sandboxes x											
Access Policies	Sar	e Sandboxes Published S oboxes allow you to isolate sustomize create and/or act	e and experiment with cus	stomizations with stomizations are	out affecting other users e complete you can publish	nvironments. the sandbox to	o make the cus	tomizatio	ns available to oth	er users.			
Seconciliation	View 🔻	Create Sandbox	💥 Delete Sandbox	🍓 Refresh	Activate Sandbox	Deactive	ate Sandbox	😰 Pu	blish Sandbox	👚 Ехро	rt Sandbox	× >>	»
Err Designer	S	andbox	Description						Active	Last Mo On	odified	Last Modifie By	ed
Generic Connector	⇒ F	lexcubeSandboxFlexcu	FlexcubeSandbox						۲	Apr 18, 3	2016	mdsInternal	
Application Instances													
Manage Connector													
▲ System Entities													
🚵 User													
Role													
Catalog													
System Configuration Home Organization Policy													
ofss220607:14000/sysadmin/faces/home?_i			sandboxes&_adf.ctrl-state	e=w1gh33fda_82#								I	About

5.1.6.34 Click on Create

	tem Administration	Accessibility Sandboxes (FlexcubeSandboxFlexcubeSa) Help Sign Out xelsysadm
Policies Approval Policies Access Policies Provisioning Configur Reconciliation Form Designer T Resource	Search Forms Search Resource Type Q Search Results	Saved Search Implicit Search Search Reset Save
Generic Connector	Actions View View Create Open	E Detach
 ☑ Application Instances ☑ Manage Connector ☑ System Entitles ☑ User ☑ Organization 	No data to display.	Type Resource Type
Image: Solution of the solutio		



5.1.6.35 Enter the below details and Click on Create

٠	Resource Type	: FLEXCUBE_GTC
•	Form Name	: FLEXCUBEFORM

Note*: Form Name should be same as above

ORACLE. Identity Syste	em Administratio	n	Accessibility	Sandboxes (FlexcubeSandboxFlexcubeSa)	Help Sign Out xelsysadm	
Policies Approval Policies Approval Policies Access Policies Provisioning Configur So Reconciliation Form Designer Form Designer Form Designer Generic Connector Application Instances Manage Connector		lexcubeForm	Create Form 🗙			Create
System Entities Constraints System Configuration System Configuration System Configuration System Configuration To m To m To m To m System Configuration To m To m System Configuration System Configuration	View V # Disp 1 cont	Detach Jay Name ainerID	Name UD_FLEXCUBE_CONTAINERID	Description containerID		Bulk Update

5.1.6.36 Successful form creation will be like below:

	stem Administration		Accessibility	Sandboxes (FlexcubeSandboxFlexcubeSa)	Help Sign	Out xelsysadm
Policies Approval Policies Access Policies	Manage Sandboxes × Search Forms	Form Designer X				
Provisioning Configur	A Search Resource Type	Q		S	aved Search Search	Reset Save
I Form Designer ∅ IT Resource I Generic Connector	Search Results	💠 Create 🖉 Open				Detach
Application Instances Manage Connector	• No data to display.			Туре	Resour	се Туре
✓ System Entities						
😹 Organization						
Catalog System Configuration Home Organization Policy Image: Market State	•					



5.1.6.37 Click on Application Instances under Provisioning Configuration

ORACLE' Identity Syste	em Administration	Accessibility Sandboxes (FlexcubeSandboxFlexcubeSa) Help Sign Out xelsysadm
 ✓ Policies ▲ Approval Policies ➡ Access Policies 	Manage Sandboxes x Form Designer x Search Forms Search	Saved Search Implicit Search
Provisioning Configur Reconciliation Form Designer	Resource Type Q	Search Reset Save
IT Resource Generic Connector	Actions View View Create Open	jiiž Detach
Application Instances	Row Form Name No data to display.	Type Resource Type
✓ System Entities ♣ User ♣ Organization		
🎲 Role 💷 Catalog		
✓ System Configuration		

5.1.6.38 Click on Search

	em Administration		Accessibility	Sandboxes (FlexcubeSandboxFlexcubeSa) Help Sign Out xelsysad	dm
Policies	🐻 Manage Sandboxes 🗴 Form Desig	ner x Application Instances x			
Approval Policies	Search Application Instan	ces			-
Access Policies					
Provisioning Configur Reconciliation	▲ Search Match ④ All ◯ Any			Saved Search Application Instances	•
E Form Designer	Resource Object Starts with	-			
🔅 IT Resource	Display Name Starts with	▼			
P Generic Connector	IT Resource Instance Starts with				
🖪 Application Instances	Starts with				
🛃 Manage Connector	•			Search Reset Save Add Fields V Reorder	r
▲ System Entities	Search Results				
👌 User	Actions 🔻 View 👻 🌳 Create	🖉 Open 💥 Delete 🔞 Refresh	🔄 🗟 Detach		
😹 Organization	1				
🖓 Role	Row# Display Name	Description	Resource Object	IT Resource Instance	=-
🕮 Catalog	No data to display	boompion	noodiloo objeet		
System Configuration					
& Home Organization Policy					
< +					
pyright © 2001, 2015, Oracle and/or its	affiliates. All rights reserved				Abou

5.1.6.39 Click on FLEXCUBE_GTC

ORACLE' Identity Syste	em Administration		Accessibility	Sandboxes (FlexcubeSandboxFlexcubeSa) H	lelp Sign Out xelsysadm
Policies Approval Policies	Manage Sandboxes × Form Des				2 2
Access Policies Provisioning Configur Reconciliation E	▲ Search Match ④ All ● Any			Saved Search Sea	rch Application Instances
🔳 Form Designer	Resource Object Starts w Display Name Starts w				
Generic Connector	IT Resource Instance Starts w	ith 💌			=
Manage Connector				Search Reset Save	Add Fields Reorder
▲ System Entities	Search Results		_		
🇞 User	Actions 🔻 View 👻 📌 Create	🧪 Open 💥 Delete 🝓 Refr	esh 🖙 🗟 Detach		
a Organization	<u>/</u>				
👪 Role	Row# Display Name	Description	Resource Object	IT Resource Instance	
🛄 Catalog	1 FLEXCUBE_GTC	FLEXCUBE_GTC	FLEXCUBE_GTC	FLEXCUBE_GTC	
System Configuration Home Organization Policy					
. E	.L				



Policies	Manage Sandhoves - For	m Designer × Application Instances × FLEXCUBE_GTO	
Approval Policies	Application Instance		
Provisioning Configur	Attributes Organizations	Entitlements	
Reconciliation			*Required Field Apply Reven
Form Designer	* Display Name	FLEXCUBE_GTC	
Generic Connector	Description	FLEXCUBE_GTC	
Manage Connector			
System Entities			
S Organization	Resource Object	FLEXCUBE_GTC Q	
🐉 Role 🛄 Catalog	IT Resource Instance	FLEXCUBE_GTC	
System Configuration	Form	Edit 🔂 Refresh	

5.1.6.40 Choose the Form as FlexcubeForm and Click on Apply

5.1.6.41 On Successful modification will be shown like below:

ORACLE Identity System Administration	Accessibility Sandboxes (FlexcubeSandboxFlexcubeSa)	Help Sign Out xelsysadm
	Application Instance FLEXCUBE_GTC modified successfully	
	Designer x Application Instances x FLEXCUBE_GTC x	×
Approval Policies Application Instance	FLEXCUBE GTC	
Access Policies	-	
Attributes Organizations	ntitlements	
Provisioning Configur		
Reconciliation		Required Field Apply Revert
E Form Designer		
T Resource Display Name	LEXCUBE_GTC	^
Page Generic Connector		
Application Instances Description	LEXCUBE_GTC	
a Manage Connector		
✓ System Entities		
luser		
Resource Object	ELEXCUBE_GTC Q	E
S Organization		
Role IT Resource Instance	ELEXCUBE GTC Q.	
Catalog		
System Configuration Form		
System Configuration Form Home Organization Policy	FlexcubeForm 🗸 🖉 Edit 🙋 Refresh	
< III >		-
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		ADOUT

Application Instance belongs to the following Organizations



Note: In case provisioning has to be applied for different Organizations then Create the Organizations under System Entities and map those Organizations to the Application Instance.

DRACLE Identity Sy	/stem A	dmir	nistration			Accessibility	Sandboxes	Help	Sign Out 7	xelsysadm
Policies Approval Policies Access Policies Provisioning Configur Reconciliation	Ap	nibuter	Organizations	Entitiements	-				Apply	Revert
Form Designer					ze is available to are shown below. oke 🤮 Refiresh 📴 🔜 Detach					
Connector		1								
Application Instances	R	low≢	Organization Name	Туре	Hierarchy aware					
Anage Connector		1	Тор	System	V include sub-orgs					
▲ System Entities		2	Requests	System	include sub-orgs					
a Organization										
🚳 Role										
Catalog										

5.1.6.42 Select and click on Publish Sandbox

ORACLE Identity Syste	em Admir	nistration			A	Accessibility	Sandboxes (i	FlexcubeSa	andboxFlexcubeS	ia) Help Sign C	ut xelsysadr	n
Policies Approval Policies	🛃 Manaç	e Sandboxes 🗙										X
Access Policies	San	Sandboxes Published S dboxes allow you to isolate ustomize create and/or act	and experiment with cu	stomizations with	out affecting other users e	nvironments.	make the cus	tomization	s available to oth	erusers		
Reconciliation	View 🔻	Create Sandbox		🚱 Refresh	Activate Sandbox				lish Sandbox	Export Sandbox	· >>	»
Form Designer	S	andbox	Description						Active	Last Modified On	Last Modifie By	d
IT Resource Participation of the second s	► FI	excubeSandboxFlexcu	FlexcubeSandbox						۲	Apr 18, 2016	mdsInternal	
Application Instances												_
Manage Connector												
System Entities												
a Organization												
👸 Role												
(IIII) Catalog												
System Configuration Home Organization Policy												
ofss220607:14000/sysadmin/faces/home?_	afrLoop=623	198702534222&tf=manage_	sandboxes&_adf.ctrl-stat	e=w1gh33fda_82#	2						А	bout

	m Admini	stration			A	ccessibility Sandbox	es (Flexcut	eSandboxFlexcube	Sa) Help Sign (Dut xelsysadn	n
Policies Approval Policies Access Policies	Available S	Sandboxes ×	and experiment with cus	tomizations with	out affecting other users er	wironments.					
Provisioning Configur Reconciliation	View 🔻	Create Sandbox		Refresh	Activate Sandbox			Publish Sandbox	er users.	x »	»
Form Designer	San	idbox	Description					Active	Last Modified On	Last Modifie By	d
IT Resource Generic Connector	► Flex	cubeSand Publish Sa					×	•	Apr 18, 2016	mdsinternal	
Application Instances				lbox FlexcubeSar	ndboxFlexcubeSa and mer	ge its contents into the r	nain line.	_			_
Manage Connector		Do you war	nt to continue?			Y	s <u>N</u> o				
a User						_					
a Organization											
👪 Role											
🛄 Catalog											
System Configuration Home Organization Policy											
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5.1.6.43 Click on Scheduler under System Configuration

ORACLE: Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	
Sorganization						
👸 Role						
Catalog						
System Configuration Structure Crysnization Policy						
🛃 Self Service Capabilities						
🖨 Lookups						
Image: Categories Image: Categories <						
働 Export						
Dygrade Dygrade User Form						
Wpgrade Role Form Bupgrade Organization Form Image: State S						

