Oracle® Banking Platform Collections

User Provisioning Guide Release 2.6.2.0.0 E95189-01

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Oracle Banking Platform Collections User Provisioning Guide, Release 2.6.2.0.0

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Contents

Preface	12
Audience	12
Documentation Accessibility	
Organization of the Guide	12
Related Documents	13
Conventions	13
1 About this Guide	
2 Introduction	17
3 Configuration	19
3.1 Prerequisites	19
3.2 Create OBP Collections System User	21
3.3 OIM Configuration	21
3.3.1 Configure Collections Jar files	21
3.3.2 Configure Collections User Groups	22
3.3.3 Collection Sandbox	
3.3.3.1 Create Sandbox	
3.3.3.2 Activate Sandbox	
3.3.3.3 Deactivate Sandbox	
3.3.3.4 Publish Sandbox	
3.3.4 Import Collections Configuration	31
3.3.5 Verify and Override Date Format Lookup	
3.3.6 Add Process Trigger	
3.3.7 Create Collections Role	43
3.3.8 Create Access Policy	

	3.3.9 Create Form Associated with Application Instance	. 61
	3.3.10 Create Application Instance	.65
	3.3.11 Security Configuration	73
3	3.4 OBP-Collections Configuration	76
4 l	Jser Fields and Constraints	.79
2	1.1 User Fields Provisioned From OIM	. 79
5 F	Functional Flow	. 81
5	5.1 Add Users in Collections	.81
5	5.2 Modify Users in Collections	93
5	5.3 Delete Users in Collections	101
6 \	/erification	105
6	6.1 Verification of OIM Configuration	105
6	6.2 Verify Users in Native Collections	106
6	6.3 Create Users in Collections	108

List of Tables

Table 3–1 OBP Collection Connection Parameters	
Table 3–2 Collection Jar files	21
Table 3–3 Create Sandbox Parameters	
Table 3–4 Collections User Provisioning Artifacts	
Table 3–5 List of variables	41
Table 3–6 Code Key details	
Table 3–7 UD_COLL_USR process form fields	64
Table 4–1 OBP Collections User Fields	79
Table 5–1 Response Codes for a Rejected Create User Task	89
Table 5–2 Tasks involved while modifying User fields	
Table 6–1 OID schema attributes	105

List of Figures

Figure 3–1 Search and Select - Lookup Type	
Figure 3–2 Search and Select - Lookup Type	23
Figure 3–3 Create Lookup Type - Clicking icon	24
Figure 3–4 Create Lookup Type - Dialog box	24
Figure 3–5 Enter Lookup Values	25
Figure 3–6 Edit Lookup Type	25
Figure 3–7 Lookup Type Creation	
Figure 3–8 Oracle Identity System Administration - Sandbox tab	27
Figure 3–9 Manage Sandbox	27
Figure 3–10 Create Sandbox	27
Figure 3–11 Create Sandbox Dialog Box	
Figure 3–12 Create Sandbox Parameters	
Figure 3–13 Sandbox Creation Confirmation	
Figure 3–14 Available Sandbox	29
Figure 3–15 Activate Sandbox	29
Figure 3–16 Activate Sandbox: Active	29
Figure 3–17 Deactivate Sandbox	
Figure 3–18 Post Deactivating Sandbox	
Figure 3–19 Publish Sandbox	
Figure 3–20 Published Sandbox	
Figure 3–21 System Management - Import	32
Figure 3–22 Deployment Manager - Import Screen	32
Figure 3–23 Deployment Manager - File Preview Dialog Box	
Figure 3–24 Deployment Manager - Cancel Substitution Dialog Box	

Figure 3–25 Deployment Manager - IT Resource Instance Data	34
Figure 3–26 Deployment Manager - Skip Parameter Value	34
Figure 3–27 Deployment Manager - View Selections	35
Figure 3–28 Deployment Manager - Import	
Figure 3–29 Import Confirmation	
Figure 3–30 Import Confirmation Dialog Box	
Figure 3–31 Entering Lookup Value	37
Figure 3–32 Lookup Types Criteria Match	
Figure 3–33 Oracle Identity System - System Administration	
Figure 3–34 Search and Select - Lookup Type	
Figure 3–35 Search Lookup Type	40
Figure 3–36 Edit Lookup Type	40
Figure 3–37 Adding a Lookup Type	41
Figure 3–38 Edit Lookup Types	42
Figure 3–39 Verifying Process Task Name	43
Figure 3–40 Oracle Identity Self Service	43
Figure 3–41 Create Role	44
Figure 3–42 Create Role - Values	44
Figure 3–43 Create Role - Attributes Tab	45
Figure 3–44 Create Role - Members Tab	45
Figure 3–45 Create Role - Add Rule	45
Figure 3–46 Create Role - Build Expression	46
Figure 3–47 Create Rule - Add	46
Figure 3–48 Create Rule - Select Operand Values	47
Figure 3–49 Create Rule - Build Expression	47
Figure 3–50 Create Rule - Build Expression Updated	