5.1.6.44 Click on 主 to Search for Scheduled Job List

ORACLE' Identity System Adminis	tration	Signed in as xelsysadm Help 🤇
Event Management Policies System Ma	nagement	
Scheduler Notification System Configuration		
Search Scheduled Jobs	Welcome	
Advanced Search	Welcome to Identity System Administration	
Actions - View - / 🕜 💥 📑	Event Management	
	Policies Search Approval Policies	
	System Management Search Scheduled Jobs Search Notification Templates	
	Search System Properties	
	4	
		About
		, and the second s



5.1.6.45 Click on Entitlement List

RACLE' Identity System Admi	nistration Signed in as xebyeadm He
Event Management Policies System	Management
Scheduler Notification System Configuration	
Search Scheduled Jobs	Welcome
Advanced Search	Welcome to Identity System Administration
Actions • View • / 🗳 💥 📑 Job Name Status	Event Hanagement Search Reconcilation Events
Application Instanc Stopped	
Attestation Grace Stopped	
utomated Retry Stopped	Policies
utomatically Unlo Stopped	S Search Approval Policies
Ik Load Archival Stopped	
Ik Load Post Pro Stopped	
atalog Synchroni Stopped	
ertification Event Stopped	System Management
ataCollection Sch Stopped	Search Scheduled Jobs
elayed Delete User Stopped	
sable/Delete Use Stopped	Search Notification Templates
hable User After Stopped	Search System Properties
titlement Accign Stopped	Carl Search System Properties
titlement List Stopped	
titlement Post D Stopped	
aluate User Polic Stopped	
EX_BranchCode Stopped	
EX_UsrLang_Sch Stopped	
EXCUBE_GTC Stopped	
orm Upgrade Job Stopped	
	F
	4

5.1.6.46 Click on Run Now

Event Management Policies System	n Management	
Scheduler Notification System Configuration		
Search Scheduled Jobs	Wekcome Job Details	
*	Job Details : Entitlement List	
Advanced Search		* Indicates required fields.
		Apply Run Now Stop Enable Disable Refresh
Actions - View - 🥒 🎴 💥 📑		
Job Name Status		
Application Instanc Stopped	Job Information	
Attestation Grace Stopped	Job Name Entitlement list	Periodic
Automated Retry Stopped		
Automatically Unlo Stopped	Schedule 1	Type Single
Bulk Load Archival Stopped	* Start Date April 8, 2016 3:47:19 PM IS 🖄 (UTC+05:30) Calcutta - India Time (IT)	" Single
Bulk Load Post Pro Stopped	* Retries 5	No pre-defined schedule
Catalog Synchroni Stopped		
Certification Event Stopped	Job Periodic Settings	
DataCollection Sch Stopped	Run every 1	
Delayed Delete User Stopped		
Disable/Delete Use Stopped	days 💌	
Enable User After Stopped		
Entitlement Assign Stopped	Job Status	
Entitlement List Stopped	Current Status Stopped	
Entitlement Post D Stopped	Last Run Start April 18, 2016 6:39:28 PM IST	
Evaluate User Polic Stopped	Last Run End April 18, 2016 6:39:28 PM IST	
FLEX_BranchCode Stopped	Next Scheduled Run April 8, 2016 3:47:19 PM IST	
FLEX_UsrLang_Sch Stopped		
FLEXCUBE_GTC Stopped	Parameters	
Form Upgrade Job Stopped	AutoPublish True	
Rows Selected 1	Ignore Resource List	



5.1.6.47 Schedule Task Setup

This step involves setting up Schedule task parameters.

5.1.6.47.1 Open the Oracle Identity Manager Administrative console. (Give the following URL in the browser: http://<hostname>:<oimport>/sysadmin)

5.1.6.47.2 Enter OIM administrator username/password and press Login

ORACLE Identity System Administration				Accessibility	Help	About Oracle	
	Sign In						
		Sign in with your account					
		User ID					
		xelsysadm					
		Password					

		Sign In					
opyright © 2001, 2015, Oracle and/or its affiliates. All rights reserved							

5.1.6.47.3 Click on Scheduler under System Configuration

ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	
a Organization						
🚳 Role						
📮 Catalog						
System Configuration Second S						
😡 Self Service Capabilities						
👸 Lookups						
Image: State Categories Image: State Categories Image: State Categories Image: State Categories </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
Upgrade Upgrade User Form						
to a construction of the c						
S Upgrade Organization Form						



5.1.6.47.4 Click on 主 to Search for Scheduled Job List

	tration	Signed in as xelsysadm Help 🧕
Event Management Policies System Mar	nagement	
Scheduler Notification System Configuration		
Search Scheduled Jobs	Welcome	
Advanced Search	Welcome to Identity System Administration	
Actions - View - 🖉 🔮 💥 📑	Event Management	
	Policies Search Approval Policies	
	System Management Seteduled Jobs Search Notification Templates	
	Search System Properties	
		About

5.1.6.47.5 Click on FLEX_BranchCode_SchTask

ORACLE' Identity Syste	em Adminis	ration Signer	d in as xelsysadm Help 🤇
Event Management Policies	System Ma	aannaat	
	Configuration	henen	
	Configuration		
Search Scheduled Jobs		Welcome	
Advanced Search		Welcome to Identity System Administration	
Actions • View • / 🕑 💥 🛱 Job Name Application Instance Post Delete Proce	Status	Type Image: Search Reconciliation Events	
Attestation Grace Period Expiry Checker	Stopped		
Automated Retry of Failed Async Task		Policies	
	Stopped -	Search Approval Policies	
	Stopped		
	Stopped		
	Stopped		
	Stopped	System Management	
	Stopped	Search Scheduled Jobs	
	Stopped	Search Notification Templates	
	Stopped	Bal Search Nothication Templates	
	Stopped	Search System Properties	
	Stopped	Cat acord aystem Froper ups	
	Stopped		
Entitlement Post Delete Processing Job	Stopped		
Fusivete Line Defeire	Chapter 1		
FLEX_BranchCode_SchTask	Stopped		
	Stopped		
FLEXCUBE_GTC	Stopped		
Form Upgrade Job	Stonned T		

5.1.6.47.6 On the Edit Schedule Task screen

• WebService Url : FCUBSLOVAdService deployed in section 5.1.4.2.1

https://<hostname>:<ssl_port>/FCUBSLOVAdService/FCUBSLOVAdServiceSEI

Query

FCUBS :

:

select branch_code||'~'||branch_code from sttm_branch order by branch_code

FCIS :

select moduleid||'~'||moduleid from moduleprofilebasetbl where once_auth='Y' order by moduleid



• Click on Apply and Click on Run.

Event Management Policies Syste	em Management	
cheduler Notification System Configuration	n	
arch Scheduled Jobs	Welcome Job Details	
•	Job Details : FLEX_BranchCode_SchTask	
Ivanced Search	Sob becale Freeze Dranencoue_berrask	* Indicates required fields.
		Apply Run Now Stop Enable Disable Refresh
Actions 🗸 View 🖌 🥒 🎦 💥 🚮		
ob Name Status		
Application Instanc Stopped		
ttestation Grace Stopped	Job Information	
utomated Retry Stopped	Job Name FLEX_BranchCode_SchTask	Periodic
utomatically Unlo Stopped		Cron Schedule Type
ulk Load Archival Stopped	*Retries 0	() single
ulk Load Post Pro Stopped		No pre-defined schedule
atalog Synchroni Stopped		
ertification Event Stopped	Job Status	
ataCollection Sch Stopped	Current Status Stopped	
Delayed Delete User Stopped	Last Run Start April 20, 2016 5:47:01 PM IST	
isable/Delete Use Stopped	Last Run End April 20, 2016 5:47:03 PM IST	
inable User After Stopped	Next Scheduled Run	
intitlement Assign Stopped		
intitlement List Stopped	Parameters	
intitlement Post D Stopped	Lookup Name Lookup.FLEX.BranchCode	WebService Name FCUBSLOVAdService
valuate User Polic Stopped	OIM Country US	
LEX_BranchCode Stopped		WebService NameSpace http://lovservice.ws.oim.integration
LEX_UsrLang_Sch Stopped	OIM Language en	WebService Operation lookup
LEXCUBE_GTC Stopped	Query select branch_code '~' branch_co	WebService Url https://ofss220607.in.oracle.com:7
orm Ungrade Job Stopped	•	
Rows Selected 1	Job History	

5.1.6.47.7 Modify FLEX_UsrLang_SchTask job

• WebService Url : FCUBSLOVAdService deployed in section 5.1.4.2.1

https://<hostname>:<ssl_port>/FCUBSLOVAdService/FCUBSLOVAdServiceSEI

• Click on Apply and Click on Run.

Wetkowski System Configuration arch Scheduled Jobs Apply Run Now Stop Job Details Steped Steped				
arch Scheduled Jobs bit Ider Archanges				-
And Seach	eduler Notification System Configuration			
anced Search	arch Scheduled Jobs	Welcome Job Details		
anced Search	•	Job Details : ELEX_UsrLang_SchTask		
ctors • Werv		sob becaus rreest_obreang_ourrash	* Indicates require	d fields.
Name Status Status Status Status finance. Stopped Task. FLEX_Ustrang_SchTask Oran Status finance. Stopped Image: Stopped Image: Stopped Oran Status finance. Stopped Image: Stopped Image: Stopped Oran Status finance: Stopped Image: Stopped Image: Stopped Oran Status finance: Stopped Image: Stopped Image: Stopped Oran Status finance: Stopped Image: Stopped Image: Stopped Oran Stopped Image: Stopped Image: Stopped Image: Stopped Image: Stopped Stopped Stopped Image: Stopped Image: Stopped Image: Stopped Image: Stopped Stopped Image: Stopped I			Apply Run Now Stop Enable Disable Re	afresh
Name Status Status Status Status finance. Stopped Task. FLEX_Ustrang_SchTask Oran Status finance. Stopped Image: Stopped Image: Stopped Oran Status finance. Stopped Image: Stopped Image: Stopped Oran Status finance: Stopped Image: Stopped Image: Stopped Oran Status finance: Stopped Image: Stopped Image: Stopped Oran Status finance: Stopped Image: Stopped Image: Stopped Oran Stopped Image: Stopped Image: Stopped Image: Stopped Image: Stopped Stopped Stopped Image: Stopped Image: Stopped Image: Stopped Image: Stopped Stopped Image: Stopped I	ctions - View - 🥒 😭 💥 🖼			
setation forzer. Stopped unterstanding keines				
setation forzer. Stopped unterstanding keines	sication Instanc Stopped	Job Information		
analed Ref Stopped and Sto			(Particle	
amataly tube. Stopped of angle	omated Retry Stopped			
Load Adrival Stopped Used Supped	omatically Unio Stopped		Schedule Type	
Load Past Pro. Stopped Job Status Stopped Job Status Stopped Last Num Stopped Last Num Stopped Last Num Stopped Last Num Stat: April 20, 2016 St38:34 PM IST Locities April 20	Load Archival Stopped	* Retries	0 Sige	
infatoro Fixer. Stopped Scale: Stopped Current Stabus Stopped Last Run Start April 20, 2016 StaB:34PM IST Last	Load Post Pro Stopped		No pre-delined sciedule	
Michardon Event Stopped Current. Stapped Current. Stapped Last Num Stapped Jack Stapped Last Num Stapped Jack Stapped Last Num Stapped Jack Stapped Jack Stapped Last Num Stapped Jack Stapped Jack Stapped Last Num Stapped Jack Stapped	alog Synchroni Stopped	Job Status		
Auecon Supped Last Run Start April 20, 2016 5:38:34 PM IST Run Start April 20, 2016 5:38:34 PM IST Run Start Ap	tification Event Stopped			
Next Stepded Last Run End April 20, 2016 5:38:35 PM IST Next Stepded Last Run End April 20, 2016 5:38:35 PM IST Next Stepded Run Next Stepded Run Parameters Lookup Name Lookup PLEX.UserLanguage WebService Name (FCL8S.OVAdService WebService NameSpace (http://overvice.ws.oim.h				
Next Scheduled Run Next Scheduled Run Next Scheduled Run Parameters Next Scheduled Run Parameters Next Scheduled Run Next Scheduled Run Next Scheduled Run Parameters Next Scheduled Run Next Scheduled Run Parameters Next Scheduled Run Next Scheduled Run Next Scheduled Run Parameters Next Scheduled Run Ne				
Remert Asign: Stopped Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Parameters Pa				
Idement Lit Stopped Parameters Uniter User Note: Stopped Lookup Name Lookup Rame (grand-Code: Stopped OIM Country US Uniter Gits Stopped OIM Lookup Cell WebService Name (Uniters) Sch. Stopped OIM Lookup Cell WebService NameSpace (Uniters) Sch. Stopped WebService NameSpace Intps://stopped.com		Next Scheduled Run		
Bernik Loss Studped Bernik Rott Stopped Loskup Name Lookup Name Loskup Name Lookup Name Loskup Name OIM Country Ubstanguage WebService Name VebService Name PCLSSLOVAdService Ubstanguage OIM Country Ubstanguage OIM Country Ubstanguage OIM Country Ubstanguage OIM Country Ubstanguage OIM Language OIM Language OIM Language Ubstanguage OIM Language Ubstanguage Query VebService Name PCLSSLOVAdService Ubstanguage Query VebService Name Intps://psz20607.n.orade.com:7		Parameters		
Uale Like Fold Stopped OIM Country US WebService NameSpace [http://overvice.ws.om.integrator (Jarlang Sch Stopped OIM Language en WebService Operation [lookup Unavade Job Stopped Query select LANG_CODE [1~1][LANG_CODE				
(BranchCodeStopped Util Country Us Webservice Namespace. Intel/Inviervice. vis.om.Integrator (Uptilding.ShStopped ODM Language (in				
Uturiangus Sh., Stopped OBM Language in WebService Operation liokup VCUBE_GTC Stopped Query ledest LANG_CODE [1~/]LANG_COD WebService Uni https://of6s220607.n.orade.com:7		OIM Country US	WebService NameSpace http://lovservice.ws.oim.integration	
Query select LANG_CODE [~/][LANG_CODE]~/][LANG_CODE][/~][LANG_CODE]] WebService LM https://ofss220607.m.orade.com:7		OIM Language en	WebService Operation lookup	
10orade tob Stronged				
		QUELY SEECCEANG_CODE[] * [ICANG_	_cos	
		Job History		



5.1.7 System Configurations

5.1.7.1 Integration Specific Configurations

5.1.7.1.1 FCIS Configurations

On FCIS side following configurations need to be done:

- Maintenance of Maker ID
- Maintenance of External Source

Both configurations can be done using FCJ provided screens.

1. Maintenance of Maker ID

The FCJ screen can be open through Security Maintenance >> Users >> Detailed menu or using the function SMDUSRDF.

2. Maintenance of External Source

For OIM request and response handling, an external source should be maintained in FCIS database.

The FCJ screen can be open through Gateway >> External System >> Detailed menu or using the function 'GWDEXSYS'.

This external source should be able to do all operations like Create Modify Close Open View. This can be maintained throug GWDEXFUN or through Gateway >> System Functions >> Detailed. Require actions and their corresponding detain given as below.
--

Action	Function	Service Name	Operation Code
NEW	SMGUSRDF	FCISSMService	CreateUserMaint
UNLOCK	SMGUSRDF	FCISSMService	ModifyUserMaint
DELETE	SMGUSRDF	FCISSMService	DeleteUserMaint
CLOSE	SMGUSRDF	FCISSMService	CloseUserMaint
REOPEN	SMGUSRDF	FCISSMService	ReopenUserMaint
VIEW	SMQUSRDF	FCISSMService	QueryUserMaint

Ensure that required maintenance has been done for function CODSORCE (Gateway >> Source>>

Detailed) and for function CODUPLDM (Gateway >> Source Preferences >> Detailed menu)



For maintenance of amendable fields in GWTM_AMEND_NODES and GWTM_AMEND_FIELDS entries can be made using the function STDAMDMT or through Gateway >> Amendment Maintenance >> Detailed. Following table gives the amendable node and fields details that should be maintained.

Field Name	Value
Amend Nodes section	
Node Name	SMTB_USER
New Allowed	Checked
Delete Allowed	Checked
All Records	Checked
Amend Fields section	
Field Name	HOME_BRANCH
Field Name	START_DATE
Field Name	TIME_LEVEL
Field Name	USER_LANGUAGE
Field Name	USER_NAME
Field Name	USER_PASSWORD
Field Name	SALT

5.1.7.2 OIM Configurations

5.1.7.2.1 OID Connector Configuration

For Oracle FLEXCUBE single sign on mode, the provisioning process consist of user creation in underlying LDAP directory and then provsioning into FLEXCUBE. OIM porvides out of box connectors for LDAP directorires. This connectors provides facility to connect with LDAP and to do the operation through OIM console.

In this integration, the underlying directory for Oracle access manager is Oracle Internet Directory. OIM porvides out of box connector for it that need to be imported as the connector document provided by OIM. After import, following steps should be followed :



5.1.7.2.1.1 Login to the Design Console

🔁 Oracle Identity Manager Design Cons 🗕	×
Welcome To	
ORACLE [.]	
Oracle Identity Manager	
Design Console	
User ID xelsysadm	
Password	
Version 11.1.2.3.0.0.0	
Login <u>C</u> ancel	

5.1.7.2.1.2 Navigate to the Administration>>Lookup Definition menu

- a. Enter the below details:
- Code: Lookup.OID.Organization
- Click on Search M Icon
- Click on Add dutton
- Enter the below details:
- Code Key : cn=Users,dc=in,dc=oracle,dc=com
- Decode : cn=Users,dc=in,dc=oracle,dc=com



b. Click on Save 星

Oracle Identity Mana	ger Design	Console : connected to jdbc:oracle:thin:@ofss220374:1521/OracleSSO12c _ 🗆 🗙
<u>F</u> ile <u>E</u> dit <u>T</u> ool Bar <u>H</u> elp		
	8 🗙 🗊	
	Lookup Definit	tion
Resource Management IT Resources Type Definitie	Code	Lookup.OID.Organization
Rule Designer	Field	
Resource Objects		
🕀 🧰 Process Management) Lo	pokup Type 🔾 Field Type
- Administration	Required	
	Group	Lookup.OID.Organization
	Lookup Code Ir	formation
	Add	Code Key Decode
	Delete 1	cn=Users,dc=ofss,dc cn=Users,dc=ofss,dc
	Lookup Definit	tion Lookup Definition Resource Objects Lookup Definition

5.1.7.2.1.3 Navigate to the Administration>>Lookup Definition menu

- a. Enter the below details:
 - Code: Lookup.OID.UM.ProvAttrMap
 - Click on Search
 Icon
 - Modify the Decode value for Code Key Name:
 - From : ___NAME__="uid=\${User_ID},\${Container_DN}"
 - To : __NAME__="cn=\${User_ID},\${Container_DN}"
- b. Click on Save 🗳.



- 5.1.7.2.1.4 Navigate to the Resource Management>>Resource Objects menu. This will open a blank screen.
 - a. Enter FLEXCUBE_GTC in Name box.
 - b. Click on Search icon.
 - c. This will show the definition for resource FLEXCUBE_GTC. Click on Assign button in Depends On tab.

🔁 Oracle Identity Manager	Design Console : connected to jdbc:oracle:thin:@ofss220246:1521 $_$ \Box	×
<u>F</u> ile <u>E</u> dit <u>T</u> ool Bar <u>H</u> elp		
K < F H D G M		
Oracle Identity Manager Design Co	Resource Object Object Reconciliation Object Schmitter Name Name FLEXCUBE_GTC	
IT Resources Type Definiti		
Resource Objects Process Management E Email Definition	 Order For User Order For Organization Type Application 	
Process Definition Administration Q Lookup Definition	Trusted Source	=
User Defined Field Definitie	Administrators Password Policies Rule User Defined Fields Process Event Handlers (Adapters Resource Audit Objectives Status Definition	1
	Depends On Object Authorizers Process Determination Rules Assign Object	
	Delete	
		_
	Resource Objects	لندرر



5.1.7.2.1.5 Select the OID User from the Unassigned Objects list. Click on the arrow pointed to Assigned objects.

a. Click on OK.This will move OID user resource to Assigned objects.

Oracle Identity Manager Design Console : connected to jdbc:oracle:thin:@ofss220246:15	21 _ 0	×
Eile Edit Tool Bar Help		
Oracle Identity Manager Design C Resource Object Object Reconciliation Object Definition Object Definition Resource Management Object Definition If Resource Management Object S Resource Management Object Definition Resource Management Object Definition If Resource Management Objects ▼ Assigned Objects Assigned Objects ▼ Intervention Intervention If Ob Trusted User Intervention If Objects Intervention <		
OK Cancel		

5.1.7.2.1.6 Ensure that OID User will be shown under Object.

a. Click on Save.

	Design Console : connected to jdbc:oracle:thin:@ofss220246:1521 $_$ \Box	×
<u>F</u> ile <u>E</u> dit <u>T</u> ool Bar <u>H</u> elp		
N < > N D 🖬 🗛 🗄		
Oracle Identity Manager Design Co User Management Resource Management Resource Stype Definitio Rule Designer Process Management E Email Definition Administration Cookup Definition Cookup Definition Development Tools	Resource Object Object Reconciliation Object Definition FLEXCUBE_GTC Image: Name FLEXCUBE_GTC Image: Order For User Order For Organization Type Application Trusted Source Image: Object Authorizers Administrators Password Policies Rule User Defined Fields Process Event Handlers/Adapters Resource Audit Objectives Status Definition Depends On Object Authorizers Process Determination Rules 1 OID User	
	Resource Objects	



5.1.7.2.2 Access Policy Creation for OID

5.1.7.2.2.1 Open the Oracle Identity Manager Administrative console. (Give the following URL in the browser: http://<hostname>:<oimport>/sysadmin)

5.1.7.2.2.2 Login to Administrative Console

a. Enter OIM administrator username/password and press Sign In.

ORACLE Identity System Administration				Accessibility	Help	About Oracle	
	Sign In						
		Sign in with your account					
		User ID					
		xelsysadm					
		Password					

		Sign In					
opyright © 2001, 2015, Oracle and/or its affiliates. All rights reserved							

5.1.7.2.2.3 Click on Access Policies under Policies

ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	
Policies Approval Policies Access Policies Provisioning Configur Reconciliation						
System Entities System Section 2.2						
😹 Organization						
🖓 Role						
Catalog						
System Configuration Home Organization Policy						



5.1.7.2.2.4 Click on Create Access Policy

Enter your search chie	eria to search for access pol	ides.		
	•			
	•			
	licies Create Access			

5.1.7.2.2.5 Enter the below details and Click on Continue

- Access Policy Name : OIDAccessPolicy
- Access Policy Description : OIDAccessPolicy
- Policy Owner
 : Role in Dropdown and ALL USERS from LOV.