Figure 3–51 Create Access Policy - Access Policies	49
Figure 3–52 Create Access Policy	49
Figure 3–53 Create Access Policy - Continue	
Figure 3–54 Create Access Policy - Select Resources	51
Figure 3–55 Create Access Policy - Selected Resource	51
Figure 3–56 Create Access Policy - Select Resource	52
Figure 3–57 Select Resources - Process Details	52
Figure 3–58 Selecting Instance Name	53
Figure 3–59 Create Access Policy - Server Instance	54
Figure 3–60 Create Access Policy - Select Revoke or Disable Flag	54
Figure 3–61 Create Access Policy - Continue	
Figure 3–62 Create Access Policy - Add	
Figure 3–63 Create Access Policy - Select Roles	56
Figure 3–64 Create Access Policy - Verify Access Policy Information	56
Figure 3–65 Identity Self Service- Manage Tab	57
Figure 3–66 Roles Tab	
Figure 3–67 List of Roles	58
Figure 3–68 Access Policy	
Figure 3–69 Add Access Policy	59
Figure 3–70 Search Access Policy	59
Figure 3–71 Add Selected Policy	60
Figure 3–72 Apply Policy	60
Figure 3–73 Verify Policy	61
Figure 3–74 Create Form - Form Designer	62
Figure 3–75 Create Form - Resource Type	62
Figure 3–76 Create Form - Resource Type (Collection User)	63

Figure 3–77 Create Form Resource Type - Available Form Fields	63
Figure 3–78 Create Form Resource Type - Create	64
Figure 3–79 Manage Collections User Form	65
Figure 3–80 Creating Application Instance	65
Figure 3–81 Creating Application Instance - Search	66
Figure 3–82 Creating Application Instance - Delete	66
Figure 3–83 Creating Application Instance - Confirm Delete	67
Figure 3–84 Creating Application Instance - Delete Message	67
Figure 3–85 Creating Application Instance - System Management Tab	67
Figure 3–86 Creating Application Instance - Predefined Scheduled Jobs	68
Figure 3–87 Creating Application Instance - Mode Selection (Delete)	69
Figure 3–88 Creating Application Instance - Mode Selection (Revoke)	70
Figure 3–89 Creating Application Instance - Catalog Synchronization	71
Figure 3–90 Creating Application Instance - Create	71
Figure 3–91 Creating Application Instance - Attributes Tab	72
Figure 3–92 Creating Application Instance - Save	73
Figure 3–93 Creating Application Instance - Created Successfully	73
Figure 3–94 Create Lookup Type	74
Figure 3–95 Farm_OIM Domain	75
Figure 3–96 OIM Domain - Create Key	76
Figure 3–97 Collections Configuration	77
Figure 4–1 Create User - Mandatory and Optional Attributes	80
Figure 5–1 Oracle Identity Self Service Login Screen	81
Figure 5–2 OID User Screen	82
Figure 5–3 Create User Screen	82
Figure 5–4 Search and Select Organization	83

Figure 5–5 Create User	84
Figure 5–6 User Created	
Figure 5–7 Verifying User name	
Figure 5–8 View Account Summary	
Figure 5–9 Modifying Account	
Figure 5–10 Selecting Collections User Group	
Figure 5–11 Submitting Request	88
Figure 5–12 Viewing Updated User Details	88
Figure 5–13 Viewing User Provisioning Tasks	
Figure 5–14 Task Details	90
Figure 5–15 Status of User Provisioning to Collections	91
Figure 5–16 Open Provisioning Tasks	92
Figure 5–17 Manual Completion - Create User Provisioning Task	93
Figure 5–18 Searching User	
Figure 5–19 Detailed Information about the User	
Figure 5–20 Modify User Confirmation	95
Figure 5–21 Viewing Modified and Provisioned User Details	95
Figure 5–22 Catalog page	
Figure 5–23 Submitting Request	96
Figure 5–24 Viewing Changes	97
Figure 5–25 Viewing User Provisioning Task	
Figure 5–26 User Provisioning Status	
Figure 5–27 Failed provisioning tasks	
Figure 5–28 Task confirmation dialog box	100
Figure 5–29 Manual Completion - Create User Provisioning Task	102
Figure 5–30 Searching Users To Delete	

Figure 5–31 View User Details	103
Figure 5–32 Delete User Screen	103
Figure 6–1 Viewing IT Resource Details and Parameters	105
Figure 6–2 OBP Collections Native Login screen	106
Figure 6–3 User Screen - User Navigation	107
Figure 6–4 User Screen - Main Tab	107
Figure 6–5 Searching Particular User	108
Figure 6–6 Search Result in User screen	108
Figure 6–7 OBP Collections Native Login screen	109
Figure 6–8 OBP Collections native - User Navigation	109
Figure 6–9 OBP Collections native - Main Tab	110
Figure 6–10 User Screen	111

Preface

This document covers the detailed configuration of OIM that is required to integrate with Collections.

Also, it covers functional flow and detail configuration required for user provisioning in Collections on default OIM installation. OIM Reconciliation and Schedule jobs are not in scope.

This preface contains the following topics:

- Audience
- Documentation Accessibility
- Organization of the Guide
- Related Documents
- Conventions

Audience

This document is intended for the following:

- IT Deployment Team
- Consulting Staff
- Administrators

Documentation Accessibility

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Organization of the Guide

This document contains:

Chapter 1 About this Guide

This chapter provides details about the applicability of this guide.

Chapter 2 Introduction

This chapter presents an overview of user provisioning.

Chapter 3 Configuration

This chapter provides information on configuring OIM for OBP Collections.

Chapter 4 User Fields and Constraints

This chapter provides information on the user provisioning fields and related constraints.

Chapter 5 Functional Flow

This chapter provides information on user provisioning activities.

Chapter 6 Verification

This chapter provides information on verification of OIM configuration performed.

Related Documents

For more information, see the following documentation:

 For information on the configuration that should be performed on day zero, see the Oracle Banking Platform Collections Day Zero Setup Guide.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
monospace	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

1 About this Guide

This guide is applicable for the following products:

- Oracle Banking Platform
- Oracle Banking Enterprise Collections

References to Oracle Banking Platform or OBP in this guide apply to all the above mentioned products.

2 Introduction

In Oracle Banking Platform (OBP), users are maintained in a centralized repository called Oracle Internet Directory (OID), which is used for authentication and authorization purpose.

OBP Collections module has its own authentication and authorization process. Users configured in the OBP require access to some of the services of Collections. To access those services, user must be present in the Collections database. Hence, the user provisioned in OBP is required to be provisioned in Collections module as soon as it is created in OBP. A typical Collections request flow from online OBP user is authenticated and authorized by the OBP framework and is forwarded to the Collections module. Collections uses the user detail to create context to fetch underline service to serve the request.

Oracle Identity Manager (OIM) is used to provision users in Collections when they are created in OBP.

3 Configuration

This chapter details the configuration required for Oracle Identity Manager (OIM).

3.1 Prerequisites

Following is the list of prerequisites for configuring OIM:

- 1. You must install the following software:
 - Weblogic Server 12.2.1.2.0
 - SOA Suite 12.2.1.2.0
 - IAM Suite 11gR2 PS2 (11.1.2.3.0)
 - RCU 12.1.0.2.0
- 2. You must have administrative access to the following:
 - OIM Design Console
 - Oracle Identity System Administration http://<Host>:<Port>/sysadmin/
 - Oracle Identity Self Service http://<Host>:<Port>/identity/
 - Oracle Directory Services Manager (ODSM). For more information, see Chapter 6.1 Verification of OIM Configuration.
- 3. URL of OID to which OIM is synchronized is known. Also, must have administrative access to ODSM to connect OID.
- 4. Values of following fields are known:

Table 3–1 OBP Collection Connection Parameters

Field Name	Value	Descrip tion
webserviceUrl	http:// <host>:<port>/com.ofss.fc.webservice/services/collection/ORMBUs erProvisioningApplicationService Where Host & Port: IP and Port of HOST Server where OBP Collections is deployed.</port></host>	Host server webserv ice URL pointing to Collectio ns (ORMB) User Provisio ning service
sessionUserId	OBP Administrative user having access to Collections services. Also, same User must be present in Collections (ORMB) database as Administrative User.	