: Yes

Retrofit Access Policy

•

Priority : 1

Create Access Policy	
Step 1: Create Access Polic	/
* Indicates Required Field	
Access Policy Name	* OIDAccessPolicy
Access Policy Description	QUDAccessPolicx *
Policy Owner	Role ALL USERS
Retrofit Access Policy	
Priority	* 1 Current Lowest Priority=1
Exit Continue >>	



5.1.7.2.2.6 Perform the below mentioned Operations and Click on Continue

- Select OID User
- Click on Add Button

Create Access Policy	
Step 2. Select Resources Specify the resources to be provisioned by this access policy. * Indicates Required Field Filter By Results 1-2 of 2 First Previous Next Last Resource Name. First Previous Next Last First Previous Next Last	Add >>> << Remove
Ext << Back Continue >>	

5.1.7.2.2.7 Click on Continue

Create Access Policy	1204
Step 2: Select Resources	
The subsequent pages will guide you through pro	viding the data to associate with the following resources you selected to be provisioned by this Access Policy:
• OID User	
Exit << Back Skp This Step	p Continue >>



5.1.7.2.2.8 Select the below Details and Click on Continue

Server : **OID Server** • cn=Users,dc=in,dc=oracle,dc=com Container DN : • Preferred Language: English • April 20, 2016 (Current Date) Start Date : End Date : April 20, 2026 (End Date) •

Provide the following process details for resource OID User :	
* Indicates a required field	
User ID	*
Server	* OID Server
Password	
First Name	
Middle Name	
Last Name	*
Common Name	*
Container DN	* cn=Users,dc=ofss,dc=in,dc
Department	
Location	
Telephone	
Email ID	
Preferred Language	English Clear
Time Zone	
Title	
Start Date	April 20, 2016
End Date	April 20, 2026
manager	
Exit << Back Set Additional Data Continue >>	

5.1.7.2.2.9 Click on Continue

Create Access Policy		
Step 2: Select Revoke Or Disable Flag		
Select if the resources need to be revoked or disabled if the access policy no longer applies.		
Resource Name	Revoke if no longer applies	Disable if no longer applies
OID User	۲	0
Ext << Back Continue >>		



5.1.7.2.2.10 Click on Continue

Step 3: Select Resources Specify the resources to be deried by this access policy. * Indicates Required Field Resource Name. Resource Name. PLEXCLEE_GTC OID User First Previous Next Last	Create Access Policy	1234	
	Step 3: Select Resources		
Result 12 of 2 First Previous Next Last Resource Hame. PLEXCUPE_STC OID User First Previous Next Last	* Indicates Required Field		
PLEXCLEE_CTC Add >> OID User << Remove	2		Selected:
CAL << bdck Culture >>	Exit << Back Contra	nue >>	

5.1.7.2.2.11 Click on Create Access Policy

	Access Policy Name	OIDAccessPolicy			
	Access Policy Description Policy Owner Type	OIDAccessPolicy Role			
	Policy Owner	SYSTEM ADMINISTRATOR	s		
	Retrofit Access Policy	Yes			
	Priority	1			
Resources to be provisione	d by this access policy				
				<u>Change</u>	
Resource Name	Revoke if no longer applies	Disable if no longer applies	Process Forms		
OID User	✓	×	OID User Edit		
Change					
 You have not 	t selected any resources to be denied by this access po	ilicy.			
Roles for this access policy					
Roles Name					
<< Back Create Ac	ccess Policy				

5.1.7.2.2.12 Login to Identity Self Services

http://<hostname>:<oimport>/oim/console or http://<hostname>:<oimport>/identity



	ity Self Service		A	ccessibility Hel	p About Oracle
	Sign In	Sign in with your account User ID xelsysadm Password ••••••••••••••••••••••••••••••••••••			
Copyright © 2001, 2015, Oracle and/or its a	ffiliates. All rights reserved				

5.1.7.2.2.13 Click on Roles under Manage

0		Service		Sandboxes Customize xelsysadm v 🚥
Hon			E	
	Users Manage users	Roles Manage roles	Organizations Manage organizations	Administration Roles Manage admin roles
faces/hor	me?_adf.ctrl-state=xufil7yvru_18c_afrLoop=85	7204625390963#		



5.1.7.2.2.14 Select ALL USERS to Edit

	ervice	Sandboxes Customize xelsysadm ▼ ···· Self Service Manage
Home Roles x		
🏜 Roles		
Search Name	Q Advanced	
Actions 🔻 View 👻 🕂 Create 🧪 Ope	n 🗙 Delete 🗘 Refresh 📳 📄 Detach	
Name	Role Description	
ALL USERS	Default role for all users	
Administrators	Administrators role for SOA	
BIReportAdministrator	Administrators role for BI Publisher Reports	
COPERATORS	Operator role	
SELF OPERATORS	Operator role for self registration	
SYSTEM ADMINISTRATORS	System Administrator role for OIM	
Copyright © 2001, 2015, Oracle and/or its affiliates. All right	ats reserved	

5.1.7.2.2.15 Click on Access Policy

Home Roles x ALL USERS x			
ALL USERS	Policy Members Organizations	Apply	Revert
	ALL USERS		
Role Namespace	Default		
Display Name	ALL USERS		
Role E-mail			
Role Description	Default role for all users		
* Owned By	System Administrator		

5.1.7.2.2.16 Click on + Add to Add Access Policy

	tity Self Ser	vice	Sandboxes Customize xelsysadm ▼
me Roles x ALL USERS x	:		ũ
ALL USERS	Policy Memb	ers Organizations	Apply Revert
Add access policies to define acc	-		
Actions View Actions	d 🗙 Remove	🔊 Undo 🜔 Refresh 🛛 🔄	Detach
Policy Name Poli	icy cription	Pending Action	



5.1.7.2.2.17 Search for the Access Policy and Select the Access Policy Created

				Sandboxes Customize	e xelsysadm 🔻 🚥
ORACLE	Identity Self	Service		Self Sen	vice 🎝 Manage
Home Roles x A	Add Access Poli	cies		×	
ALL USERS	Search Policy Nar Results	ne 💌	Q Search for Policies and Add them to the Sele	cted Items table below	Apply Revert
Add access policies	View 👻 🕎				
Actions View	Policy Name OIDAccessPolicy	Policy Description OIDAccessPolicy			
Policy Nar No data to display		✓ Add Selected	X Add All V Remove Selected Remove All		
copyright © 2001, 2015, Ori	Selected Policies	;			
	View 🔻				
	Policy Name	Policy Description			
	OIDAccessPolicy	OIDAccessPolicy		Select Cancel	

5.1.7.2.2.18 Click on Apply to Save

DRACLE [®]	Identity Self S	ervice	Sandboxes Customize xelsysadm v
fome Roles x ALL US	ERS ×		
ALL USERS			Apply Revert
Attributes Hierarchy A Add access policies to def		nbers Organizations	
Actions View	🕂 Add 🗙 Remo	we 🖒 Undo 🜔 Refresh 🛛 🐺 😨 Detach	
Policy Name	Policy Description	Pending Action	
	OIDAccessPolicy	Add	



5.1.7.2.2.19 Click on Scheduler under System Configuration

	ystem Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	
Sorganization	*						
🖓 Role							
📖 Catalog							
System Configuration							
Self Service Capabilities							
💏 Lookups							
Role Categories	8						
👌 Import	в.						
🟦 Export							
🖌 Upgrade							
📓 Upgrade User Form							
🖓 Upgrade Role Form							
Upgrade Organization Form							

5.1.7.2.2.20 Click on Search shown below

ORACLE' Identity System Adminis	stration Signed in as xe	elsysadm Help Ϙ
Event Management Policies System Ma	anagement	
Scheduler Notification System Configuration		
Search Scheduled Jobs	Welcome	
Advanced Search	Welcome to Identity System Administration	
Actions - View - 2 🕑 💥 🚟	Event Management	
	Policies Search Approval Policies	
	System Management Search Scheduled Jobs Search Notification Templates	
	Search System Properties	
	4	
		About



5.1.7.2.2.21 Select Evaluate User Policies

ORACLE' Identity System Administ	ration Signed in as xebysadm Heb
Event Management Policies System Man Scheduler Notification System Configuration	agement
Search Scheduled Jobs	Welcome Welcome to Identity System Administration
Actions • View • Job Name Status Application Instanc Stopped •	Event Management Search Reconciliation Events
Automated Retry Stopped Automatically Unio Stopped Buik Load Archival Stopped Buik Load Post Pro Stopped	Policies Search Approval Policies
Catalog Syndrom Stopped Catalog Syndrom Stopped DataCalection Sch Stopped Delayed Delate Liker: Stopped Enable User After Stopped Enable User After Stopped Entitlement Assign Stopped	System Management Selection Scheduled Jobs Search Notification Templates Search System Properties
Entitlement tist Stopped Entitlement Total Stopped Entitlement Total D. Stopped FLEX Standr.Code Stopped FLEX User Role Stopped FLEX User Role Stopped FLEX User Role Stopped FLEXCUBE_GTC Stopped Form Linoxade: lab Stonped	

- 3. Change the Schedule Type under Job Information, also change Run Every under Job Periodic Setting.
- a. Click on Apply.

Job will be scheduled in a periodic manner and it will evaluate the New User Created in Oracle Identity Management Server against the access policies created. If the new user satisfied by the access policy then it will Provision the user to User Account. In this case it's Oracle Internet Directory.

ORACLE' Identity System Adminis	stration	Signed in as xelsysadm Help
Event Management Policies System Ma Scheduler Notification System Configuration	anagement	
Search Scheduled Jobs	Welcome Job Details	×
Advanced Search	Job Details : Evaluate User Policies	* Indicates required fields.
Actions - View - 2 3 X 3		Apply Run Now Stop Enable Disable Refresh
Application InstancStopped Attestation (GraceStopped Automatical RetryStopped Automatically UnicoStopped Bulk tood ArthvalStopped Bulk tood Post PrvStopped Catalog SyndromStopped Catalog SyndromStopped	Job Information Job Name Evaluate User Policies Table Evaluate User Policies * * Start Date Aori 21, 2016 3:47:19 AM 1 18th (UTC+05:30) Calcutta - India Time (T1) * Retries 10	
Certification Event Stopped DataCollection Sch Stopped Delayed Delete User Stopped Disable/Delete Use Stopped Enable User After Stopped	Job Periodic Settings Run every 10 mins	
Entitlement Assim Stopped Entitlement List Stopped Entitlement Star D Stopped Entitlement Post D Stopped Evaluate Liser Polic Stopped FLEX_Variancide Stopped PLEX_Variancide Stopped	Job Status Current Status Stopped Last Run Start A pri 21, 2016 11:24:55 AM IST Last Run End Apri 21, 2016 11:24:55 AM IST Next Scheduled Run Apri 21, 2016 3:47:19 AM IST	
RLEXCUER_GTC Stopped	Parameters * Batch Size 500 * Number of Tireads 5	



6. Solution / Usage Guidelines

6.1 Working with OIM

6.1.1 Creating a user in Oracle FLEXCUBE through OIM

To create a user in Oracle FLEXCUBE through OIM, first a user must be created in OIM itself. After creating a user in OIM, a user can be created in Oracle FLEXCUBE by assigning a resource named FLEXCUBE_GTC.

Open the Oracle Identity Manager Administrative console. (Give the following URL in the browser: http://<hostName>:<oimport>/identity)

6.1.1.1 Login to Administrative Console

a. Enter OIM administrator username/password and press Login.

	ty Self Service		٩	.ccessibility	Help	About Oracle
	Sign In	Sign in with your account User ID xelsysadm Password ••••••••••••••••••••••••••••••••••••				
Copyright © 2001, 2015, Oracle and/or its a	ffiliates. All rights reserved					



6.1.1.2 Click on Users under Manage

C		fService		Sandboxes Customize xelsysadm v ••••
H	Users Manage users	Roles Manage roles	Organizations Manage organizations	Administration Roles Manage admin roles
aces/h	orme? adf.no-new-window-redirect=true& e	df.ctrl-state=bl3xqyjoe_58⊾afrLoop=858257121	.335836&_afrWindowMode=2&_afrWindowId=	12dzelvp5h#

6.1.1.3 Click on Create

								Self Service	🎝 Mar	rage
ome	Users ×									
🔓 U:	sers									
earch	Display Name	•	Q Advan	ced						
Action	ıs ▼ View ▼	🕂 Create 🧪 Edi	t 🗸 Enable (🕽 Disable 🗙 De	lete 🔒 Lock Acco	ount 👩 Unlock A	ccount 🕘 Reset	Password	»	»
	User Login	Display Name	First Name	Last Name	Organization	Telephone Number	E-mail	Identity Status	Accoun	t Si
	OIMINTERNAL	Internal User	OIMINTERNAL	OIMINTERNAL	Xellerate Users			Active	Unlocke	d
	WEBLOGIC	Weblogic User	WEBLOGIC	WEBLOGIC	Xellerate Users			Active	Unlocke	d
		Quella en Autoriala	System	Administrator	Xellerate Users		donotreply@ora	Active	Unlocke	d
	XELSYSADM	System Adminis	ojotom	rianninou ator						



6.1.1.4 The Create User screen will get displayed

- a. Below are the mandatory fields, which needs to be entered to Create the User in Oracle Identity Manager
 - i. First Name
 - ii. Last Name
 - iii. Organization
 - iv. User Type
 - v. E-mail
 - vi. Display Name
 - vii. User Login
 - viii. Password
 - ix. Confirm Password
 - x. Start Date

Note: Password and Confirm Password are not entered then System will generate some random password & it will mailed to the email addess entered.

b. Click on Submit.

ORA	.CLe	E [*] Identity Self Service			Sandboxes Customize xelsysadm v ····
Home Us	ers × C	reate User 🗴			
Create L					Submit Save As Cancel
•	Reques	t Information			
A Basic	Informat	ion			
First N	lame Na	ndhakumar	Manager		۹.
Middle N	lame		* Organization	Requests	٩
* Last N	lame Ver	nban	* User Type	Employee	
E	-mail nar	ndhakumar.vemban@oracle.com	Display Name	Nandhakumar Vemban	
🔺 Accou	nt Settin	ıgs			
U	lser Login	nvemban-in			
F	password	•••••	0		
* Confirm F	password	•••••			
🔺 Accou	nt Effect	tive Dates			
Start Date	4/25/201	6 🔅			
End Date		ΰ©			
A Provis	ioning D	Dates			



6.1.1.5 On successful creation of user "User successfully got created" message will get appeared

	er created success	•								
ome	Users x									
U	sers									
	DisalauMana	•	0							
earch	Display Name	•	Q Advan	ced						
Actio	ns 🔻 View 🔻	🕂 Create 📝 Edi	t 🗸 Enable (Disable 🗙 De	lete 🔒 Lock Acc	ount 👩 Unlock	Account 💮 Reset	Password	» »	
	User Login	Display Name	First Name	Last Name	Organization	Telephone Number	E-mail	Identity Status	Account St	
	OIMINTERNAL	Internal User	OIMINTERNAL	OIMINTERNAL	Xellerate Users			Active	Unlocked	
	WEBLOGIC	Weblogic User	WEBLOGIC	WEBLOGIC	Xellerate Users			Active	Unlocked	
	XELSYSADM	System Adminis	System	Administrator	Xellerate Users		donotreply@ora	Active	Unlocked	
	•								F.	

6.1.1.6 Click on Refresh to fetch the updated user list

							Sandboxes	Customiz	ze xelsysadm 🔻 🚥
רכ	ACLE	Identity Self S	Service					Self Ser	rvice 🍂 Manage
ome	Users ×								
us	sers								
		•	Q Advan	ced					
earch		▼ + Create / Edi		ced O Disable 🗙 De	lete 🔒 Lock Acc	ount 👩 Unlock	Account 💿 Reset	Password	» »
earch Action	Display Name				lete 🔒 Lock Acc	ount D ⁿ Unlock	Account 🕤 Reset		>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>>
earch Action	Display Name Is ▼ View ▼	+ Create 🖌 Edi	t 🗸 Enable (🗢 Disable 🗙 De		Telephone		2	Defends
earch Action	Display Name Is ▼ View ▼ User Login	+ Create / Edi Display Name	t v Enable	Disable X De	Organization	Telephone		ldenti C	Refresh ount St
Search Action	Display Name	Create Cedt Display Name Internal User	t Cinable Communication of the second	Disable X De Last Name OIMINTERNAL	Organization Xellerate Users	Telephone		Identi Active Active	Refresh ount SI

6.1.1.7 Click on the User created in the step above and Click on Accounts TAB

אוכ	ACLE	* Identity Self S	Service					Self Service	📩 Manage
lome	Users x								
🔓 Us	sers								
		▼ + Create ✓ Edit	Q Advanc t √ Enable (Disable X De	lete 🔒 Lock Acc	count 👩 Unlock	Account 🔊 Reset	Password	» »
	User Login	Display Name	First Name	Last Name	Organization	Telephone Number	E-mail	Identity Status	Account S
			Man dhalana a	Vemban	Requests		nandhakumar.v	Active	Unlocked
_	NVEMBAN-IN	Nandhakumar V	Nandhakumar						Uniocked
	NVEMBAN-IN OIMINTERNAL	Nandhakumar V Internal User	OIMINTERNAL	OIMINTERNAL	Xellerate Users			Active	Unlocked
				OIMINTERNAL				Active Active	
	OIMINTERNAL	Internal User	OIMINTERNAL WEBLOGIC		Xellerate Users		donotreply@ora	Active	Unlocked



6.1.1.8 Wait for Time, which has been set to evaluate the user access policy in 5.1.6.2.2.15 and Click on Refresh. In the Accounts TAB, User will be provisioned with OID User Resource Type.

	ACLE	Identity Self S	Service				1	Self Service	📩 Manag
ne	Users x User	Details : Nandhakum	a x						G
N	landhakuma	r Vemban							
/ 1	Modify 🗸 🗸	nable 🕒 Disa	ble 🗙 Delete	🔒 Lock Acco	unt 🗗 UnLo	ock Account	Reset Password		
			-	_					
tribut	es Roles En	titlements Account	s Direct Reports	Organizations Ad	min Roles				
Actio	ns 🔻 View 🔻	Request Accou	nts 🧪 Modify Gra	ant Duration	Request Entitlem	ent 🗘 Refresh	🔅 Resource His	tory 🔄	Detach
	Application	Resource	Account Name	Provisioned On	Status	Account Type	Request ID	Start Date	End Da
,	Instance				Provisioned	Primary		4/25/2016	
, .000		OID User	NVEMBAN-IN	4/25/2016	Flovisioneu	(many		4/25/2010	

6.1.1.9 Click on Request Accounts

						Sandboxes	Customize	xelsysadm 👻 🗉
DRACLE	Identity Self S	ervice					Self Servic	e 🎝 Manag
Home Users x User	Details : Nandhakuma	a ×						
🄓 Nandhakum	ar Vemban							
🖉 Modify 🗸 🗸	Enable 🖨 Disat	ble 🗙 Delete	🔒 Lock Acco	unt 🖃 UnLoc	k Account	Reset Password		
y mouny				In Disco	D			
Attributes Roles Er	ntitlements Account	ts Direct Reports	Organizations Ad	min Roles				
Actions 🔻 View 👻	+ Request Account	nts 🧪 Modify Gra	ant Duration 🕂	Request Entitlemen	it 🗘 Refresh	🔅 Resource His	story 🔄	Detach
	Resource	Account Name	Provisioned On	Status	Account Type	Request ID	Start Date	End Da
Application Instance	Resource	nooount numo				Request ib	Start Date	End Da
	OID User	NVEMBAN-IN	4/25/2016	Provisioned	Primary	Request ib	4/25/2016	End Da



6.1.1.10	Click on +	Add to Cart against Oracle FLEXCUBE_	GTC
----------	------------	--------------------------------------	-----

Home Users x User	Details : Nandhakuma × Account	t Access Request ×	Cancel Next		~~>>
	Add Access	Checkout		Nandhakumar	Cart 🚍 Vemban 🂕
Search and select indivi	dual items from the Catalog tab. Se	ts of pre-bundled items of	commonly used in your organiza	ation can be selected from the Request	Profiles tab.
Catalog Request Pro	files				
Search Keyword					
	Search				
Categories	Sort By Display Name 💌]		+ Add Selected to Cart	
Select All	FLEXCUBE_GTC FLEXCUBE_GTC	c		Add to Cart	
ApplicationInstar	OID User OID User			Add to Cart	

6.1.1.11 Click on Next Button

	ity Self Service	Sandboxes Customize xelsysadm -
		Self Service 🎎 Manage
Home Users x User Details :	Nandhakuma x Account Access Request x	
B	Add Access Checkout	Cart 📢 Nandhakumar Vemban 🔒
Search and select individual iter Catalog Request Profiles	ns from the Catalog tab. Sets of pre-bundled items commonly used in	n your organization can be selected from the Request Profiles tab.
Search Keyword Sea	ch	
Categories	Sort By Display Name 💌	+ Add Selected to Cart
Select All	FLEXCUBE_GTC FLEXCUBE_GTC	🕒 🔸 In Cart
ApplicationInstance (2)	OID User OID User	Add to Cart
Copyright © 2001, 2015, Oracle and/or its	affiliates. All rights reserved	

6.1.1.12 Following screen will appear like below:

- b. Click on Details form to edit the user details
- c. Select the Home Branch, User Language, Time Level
- d. Click on Update Button



Note: In case like have a different Oracle FLEXCUBE USERID populated then it can be modified (only during Request Account in Oracle FLEXCUBE), do not modify any other value, which is prepopulated in this screen.

	ntity Self Service				Sandboxes		nize xelsysadm 👻 🚥
lome Users x User Details	: Nandhakuma 🗙 A	ccount Access Req	uest ×				
E	Back O Add Acc	ess Ct	eckout	Cancel	Next	Nandhaku	imar Vemban 🎦
Cart Details ▶ Request Inform	nation					Submit	Save As 🔻
▲ Cart Items Display Name							
FLEXCUBE_G	гс						× o
Request Details FLEXCU	BE_GTC			USERLANGUAGE	ENG	Q	Update
				TIMELEVEL		Q	
objectclass					4/25/2016		
objectclass	NVEMBAN-IN			EMAIL	nandhakumar.vemban@oracle.com		
	NVEMBAN-IN						
USERID	Nandhakumar Vemban			LDAPUSR	cn=NVEMBAN-IN,cn=Users,dc=ofss,dc=		
USERID	Nandhakumar Vemban	6	•	LDAPUSR Service Account			

6.1.1.13 Click on Submit

o 1''	are Hear Date	s : Nandhakuma 🗙 🗛	accurat Accord Rommert			Self Service	
e Us	sers × Oser Detail	s . Narionakuma × A	count Access Request	×			
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	objectclass			STARTDATE			
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	USERNAME	Nandhakumar Vemban		LDAPUSR	_		
	USERPASSWORD	•••••	0	Service Account			
			٩				
	HOMEBRANCH						



6.1.1.14 Click on Refresh in Accounts TAB

אכ	ACLE	Identity Self S	Service				Sandboxes	Self Service	🎝 Manage
ome	Users x User	Details : Nandhakum	Ia x						
🕹 N	andhakuma	ar Vemban							
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6.1.1.15 It will show the Requested Account and It's status

If the status is provisioned then the User is created in the Target Application.

me l	Jsers x User De	tails : Nandhakuma	×						
_	andhakumar	Vomban							
🥒 Me	odify 🛛 🗸 Ena	ble 🔵 Disabl	e 🗙 Delete	🔒 Lock Acco	unt 👩 UnLo	ck Account 🛛 🔊	Reset Password		
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Action	s ▼ View ▼	Request Account	ts 🛛 🧪 Modify Gra	ant Duration	Request Entitleme	nt () Refresh	🐯 Resource Histo	ry 🔄	Detach
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	Instance								
		FLEXCUBE_GTC	24	4/25/2016	Provisioned	Primary		4/25/2016	
		FLEXCUBE_GTC OID User	24 NVEMBAN-IN	4/25/2016 4/25/2016	Provisioned Provisioned	Primary Primary		4/25/2016 4/25/2016	

6.1.2 Modifying a user in FCIS through OIM

6.1.2.1 Navigate to the Accounts TAB>>Select FLEXCUBE_GTC >> Click on Modify Accounts.

- a. After successful provisioning User Details like User Name, User Password, Time Level, User Language and Home Branch can be modified.
- b. Email, LDAP User, Start Date should not be modified.