Field Name	Value	Descrip tion
bankCode		Bank Code
transactionBra nch		Transact ion Branch
channel		Channel
marketEntity		Market Entity
businessUnit		Busines s Unit
isSecurityEna bled	true/false	This flag is used to enable security through OWSM policies. Provide value based on environ ment configur ation.
securityParam Lookup		Lookup containi ng client security policy propertie s in the form of key and value. Provide values as per client policy configur ed.
securityPolicy		Client security policy name as per service policy configur ed.

- 5. Check following artifacts are available as part of Collections release bundle:
 - com.ofss.fc.extxface.wsdl.client.jar
 - com.ofss.fc.extxface.oim.jar
 - collections_oim_export.xml

3.2 Create OBP Collections System User

The following configuration is to create Collections System User for OIM. System User is required to authenticate OIM Collections user provisioning request at OBP server.

Note

It is assumed OBP default User and Role (Application Role Enterprise Role) configuration is already seeded in OID.

- 1. Create user with User Id **OIMOBPCOLL** using ODSM. Provide necessary User attributes.
- 2. Assign enterprise Role Administrators to User.
- Create same user in Collections using Collections native admin UI. Assign CLNHOSTUSER Group to User, to provide minimum access of Collections native admin screen. For more information, see {Color}Section 6.3, "Create Users in Collections."{Default ¶ Font}

3.3 OIM Configuration

This section provides information on OIM Configuration.

3.3.1 Configure Collections Jar files

Below is sample configuration for OIM JavaTask and ThirdParty jar. Copy below listed Collections jars for user provisioning to the specified location.

Artifact	Location	Description			
com ofen fo ovtyfano wad	<idm_ HOME>/server/apps/oim ear/APP-INF/lib</idm_ 	Web service client to invoke Collections servic to provision User. It should be treated as ThirdParty OIM jar .			
I.client.jar	<idm_ HOME>/server/ThirdPart y</idm_ 	To ensure Collections java files exists, explode jar and check if package structure com\ofss\fc\extxface\app\collection\service\u serprovisioning is present.			
com ofos fo ovtvfaso cim	<idm_< td=""><td>This jar file contains java class to create, update and delete User. It should be treated as OIM JavaTask jar.</td></idm_<>	This jar file contains java class to create, update and delete User. It should be treated as OIM JavaTask jar .			
jar	HOME>/server/JavaTas ks	To ensure Collections java files exists, explode jar and check if package structure com\ofss\fc\extxface\oim\collection is present.			

Table 3–2 Collection Jar files

3.3.2 Configure Collections User Groups

As part of day zero configurations, administrators must add all Collections User Group to lookup definition LOOKUP.ORMB.USER.GROUPS in OIM, except Collections default User Group.

To know more about day zero configuration, see Oracle Banking Platform Collections Day Zero Setup Guide.

1. Log in to Oracle Identity System Administration. In the left pane, under Configuration, click **Lookups**.

Figure 3–1 Search and Select - Lookup Type

ORACLE' Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xeisysadm	Q
System Management Scheduler System Configuration System Configuration System Configuration System Configuration The Diport Diport Diport Diport						

The Search and Select: Lookup Type window is displayed.

earch and Se	elect: Lookup T	уре							
Course									
≥ Sedrui									
Match 🔘 A	II 🔘 Any					 	 		
Meaning									
Code									
Description									
								Court	Devet
						 	 _	Search	Reset
•									•
P 2									
Meaning	Cod	le la	Description	1					
Lookup Va	lues								
Meaning	Coo	le	Enabled	Sequence	Description				
No data to dis	play.								
								OK	<u>C</u> ancel

Figure 3–2 Search and Select - Lookup Type

2. Click **Create Lookup Type** icon on the toolbar. The **Create Lookup Type** dialog box is displayed.

Figure 3–3 Create Lookup Type - Clicking icon

iearch and Select: L	ookup Type						
≤Search							
Match 💿 All 🔘 An	iy						
Meaning							
Code							
Description							_
						Search	Reset
•			111				+
P /							
Meaning	Code	Description					
Lookup Values							
Meaning	Code	Enabled S	Sequence	Description			
No data to display.							
						OK	<u>C</u> ancel

Figure 3–4 Create Lookup Type - Dialog box

Create Lookup Type			
* Meaning	Description		
* Code			
Lookup Codes			
View 🗸 📑 💥 🛃 Detach			
* Meaning * Code En	abled Sequence	Description	
Click Create to add a lookup code.			
		Save Cancel	

- 3. Specify the following values:
 - Meaning: LOOKUP.ORMB.USER.GROUPS
 - Code: LOOKUP.ORMB.USER.GROUPS