DRACLE	Identity Self Se	ervice					Self Service	🎝 Mana
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🔓 Nandhakumar	Vemban							
-	-		-	-				
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Modify Final Attributes Roles Entit Actions View V Application	ements Accounts Request Account Resource	Direct Reports	Organizations Ac	dmin Roles y Grant Duration	X Remove Account	ts 🖉 Make Pri	imary	>> >> End Da

6.1.2.2 The following screen is displayed

- a. Modify the data (Any/All of User Name, User Password, Time Level, Home Branch and User Language).
- b. Click on Update Button.
- c. Click on Submit.

				Sandboxe	s Customize xelsysadm	•
ארכ		entity Self Service			Self Service	anage
Home L	Jsers 🗙 User Deta	ils : Nandhakuma 🗙 Modify Account	×			
Modify	Account				Submit Save As	•
🖌 Targ	et Users			Request Informat	tion	
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Nandhak	umar Vemban	0				
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•	FLEXCOBE_G					
Reques	st Details 24@FL	EXCUBE_GTC			Up	date
/	Edit Account	details				
	containerID		HOMEBRANCH	000	٩	
	ID		USERLANGUAGE	ENG	٩,	
	objectclass		TIMELEVEL	7	Q	
	USERID	NVEMBANIN	STARTDATE	4/25/2016		
	USERNAME	Nandhakumar Vemban	EMAIL	nandhakumar.vemban@oracle.com		
			1 LDAPUSR	cn=NVEMBAN-IN,cn=Users,dc=ofss,dc=		



6.1.2.3 Navigate to the Accounts >> Select FLEXCUBE_GTC >> Resource History

אכ	ACLE	ldenti	ty Self Se	rvice					Self Service	💑 Manage
lome	Users × Us	er Details : N	landhakuma.	- ×						
🔒 N	andhakun	nar Vem	ban							
/ N	Nodify 🗸 🗸	Enable	Disable	e 🗙 Delete	🔒 Lock Acco	unt 🖬 Un	Lock Account	Reset Pass	word	
Attribute	es Roles I	Entitlements	Accounts	Direct Reports	Organizations Ad	Imin Roles				
Actio	ns 🔻 View 👻	+ Req	uest Account	s 🧪 Modify Ac	counts 🥒 Modify	Grant Duration	🗙 Remove Account	s 🖉 Mak	e Primary	» »
	Application Instance	Reso	urce	Account Name	Provisioned On	Status	Account Type	Request I	+ Request Entitlement	End Da
	FLEXCUBE_C	TC FLEX	CUBE_GTC	24	4/25/2016	Provisioned	Primary		✓ Enable	
	OID User	OID U	lser	NVEMBAN-IN	4/25/2016	Provisioned	Primary		Disable	•
FLEX	CUBE_GTC E	Detail Informa		E_GTC				C	Refresh Resource History Reset Password	
	D	isplay Name	FLEXCUB	E_GTC					\sim	
		Туре	Application	Instance						
		Category	Application	Instance						
		Description	FLEXCUB	E_GTC						
	Au	dit Objective								
		Risk Leve	Low Risk							
	User	efined Tags								
		prover Use								

6.1.2.4 The following screen is displayed

 Based on the modification done it will show the individual field change status (In case of more than one field like User Name, User Password changes it will show USERNAME Updated, HOMEBRANCH Updated etc.).

sults 1-4 of 4		First Previous Next	Last	
sk Name_	Task Status	Date Assigned	Assigned To	Retry
TIMELEVEL Updated	Completed	April 25, 2016	System Administrator [XELSYSADM]	
Create User	Completed	April 25, 2016	System Administrator [XELSYSADM]	
System Validation	Completed	April 25, 2016	System Administrator [XELSYSADM]	
System Validation	Completed	April 25, 2016	System Administrator [XELSYSADM]	Retr



6.1.3 Disable/Remove Accounts in FCIS through OIM

There is a slight difference between Disable and Remove Accounts option. If the account disabled then the same account can be enabled using the Enable option. If the account is Removed then the account cannot be enabled through OIM. But in FCIS, both Disable and Remove option will close the existing user record.

Remove Accounts will show the Last Known Status

6.1.3.1 Accounts>>Select FLEXCUBE_GTC >>Click on Disable/Remove Accounts

	ser Details : Na	andhakuma.	- ×						
🔓 Nandhaku	nar Vemt	ban							
Nodify 🗸	Enable	Disabl	e 🗙 Delete	🔒 Lock Acco	unt 🖬 UnL	.ock Account 🛛 🐑	Reset Pass	word	
ttributes Roles	Entitlements	Accounts	Direct Reports	Organizations Ad	Imin Roles				
Actions View V	Rem	lest Account		counts 🖉 Modify		X Remove Account	e Ø Mak	e Primary	> >>
Application			Account Name	Provisioned On	Status	Account Type	Request	+ Request Entitlement	End Da
FLEXCUBE	GTC FLEXC	UBE_GTC	24	4/25/2016	Provisioned	Primary			
OID User	OID Us		NVEMBAN-IN	4/25/2016	Provisioned	Primary		Enable	
•								Disable	P.
FLEXCUBE GTC	Detail Informa	tion							
									<u> </u>
	Name	FLEXCUB	E GTC					🔅 Resource History	
			-					Reset Password	
	Display Name								·
I		Application	ninstance						
I	Туре								

6.1.3.2 Disable Confirmation Screen will get displayed

b. Click on Submit.

ORACLE [®] Identity Self Service	Sandboxes Customize xelsysadm v ·····
Home Users x User Details : Nandhakuma x Disable Accounts x	
Disable Accounts	Submit Save As 🔻
▲ Target Users	Request Information
Name	
Nandhakumar Vemban 🕕	
∡ Cart Items	
Display Name	
24@FLEXCUBE_GTC FLEXCUBE_GTC	× 0
Copyright © 2001, 2015, Oracle and/or its affiliates. All rights reserved	



6.1.3.3 Go to Accounts Tab and Click on Refresh

a. On successful processing, it will display the FLEXCUBE_GTC status as Disabled.

RACLE	ldentity Self S	ervice					Self Service	Manage
ome Users x Use	er Details : Nandhakum	a ×						
Nandhakun	Enable Disa	ble 🗙 Delete	🔒 Lock Acco	unt 👩 Unl	ock Account 🔊	Reset Password		
Attributes Roles I	Entitlements Account	ts Direct Reports	Organizations Ad	dmin Roles				
Actions • View •	- Request Accou	ints 🥒 Modify Ac	counts 🧪 Modify	Grant Duration	X Remove Accounts	Make Prima	агу	» »
Application Instance	Resource	Account Name	Provisioned On	Status	Account Type	Request ID	Start Date	End Da
FLEXCUBE_C	STC FLEXCUBE_GTC	24	4/25/2016	Disabled	Primary		4/25/2016	
	OID User	NVEMBAN-IN	4/25/2016	Provisioned	Primary		4/25/2016	
OID User			"	1				4
•	etail Information							
•	Detail Information	BE_GTC						

6.1.4 Enabling a Disabled user in FCIS through OIM

6.1.4.1 Accounts>>Select FLEXCUBE_GTC >>Click on Enable

	ACLE	dentity Self Se	ervice				Sand	boxes Customi	ize xelsysa ervice	dm 🔻 🚥
Home U	Jsers × User De	etails : Nandhakuma	- ×							
🄓 Na	andhakumar	Vemban								
🖉 Mo	odify 🗸 Ena	ble 🕒 Disabl	le 🗙 Delete	🔒 Lock Acco	unt 💣 UnL	ock Account 🛛 🗐) Reset Pass	word		
Attributes	s Roles Entitl	ements Accounts	Direct Reports	Organizations Ad	Imin Roles					
Actions		Request Accoun		-	Grant Duration	X Remove Account	te & Mak	e Primary	»	»
	Application Instance	Resource	Account Name	Provisioned On		Account Type	Request I	. Democratica		End Dar
	FLEXCUBE_GTC	FLEXCUBE_GTC	24	4/25/2016	Disabled	Primary		🗸 Enable		
	OID User	OID User	NVEMBAN-IN	4/25/2016	Provisioned	Primary				
	•			m	1			Disable		P.
FLEXCU	UBE_GTC Detai	Information						(2) Refresh		
								Resource H	listory	
		Name FLEXCUB	E_GTC							
	Disel		E 070					Reset Pass	word	
	Displa	y Name FLEXCUB	E_GIC							
		Type Applicatio	nInstance							



6.1.4.2 Enable Confirmation Screen will get displayed and Click on Submit

	Sandboxes Customize xelsysadm 🔻 🚥
DRACLE' Identity Self Service	Self Service Manage
Home Users x User Details : Nandhakuma x Enable Accounts x	
Enable Accounts	Submit Save As 🔻
⊿ Target Users	Request Information
Name	
Nandhakumar Vemban 🕦	
⊿ Cart Items	
Display Name	
24@FLEXCUBE_GTC FLEXCUBE_GTC	× 0

6.1.4.3 Go to Accounts TAB and Click on Refresh

a. On successful processing, it will display Oracle FLEXCUBE_GTC status as Enabled.

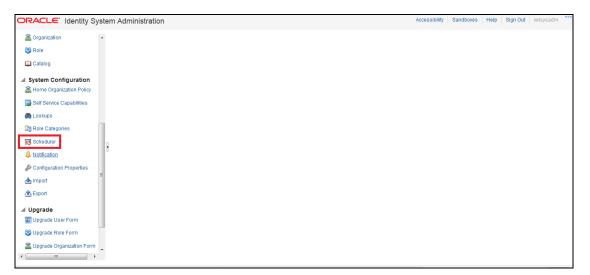
		tails : Nandhakuma						Self Service	Manage
_	landhakumar Modify 🗸 Enal	ble Oisabl	_	🔒 Lock Acco		Lock Account 휜	Reset Password		
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	Application Instance	Request Accoun	ts 🖋 Modify Acc	counts 🖌 Modify Provisioned On	Grant Duration Status Enabled Provisioned	Account Type	- -	Start Date	



6.1.5 Running Reconciliation in OIM

Copy the reconciliation staging file that is created by function id SMBOIMHF as EOD day activity to the OIM server's staging directory.

6.1.5.1 Login to OIM Admin Console and Click on Scheduler under System Management



6.1.5.2 Under System Management tab and search for FLEXCUBE_GTC Scheduled Job by clicking Search Button

Event Management Policies System Management	
Scheduler Notification System Configuration	
Search Scheduled Jobs Welcome	
Advanced Search Welcome to Identity System Admin	istration
Actions • View • / 🕐 💥 😭 Event Hanagement	
Policies Search Approval Policies	
System Hanagement Sourch Scheduled Jobs Search Scheduled Jobs Search System Properties	

a. If the job is scheduled periodically, based on the frequency and scheduled time, system will automatically process the reconciliation. If it not scheduled, user can manually initiate the reconciliation process by clicking the Run Now button.



b. After running the process, click Refresh button to view the status of the initiated job. The job history section available in the screen will show whether the job is in progress or it is completed.

Event Hanagement Policies System H	anagement
Scheduler Notification System Configuration	
Search Scheduled Jobs	Wekome
+	Welcome to Identity System Administration
Advanced Search	
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Actions = View = 🥒 🎴 💥 🛃	
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Enable User After Stopped	
Entitlement Assign Stopped	Search System Properties
Entitlement List Stopped	
Entitlement Post D., Stopped	
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FLEX_BranchCode Stopped	
FLEX UsrLang Sch., Stopped	
FLEXCUBE_GTC Stopped	
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Get SOD Check Re Stopped	
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* Retries	0 Vio pre vennou schedule
Job Periodic Settings	
Run every	1
days 💌	
Job Status	
Current Status Stopped	
Last Run Start April 25, 20	
Last Run End April 25, 20	016 5:35:16 PM IST
Next Scheduled Run	
Parameters	
Connector Name FLEXCUBE	
ITResource FLEXCUBE_	GTC

ORACLE' Identity System Admin	istration	Signed in as xelsysadm Help
Event Management Policies System		
Scheduler Notification System Configuration	Antagemen	
Search Scheduled Jobs	Wekome Job Details	9
•	Job Details : FLEXCUBE_GTC	
Advanced Search		* Indicates required fields. Apply Run Now Stop Enable Disable Refresh
Actions = View = 🥒 🕒 🔀		hereiten bing bing binde bindet hereiten
Job Name Status		
Application Instanc Stopped	Job Information	
Attestation Grace Stopped	Job Name FLEXCUBE GTC (8) Periodic	
Automated Retry Stopped		
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Bulk Load Archival Stopped		
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Catalog Synchroni Stopped		
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Enable User After Stopped		
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Entitlement List Stopped	Current Status Stopped	
Entitlement Post D., Stopped	Lost Run Start April 25, 2016 5:35:15 PM IST	
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PLEXCUBE_GTC Stopped	Parameters	
Form Upgrade Job Stopped	Connector Name (PLEXCURE	
Get SOD Check Re Stopped	TResource PLEXCURE GTC	
Get SOD Check Re Stopped	ITResource PLEXCURE_GTC	
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Identity Audit Sca Stopped	Job history	
Initiate Attestation Stopped		
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Job History Archival Stopped	protection before protections	
LDAPSync Post En Stopped	April 25, 2016 513. April 25, 2016 513. Stopped Success	
LDAPSync Post En Stopped	mpm cay and a rail of the second and a second	



6.1.5.3 To Check the Status of Reconciliation Process, Click on Event Management Tab and Click the Search button and Click on the Latest Event ID. The screen will show the reconciliation data and the user ID matched for the reconciliation.

Vector Special Recordiction Events Normal Same Market Same Market Same Normal Same Market Same Market Same Market Same Normal Same Market Same Market Same Market Same Market Same Normal Same Market Same Market Same Market Same Market Same Market Same Normal Same Market Same			€ Identity System Administ
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Anthuire Name Anthuire Value CDM Napped Field TT Resource 2 S TT Resource 2 UIRSNAME Namodaumar V UIRSNAME STARTDATE April A, 2015 L2D UIRSNAME Namodaumar V UIRSNAME Namodaumar V </td <td></td> <td>Notes</td> <td></td>		Notes	
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USERNAME Nendhalumar Y USERNAME STARTUME April 8, 2016 SLD. STARTUME USERD INVERSION USERD		Attribute Name Attribute Value OIM Mapped Field	
STARTDATE April 8, 2016 12:0 STARTDATE USERID NUERIDN USERD		IT Resource2 5 IT Resource2	
USERID MIEMANIN USERID		USERNAME Nandhakumar V USERNAME	
		STARTDATE April 8, 2016 12:0 STARTDATE	
LOWER AND LOWER AND LOWER AND		USERID INVEMBANIN USERID	
		HOMEBRANCH 000 HOMEBRANCH	
USERLANGUAGE ENG USERLANGUAGE		USERLANGUAGE ENG USERLANGUAGE	
TIMELEVEL 8 TIMELEVEL		TIMELEVEL 8 TIMELEVEL	

In the Event details screen

- a. Check the Status: If it is "Update Succeeded" then it means the reconciliation process was able to find a matching user. It also shows the reconciliation data that has been affected.
- b. If the Liked User is "Not Licked to any user" then it means the reconciliation process was not able to find a matching user.

ORACLE' Identity System Adminis	ration	Signed in as xelsysadm Help
Event Management Policies System Ma	nagement	
Reconciliation		
Search Reconciliation Events	Welcome Event Details: ID 1 Job Details Event Details: ID 21	×
Advanced Search	Reevaluate Event Close Event Ad Hoc Link Refresh	
Actions • View • Event ID ···································	Event Event Event ID 21 Date and Time August 26, 2014 3:02:46 PM Current Status No User Match Found Entity Account Entity Account Type Changelog Profile Name FLEXCUBE_GTC Type Changelog Profile Name FLEXCUBE_GTC Event S Ev	IST
	Notes Reconciliation Data Hatched Accounts Hatched Users History View Attbuts Name Attbuts Value OIM Mapped Field IT Resource2 USERLANGUAGE USERLANGUAGE USERLANGUAGE USERLANGUAGE USERLANGUAGE USERLANGUAGE USERLANGH Anand R USERLANGH STARTDATE Anal 8, 2014 12:0STARTDATE USERLD VIGINAR USERLD	



7. Reference

Document Number	Title
1	Oracle Identity Manager Document.
2	SPML specification Document.



8. Appendix

8.1 Data Source Creation

1. Open the application server console in the browser by typing Console URL of Weblogic application server

http://<hostname>:<port>/console/

- 2. Login to Administrative Console
- 3. Enter Weblogic administrator username/password and press Login.

ORACLE WebLogic Server® 11g Administration Console			
		Log in to work with Username: Password:	Wekome the WebLogic Server domain webLogic

4. Expand Services and click on Data Sources as shown in below screen:

hange Center	1	🏠 Home Log Out Preferences 🔛 Record	Help	Q	Welcome, weblogic Connected to: IDMDomain
view changes and restarts	1.7	Home >Summary of JDBC Data Sources			
Click the Lock & Edit button to modify, add or	5	iummary of JDBC Data Sources			
delete items in this domain.		Configuration Monitoring			
Lock & Edit					
Release Configuration				s database connectivity through a pool of JDBC o	connections. Applications can look up a data source on the JNDI tree and then
Oomain Structure		borrow a database connection from a data			
DMDomain	*	This page summarizes the JDBC data source	e objects that have been o	created in this domain.	
Environment Deployments					
-Services	1	Customize this table			
Messaging Data Sources	E .	Data Sources (Filtered - More Column	is Exist)		
···Persistent Stores		Click the Lock & Edit button in the Change	Center to activate all the	buttons on this page.	
Foreign JNDI Providers		New - Delete			Showing 1 to 10 of 19 Previous Next
···XML Registries					
XML Entity Caches iCOM		🔲 Name 🗞	Туре	JNDI Name	Targets
Mail Sessions		EDNDataSource	Generic	jdbc/EDNDataSource	soa_server1
Fie T3	-	EDNLocalTxDataSource	Generic	jdbc/EDNLocalTxDataSource	soa_server1
łow do I		fcjDevDS	Generic	jdbc/fcjDevDS	Applications
Create JDBC generic data sources		fcjdevDS11	Generic	jdbc/fcjdevDS11	Applications
Create JDBC GridLink data sources		fcjdevDS120	Generic	jdbc/fcjdevDS120	Applications
Create JDBC multi data sources		FCUBS	Generic	jdbc/fcjdevDS	AdminServer, Applications
Delete JDBC data sources		FCUBS120_XA	Generic	jdbc/fcjdevDS120_XA	Applications
Delete JDBC multi data sources		FCUBSScheduler	Generic	jdbc/fcjSchedulerDS	Applications
ystem Status		jdbc/registryDS	Generic	jdbc/registryDS	wls_ods1, wls_oif1, osr_server1
lealth of Running Servers		mds-oim	Generic	jdbc/mds/MDS_REPOS	oim_server1
		New ~ Delete			Showing 1 to 10 of 19 Previous Next
Failed (0) Critical (0)					
Overloaded (0)	1-				
Warning (0)					
OK (5)					



5. Click on Lock & Edit as shown below.

ORACLE WebLogic Server®	Administration Console			Q				
Change Center	Home Log Out Preferences 🔤 Record He	lp	Q	Welcome, weblogic Connected to: IDMDomain				
View changes and restarts	Home >Summary of JDBC Data Sources							
Click the Lock & Edit button to modify, add or delete items in this domain.	Summary of JDBC Data Sources Configuration Monitoring							
Lock & Edit Release Configuration	A JDBC data source is an object bound to the J borrow a database connection from a data sour		database connectivity through a pool of JDBC cor	nections. Applications can look up a data source on the JNDI tree and then				
Domain Structure	This page summarizes the JDBC data source ob	iects that have been cr	eated in this domain					
IDMOmain ▲ ⊕ Environment ⇔ Deployments ⊖ Services ⊕ -Messaging ⊨-Data Sources E	 Customize this table Data Sources (Filtered - More Columns Ex 							
Persistent Stores	Click the Lock & Edit button in the Change Cer	iter to activate all the b	uttons on this page.					
Foreign JNDI Providers Work Contexts XML Registries	New ~ Delete			Showing 1 to 10 of 19 Previous Next				
XML Entity Caches	🔲 Name 🗇	Туре	JNDI Name	Targets				
jCOM Mail Sessions	EDNDataSource	Generic	jdbc/EDNDataSource	soa_server1				
File T3	EDNLocalTxDataSource	Generic	jdbc/EDNLocalTxDataSource	soa_server1				
How do I	fcjDevDS	Generic	jdbc/fcjDevDS	Applications				
Create JDBC generic data sources	fcjdevDS11	Generic	jdbc/fcjdevDS11	Applications				
Create JDBC GridLink data sources	fcjdevDS120	Generic	jdbc/fcjdevDS120	Applications				
Create JDBC multi data sources	FCUBS	Generic	jdbc/fcjdevDS	AdminServer, Applications				
Delete JDBC data sources	FCUBS120_XA	Generic	jdbc/fcjdevDS120_XA	Applications				
Delete JDBC multi data sources	FCUBSScheduler	Generic	jdbc/fcjSchedulerDS	Applications				
System Status	jdbc/registryDS	Generic	jdbc/registryDS	wls_ods1, wls_oif1, osr_server1				
System status	mds-oim	Generic	jdbc/mds/MDS_REPOS	oim_server1				
Health of Running Servers Failed (0) Critical (0) Overloaded (0) Warning (0) OK (5)	New > Delete			Showing I to 10 of 19 Previous Next				