• **Description:** Collections User Groups

Figure 3–5 Enter Lookup Values

Create Looku	р Туре				
* Meaning	LOOKUP.ORMB.USER.GROUP	S	Description	Collections User Groups	
* Code	LOOKUP.ORMB.USER.GROUP	S			
Lookup Co	des				
View 👻	X Petach				
* Meaning	* Code	Enabled	Sequence	Description	
					Save Cancel

- 4. In the Lookup Codes section, click the **Create Lookup Code** icon. A row is added to the Lookup Codes section in which you can specify valid Collections ORMB User Group in **Meaning** and **Code**.
 - Meaning: C1_BSERVICES (This is a sample value, add values provided).
 - **Code:** C1_BSERVICES (This is a sample value, add values provided).
 - **Enabled**: Select the check box if you want to enable the lookup code.
 - Sequence: Number to specify a sequence for the lookup code. A lower number indicates higher priority. For example, 1 indicates highest priority

Figure 3–6 Edit Lookup Type

Edit Lookup T	ype					
* Meaning	LOOKUP.ORMB.USER.GROUP	s	Description	Collections User Groups		
Code	LOOKUP.ORMB.USER.GROUP	s			.:1	
Lookup Coo	des					
View -	🕒 🔀 📑 Detach					
* Meaning	* Code	Enabled	Sequence	Description		
C1_BSERVIC	ES C1_BSERVICES	Image: A start and a start	1			
						court la court l
						Save Cancel

5. Similarly, repeat steps (step 4) to create as many lookup codes you want. To remove a lookup code, you can select the row for the code and click the Remove Lookup Code icon.

Note

Code should be a valid Collections User Group, else it would be treated as invalid while provisioning. The value in the Meaning field will be shown to user on Create User form.

6. Click **Save**. The lookup type is created.

Figure 3–7 Lookup Type Creation

Search and Select: Look	ир Туре													
≤Search														
Match 💿 All 🔘 Any														
Meaning										_	_	_	_	
Code							 	 			_	_	_	-
Description														-
Description														
										Seard	h	Re	eset	:
•									-					۴
P /														
Meaning	Code	Description	1											
Audit.UserProfile.CustomP	Audit.UserProfile.Cus													
Catalog Risk Level	Lookup.Catalog.Risk.												(
Global.Lookup.Language	Global.Lookup.Langua													
Global.Lookup.Region	Global.Lookup.Region													
LOOKUP.ORMB.USER.GRO	LOOKUP.ORMB.USER	Collections	User Group	lps										
Lookup.ACT_PROCESS_T	RLookup.ACT_PROCES													
Lookup.Adapter Factory.	Lookup.Adapter Fact													Ŧ
												_	-	-
LOOKUP.ORMB.USE	R.GROUPS: Lookuj	o Values												
Meaning	Code	Enabled	Sequence	e Descript	ion									
C1_BSERVICES	C1_BSERVICES	 Image: A set of the set of the												٦
											<u>K</u>	Ca	ince	9

Note

- Lookup definition LOOKUP.ORMB.USER.GROUPS values can be imported or exported using OIM Deployment Manager, useful when migrating from one environment to other.
- Restart of OIM server is required after updating the lookup definition.

3.3.3 Collection Sandbox

Following is configuration to create, activate, deactivate, and publish sandbox.

1. Click Sandboxes. Manage Sandboxes page is displayed.

Figure 3–8 Oracle Identity System Administration - Sandbox tab

ORACLE Identity System Administration	Accessibility	Sandboxes Help	Sign Out	xelsysadm	0
Event Management State Stat					
Policies Approval Policies Access Policies Access Policies Access Policies Access Policies					
Image: Assertion Policy Image: According under John					

Figure 3–9 Manage Sandbox

ORACLE' Identity Sys	stem Administration				Acc	essibility Sar	ndboxes Help Siç	n Out xelsysadm	õ
Event Management Source Accorditation Policies Approval Policies Access Policies Configuration Configuration	Manage Sandboxes × Available Sandboxes Pu Sandboxes allow you to To customize create an	olished Sandboxes i isolate and experiment wit d/or activate a sandbox. Af	h customizations ter customizations	without affecting other us are complete you can pu	ers environments. Iblish the sandbox to make	the customiz	ations available to ot	(X
Accessador Conliguration	View 👻 🎴 Create Sand	box 🛛 💥 Delete Sandbox	🝓 Refresh	 Activate Sandbox 	 Deactivate Sandbox 	😭 Publis	sh Sandbox	*	»
Configuration Form Designer T Resource Generic Connector Connector System Entities User User Conganization Rel Catalog	Sandbox	Description				Active	Last Modified On	Last Modified By	