6. Expand New and click on Generic Data Source.

hange Center	Hor	me Log Out Pre	ferences 📐 Record Help		Q	Welcome, weblogic Connected to: IDMD
view changes and restarts	Home	>Summary of JI	BC Data Sources			
lo pending changes exist. Click the Release		ary of JDBC Da	ta Sources			
Configuration button to allow others to edit the omain.	Confid	guration Mor	itoring			
Lock & Edit	conny	guration rio				
		no data anno 1	an altraction of the site water	teres the teres of the	deteless and the threads a set of 200	C connections. Applications can look up a data source on the JNDI tree and then
Release Configuration			nnection from a data source.	tree that provides	patabase connectivity through a pool of JDB	c connections. Applications can look up a data source on the JNUI tree and then
omain Structure	Thie	naga summarizes	the JDBC data source objects	that have been or	ested in this domain	
	A	page autimatizes	are sobre data addree objecta	alachave been a	concern and content.	
Environment		tomize this tab				
Deployments	₩ Cusi	tomize this tat	le			
-Services	Data	Sources (Filte	red - More Columns Exist)			
Data Sources	≡ Ner	w 🗸 Delete				Showing 1 to 10 of 19 Previous Ne
Persistent Stores Foreign JNDI Providers	Ger	neric Data Source	1	_		
Work Contexts		dLink Data Source		Туре	JNDI Name	Targets
XML Registries		lti Data Source		Generic	jdbc/EDNDataSource	soa_server1
XML Entity Caches iCOM			purce	Generic	jdbc/EDNLocalTxDataSource	soa_server1
Mail Sessions		fcjDevDS		Generic	jdbc/fcjDevDS	Applications
File T3		fcjdevDS11		Generic	jdbc/fcjdevDS11	Applications
ow do I		fcjdevDS120		Generic	jdbc/fcjdevDS120	Applications
Create JDBC generic data sources		FCUBS		Generic	jdbc/fcjdevDS	AdminServer, Applications
Create JDBC GridLink data sources		FCUBS120_XA		Generic	jdbc/fcjdevDS120_XA	Applications
Create JDBC multi data sources		FCUBSScheduler		Generic	jdbc/fcjSchedulerDS	Applications
Delete JDBC data sources		jdbc/registryDS		Generic	jdbc/registryDS	wls_ods1, wls_oif1, osr_server1
Delete JDBC multi data sources		mds-oim		Generic	jdbc/mds/MDS_REPOS	oim_server1
	Ner	w 🗸 🛛 Delete				Showing 1 to 10 of 19 Previous Ne
	-					storing to to or 15 Thereas Inc
ealth of Running Servers						
Failed (0)						
Critical (0)						
Overloaded (0)						
Warning (0)						

The following screen will get displayed.

Enter the Data Source Name and JNDI Name as mentioned in the <FCIS Release Name>\ADAPTERS\OIM\FCUBSLOVAdService\config\lookup_prop.xml \rightarrow value of the key FCUBS_CON_POOLNAME.



For example value of the key FCUBS_CON_POOLNAME is OIM then:

Oracle

Name OIM

JNDI Name jdbc/OIM

Database Type

ORACLE WebLogic Server®	Administration Console	
Change Center	🟠 Home Log Out Preferences 🖾 Record Help	Welcome, weblogic Connected to: IDMDoma
View changes and restarts	Home >Summary of JDBC Data Sources	
No pending charge exist. Club the Release Configuration batton to allow others to edit the domain. Lock & Edit Release Configuration Domain Structure Differents Depolyments Dets Sources Frequents Performen	Create a New JDBC Data Source Back Net Presh Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data "Indicates required fields "Indicates required fields "Indicates required fields What would you like to name your new JDBC data source? @@ * Name: OIM "OIM What JNDI name would you like to assign to your new JDBC Data So @@ JNDI Name: jdbc/OIM "	
How do I		
Create JDBC generic data sources Create LLR-enabled JDBC data sources System Status Health of Running Servers	What database type would you like to select? Database Type: Back Next Finish Cancel	•
Failed (0) Ortical (0) Overloaded (0) Warning (0) OK (5)		

The following screen will get displayed. Select Database Driver as Oracle's Driver (Thin) for Instance connections: Versions 9.0.1 and later. Click on Next.

ORACLE WebLogic Server® Administration Console				
Change Center	🟦 Home Log Out Preferences 🖾 Record Help			
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Ned Presh Cancel JDBC Data Source Properties The following properties will be used to identify your new JDBC data source.			
Domain Structure IDMOmain	Database Type: Orade What database driver would you like to use to create database connections? Note: * indicates that the driver is explicitly supported by Oracle WebLogic Server. Database Driver: *Oracle's Driver (Thin) for Instance connections; Versions:9.0.1 and later Back Ned Detabase Driver: Cancel			
How do I				
Create JDBC generic data sources Create LLR-enabled JDBC data sources				
System Status Health of Running Servers				
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (5)				



We get the following screen in which un-check Supports Global Transactions and click on Next.

ORACLE WebLogic Server®	Administration Console
Change Center	🏦 Home Log Out Preferences 🖂 Record Help 🛛 🔍 Welcome, weblogic Connected to: IDMDomain
View changes and restarts	Home >Summary of JDBC Data Sources
No pending changes exist. Click the Release Configuration button to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Ned Pnith Cancel Transaction Options You have selected non XA JDBC driver to create database connection in your new data source.
Domain Structure	Does this data source support global transactions? If yes, please choose the transaction protocol for this data source.
IDMDomain	Supports Global Transactions
B-Services ⊕-Messaging Data Sources ■	Select this option if you want to enable non XA IDBC connections from the data source to participate in global transactions using the Lagging Last Resource (LLR) transaction optimization. Recommended in place of Emulate Two-Phase Commit.
Persistent Stores Foreign JNDI Providers	Cogging Last Resource
Work Contexts XML Registries XML Entity Caches	Select this option if you want to enable non-XA JDBC connections from the data source to emulate participation in global transactions using JTA. Select this option only if your application can tolerate heuristic conditions.
jCOM Mail Sessions	
How do L	Select this option if you want to enable non-XA JDBC connections from the data source to participate in global transactions using the one-phase commit transaction processing. With this option, no other resources can participate in the global transaction.
Create JDBC generic data sources	One-Phase Commit
Create LLR-enabled JDBC data sources	Back Next Finish Cancel
System Status	
Health of Running Servers	
Failed (0) Critical (0) Overloaded (0) Warning (0)	
OK (5)	

The following screen will get displayed. Enter the Database Name, Host Name, Port, Database User Name, Password and Confirm Password. Click on Next.

ORACLE WebLogic Server® Administration Console				
Change Center	🔒 Home Log Out Preferences 🔤 Record Help		Welcome, weblogic Connected to: IDMDomain	
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration buttion to allow others to edit the domain. Lock & Edit Release Configuration	Create a New JDBC Data Source Back Ned Printh Cancel Connection Properties Define Connection Properties.			
Domain Structure	What is the name of the database you would like to connect to?			
IDMDomain	Database Name:			
Services Hessaging	What is the name or IP address of the database server?			
Data SourcesDersistent StoresForeign JNDI Providers	Host Name:			
Work Contexts	What is the port on the database server used to connect to the database?			
XML Registries XML Entity Caches jCOM	Port:	1521		
Mail Sessions	What database account user name do you want to use to create database connections?			
How do I	Database User Name:			
Create JDBC generic data sources What is the database account password to use to create database connections?				
System Status	Password:			
Health of Running Servers	Confirm Password:			
Failed (0) Critical (0) Overloaded (0) Warning (0)	Back Ned Frith Cancel			
OK (5)				

The following screen will get displayed. Click on 'Test Configuration'.



It will display "Connection test succeeded" as shown below. If it is not getting displayed then verify the correctness of all data source properties entered. Click on Finish button.

	dministration Console		Q	
Change Center	🚹 Home Log Out Preferences 🔤 Record Help	Q	Welcome, weblogic Connected to: IDMDomain	
View changes and restarts	Home >Summary of JDBC Data Sources			
No pending changes exist. Click the Release Configuration button to allow others to edit the domain.	Messages Connection test succeeded.			
Lock & Edit	Create a New JDBC Data Source			
Release Configuration	Test Configuration Back Next Finish Cancel			
Domain Structure	Test Database Connection			
IDMDomain	Test the database availability and the connection properties you provi	ided.		
Environment Deployments	What is the full package name of JDBC driver class used to create database connections in the connection pool?			
-Services Dessaging	ervices Diota that this driver dare much is in the descent of any service to which it is dedowed)			
Data Sources Persistent Stores Foreign JNDI Providers Work Contexts	Driver Class Name:	oracle.jdbc.OracleDriv		
	URL:	jdbc:oracle:thin:@10.18		
How do I	What database account user name do you want to use to create database connections?			
How do I Create JDBC generic data sources	Database User Name:	DAY0114		
Create LLR-enabled JDBC data sources	What is the database account password to use to create database connections?			
System Status	(Note: for secure password management, enter the password in the Pa	issword field instead of the Properties field below)		
Health of Running Servers				
Failed (0)	Password:	•••••		
Critical (0)	Confirm Password:			
Overloaded (0)	commin rassword.	•••••		
Warning (0) OK (5)	g (0) What are the properties to the JDBC driver when creating database connections? Properties:			
	user=DAY0114			
	The set of driver properties whose values are derived at runtime from t	he named system property.		

The following screen will get displayed. Click on Activate Changes.

	Adminis	tration Console			Q
Change Center	🙆 н	ome Log Out Preferences 🔤 Record Help		Q	Welcome, weblogic Connected to: IDMDomain
View changes and restarts	Home >Summary of JDBC Data Sources				
Pending danges exist. They must be activated to take effect.					
Domain Structure IDMDomain B-Environment	borrow a database connection from a data source. borrow a database connection from a data source. This page summarizes the JDBC data source objects that have been created in this domain.				
DeploymentsServicesMessaging	Customize this table Data Sources (Filtered - More Columns Exist)				
Data Sources Persistent Stores Foreign JNDI Providers		ew v Delete			Showing 1 to 10 of 20 Previous Next
Work Contexts		Name 🗇	Туре	JNDI Name	Targets
XML Registries		EDNDataSource	Generic	jdbc/EDNDataSource	soa_server1
јСОМ		EDNLocalTxDataSource	Generic	jdbc/EDNLocalTxDataSource	soa_server1
Mail Sessions		fcjDevDS	Generic	jdbc/fcjDevDS	Applications
How do I		fcjdevDS11	Generic	jdbc/fcjdevDS11	Applications
		fcjdevDS120	Generic	jdbc/fcjdevDS120	Applications
Create JDBC generic data sources		FCUBS	Generic	jdbc/fcjdevDS	AdminServer, Applications
Create JDBC GridLink data sources Create JDBC multi data sources		FCUBS120_XA	Generic	jdbc/fcjdevDS120_XA	Applications
Delete JDBC data sources		FCUBSScheduler	Generic	jdbc/fcjSchedulerDS	Applications
Delete JDBC multi data sources		jdbc/registryDS	Generic	jdbc/registryDS	wls_ods1, wls_oif1, osr_server1
		mds-oim	Generic	jdbc/mds/MDS_REPOS	oim_server1
System Status	N	ew v Delete		1	Showing 1 to 10 of 20 Previous Next
Health of Running Servers					
Failed (0) Critical (0) Overloaded (0) Warning (0) OK (5)					





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