3.3.3.1 Create Sandbox

To create a Sandbox, perform the following steps:

1. Click Create Sandbox. Create Sandbox page is displayed.

Figure 3–10 Create Sandbox

ORACLE' Identity Sys	tem Administration Accessibility Sandboxes Help Sign Out velsysad	n Q
	Manage Sandboxes × Available Sandboxes Published Sandboxes Sandboxes allow you to isolate and experiment with customizations without affecting other users environments. To customize create and/or activate a sandbox. After customizations are complete you can publish the sandbox to make the customizations available to other users.	X
Bassword Policy	View View	» »
▲ Configuration Generic Connector Generic Connector Application Instances ⊕ Lockups System Entities & User & User & User & Sole Catalog	No data to display.	

Figure 3–11 Create Sandbox Dialog Box

Create Sandbox	
* Sandbox Name	
Sandbox Description	
-	ai.
Activate Sandbox [K]	
	Save and Close Cancel

2. Specify the following values:

Table 3–3 Create Sandbox Parameters

Sandbox Fields	Values
Sandbox Name	CollectionsDev
Sandbox Description	Collections Development
Activate Sandbox	Check check box

3. Click Save and Close.

Figure 3–12 Create Sandbox Parameters



4. Click **OK**. The **Confirmation** dialog box appears.

Figure 3–13 Sandbox Creation Confirmation



CollectionsDev sandbox is created and it is activated

Note

After you activate the sandbox, any changes to metadata objects are stored in the sandbox only. There can be only one active sandbox at a time. The information about the active sandbox is stored in the session. Therefore, a sandbox must be activated to continue with customization after every login to Oracle Identity Manager.

Figure 3–14 Available Sandbox

ORACLE' Identity Sys	tem Administration Accessibility Sar	ndboxes (CollectionsDev)	Help Sign Out xel:	sysadm 📿
Event Management Secondilation Policies Approval Policies Access Policies	Hanage Sandboxes × Available Sandboxes Published Sandboxes Published Sandboxes To customize dreate and/or activate a sandbox. After customizations are complete you can publish the sandbox to make the customizations available	ie to other users.		
Attestation Configuration Configuration Configuration	View 🗣 📴 Create Sandbox X Delete Sandbox 🙀 Refresh 🕥 Activate Sandbox 🕥 Deactivate Sandbox 🔯 Publish Sandbox	Export Sandbox Active Last Mor	Import Sandbox dified On Last Mod	» fied By
Comparation Efform Designer Efform Designer	CollectionsDev Collections Development	Apr 3, 2	014 mdsInter	nal

3.3.3.2 Activate Sandbox

Figure 3–15 Activate Sandbox

To activate a Sandbox, perform the following steps:

1. Select **CollectionsDev** sandbox and then click **Activate Sandbox** to activate sandbox.

Manage Sandboxes ×						[×
Available Sandboxes Publish Sandboxes allow you to isola To customize create and/or a	ed Sandboxes te and experiment with customizations wi ctivate a sandbox. After customizations	ithout affecting other users environments. are complete you can publish the sandbox to make the	e customizations available	to other users.			
View 👻 🎯 Create Sandbox	💥 Delete Sandbox 🛛 🙌 Refresh	Activate Sandbox Deactivate Sandbox	Publish Sandbox	👚 Export S	andbox 👌 Import	Sandbox	*
Sandbox	Description			Active	Last Modified On	Last Modified By	
CollectionsDev	Collections Development				Apr 3, 2014	mdsInternal	

Sandbox is active now. It will be highlighted with green dot.

Figure 3–16 Activate Sandbox: Active

뒗 Manage Sandboxes ×				
Available Sandboxes Publis Sandboxes allow you to isola To customize create and/or	ned Sandboxes te and experiment with customizations without affecting other users environments. activate a sandbox. After customizations are complete you can publish the sandbox to make the customizations available t	o other users.		
View 👻 🍄 Create Sandbox	💥 Delete Sandbox 🛛 🔞 Refresh 💿 Activate Sandbox 🥥 Deactivate Sandbox 👔 Publish Sandbox	1 Export	Sandbox 🎍 Import	Sandbox »
Sandbox	Description	Active	Last Modified On	Last Modified By
> CollectionsDev	Collections Development	0	Apr 3, 2014	mdsInternal

3.3.3.3 Deactivate Sandbox

To deactivate a Sandbox, perform the following steps:

1. Select CollectionsDev sandbox and then click Deactivate Sandbox to deactivate sandbox.

Figure 3–17 Deactivate Sandbox

Manage Sandboxes ×				X
Available Sandboxes Publish Image: Sandboxes allow you to isola To customize create and/or a	ed Sandboxes te and experiment with customizations without affecting other users environments. ctivate a sandbox. After customizations are complete you can publish the sandbox to make the customizations availa	ole to other users.		
View 👻 🍄 Create Sandbox	💥 Delete Sandbox 🛛 🔞 Refresh 🔹 💿 Activate Sandbox 🧔 Deactivate Sandbox 👔 Publish Sandbo	x 🏦 Export	Sandbox 🎍 Import	Sandbox »
Sandbox	Description	Active	Last Modified On	Last Modified By
> CollectionsDev	Collections Development	0	Apr 3, 2014	mdsInternal

Sandbox is deactivated now.

Figure 3–18 Post Deactivating Sandbox

Manage Sandboxes ×				X
Available Sandboxes Publish Sandboxes allow you to isola To customize create and/or a	ed Sandboxes te and experiment with customizations without affecting other users environments. ctivate a sandbox. After customizations are complete you can publish the sandbox to make the customizations availa	ble to other users.		
View 👻 🎯 Create Sandbox	🗶 Delete Sandbox 🛛 🔞 Refresh 🔹 🕒 Activate Sandbox 🕥 Deactivate Sandbox 😭 Publish Sandbo	x 🏦 Export	Sandbox 👌 Import	sandbox »
Sandbox	Description	Active	Last Modified On	Last Modified By
> CollectionsDev	Collections Development		Apr 3, 2014	mdsInternal

3.3.3.4 Publish Sandbox

To publish a Sandbox, perform the following steps:

1. Select **CollectionsDev** sandbox and then click **Publish Sandbox** to publish sandbox.

Figure 3–19 Publish Sandbox

📑 Mana	age Sandboxes $ imes$									ð
Availabl	e Sandboxes Publish dboxes allow you to isola ustomize create and/or a	ned Sandboxes te and experiment with o activate a sandbox. After	ustomizations w r customizations	vithout affecting other user are complete you can publ	s environments. ish the sandbox to make the	customizations available to	other users			
View 👻	Create Sandbox	💥 Delete Sandbox	🝓 Refresh	 Activate Sandbox 	Deactivate Sandbox	Publish Sandbox	1 Export	Sandbox 🎍 Import	Sandbox »	>
Sandb	ox	Description					Active	Last Modified On	Last Modified By	
Collect	tionsDev	Collections Developmen	nt					Apr 3, 2014	mdsInternal	

Sandbox is published now. It will be removed from sandbox list.

Once Sandbox is published, all changes will be visible to all the users.

Figure 3–20 Published Sandbox

👼 Mana	age Sandboxes $ imes$								×
Availabl	le Sandboxes Publish dboxes allow you to isola customize create and/or a	ned Sandboxes Ite and experiment with ci activate a sandbox. After	ustomizations without affecting other user customizations are complete you can publ	s environments. ish the sandbox to make th	e customizations available to	other users			
View 👻	Create Sandbox	💥 Delete Sandbox	Refresh 🛛 🔘 Activate Sandbox	 Deactivate Sandbox 	🕆 Publish Sandbox	Export	Sandbox 👌 Import	Sandbox	»
Sandb	ox	Description				Active	Last Modified On	Last Modified By	
No data to	o display.								

3.3.4 Import Collections Configuration

Collections adapter configuration for User Provisioning must be imported. Below is the list of artifacts developed for Collections User Provisioning.

Artifact	Artifact Type	Description
Collections	Collections	It stores definition of connection parameters to connect OBP Collections system.
Collection Arguments	IT Resource Type	It stores parameters and its values required to make connection with OBP Collections. OIM uses this information to connect target Collections system.
Collections User Provisioning	Process Definition	This process definition contains process tasks for User provisioning Create User, Change First Name, Change Last Name, Change UserName, Change Email, Change End Date, Change Collections User Group and Delete User.
Collection User	Resource Object	This resource object is used for provisioning users in Collection. It contains Collections system details required for provisioning.
ORMB Create User	Task Adapter	This adapter is responsible to create user in Collections.
ORMB Update User	Task Adapter	This adapter is responsible to update user in Collections.
ORMB Delete User	Task Adapter	This adapter is responsible to delete user in Collections.
UD_COLL_USR	Process Form	This is Collections process form associated with Collections User Provisioning process. It holds relevant information about Collections User resource object.
CollectionsUserDetails	Pre-populate Adapter	The Adapter is used to pre-populate user details in the Collections resource form.

Table 3–4 Collections User Provisioning Artifacts

OBP Collections configuration can be imported in OIM by using deployment manager.

- 1. Log in to Oracle Identity System Administration.
- 2. In the left pane, under System Management, click **Import**. The **Deployment Manager Import** window is displayed.

Figure 3–21 System Management - Import

ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	Ő
ul Event Hanagement €s Recondition						
Configuration Co						
₽ upgrade						

3. In the **Deployment Manager - Import** window, click **Add File** and open configuration file **collections_oim_export.xml** that is saved on your machine.

Figure 3–22 Deployment Manager - Import Screen

left of the second seco	- Mozilla Firefox			
localhost:14000/xlWebA	pp/Deployment	Manager/loadDU.do?method=displayImport		☆ 🛛 🗸
		Deployment Manager - I	Import	
Click Add File to add more fi	les.			
Show Information Re:	set Legend			
Summary	•	Current Selections	Objects Removed From Import	
Import Files	•			
+ Add				
Substitutions	•			
+ Add				
IT Resources	•			
+ Add				
New Roles	•			
+ Add				
			Missing Dependencies To Create	
		Add File Import		

4. The Deployment Manager dialog box opens with file name being imported. Click Add File.

Figure 3–23 Deployment Manager - File Preview Dialog Box

oyment Manager	
File Preview	
collections oim evnert	
conections_onn_export	
File Name: collections_oim_expo	rt.xml
Exported By: XELSYSADM	
Export Date: September 18, 2013 8:	10:49 AM
Export Utility Version: 2.0.2.0	
Exported From:	
Cancel << Back	Add File
Cancel	Add File

5. Click Cancel Substitution.

Figure 3–24 Deployment Manager - Cancel Substitution Dialog Box

Provide the substitut	tions for the users/groups (Optional).	
Туре	Current Name	New Name
Role	SYSTEM ADMINISTRATORS	
JD_COLL_USR Version	2	
Role	ALL USERS	

- 6. Specify values for parameters in Collection Arguments section, see "Configuration" on page 19
- 7. Click Next.

Note

Parameter Value shown in image are sample values. Provide values as per your environment.

Figure 3–25 Deployment Manager - IT Resource Instance Data

leployment Manager		
Provide IT Resource Instance Data.		
Collections	Collection Arguments	
Collection Arguments	Parameter Name	Parameter Value
<< New Instance>>	webserviceUrl	http://
	securityPolicy	oracle/wss_username_token_
	bankCode	08
	channel	BRN
	businessUnit	Bank_BU
	transactionBranch	8542
	sessionUserId	OIMOBPCOLL
	securityParamLookup	LOOKUP.COLL.SECURITY.PA
	isSecurityEnabled	true
	marketEntity	Bank_ME
Cancel IT Resource Modification	<< Back Skip	Next

8. Click Skip.

Figure 3–26 Deployment Manager - Skip Parameter Value

Collections Collection Arguments << New Instance>>	Provide the name of the IT resource insta Instance Name:	ance to be created.	
	Parameter Name	Parameter Value	
	transactionBranch		1
	securityParamLookup		
	marketEntity		
	channel		1
	securityPolicy		
	sessionUserId		
	webserviceUrl		
	isSecurityEnabled		

9. Click View Selections.

Figure 3–27 Deployment Manager - View Selections

onfirmation		
		_
Confirmation		
Parameters have been provide	d for the following IT resources:	
Collections		^
Collection Arguments		Г
bankCode:	48	
isSecurityEnabled:	true	E
transactionBranch:	8452	
securityParamLookup:	LOOKUP.COLL.SECURITY.PARAMS	L
- channel:	BRN	ŀ
marketEntity:	Bank_ME	
webserviceUrl:	http://localhost:7002/com.ofss.fc.webservice/services/collection/ORMBUserP	'r 🗸
<	1]1	
Cancel IT Resource Modific	ation << Back View Selections	

Overview of all artifacts that have been added will be displayed. Total number of artifacts to be added must be 11. You can verify them in the **Summary** section for **All : 11**.

10. Click Import.

Figure 3–28 Deployment Manager - Import

Add File to add more files. Now Information Reset Summary	Legen	Current Selections	Objects Removed From Import
Ali: 11 Data Object Definition: 1 Resource: 1 IT Resource Definition: 1 Task Adapter: 3 Task Adapter: 1 Ali: 11 Process Form: 1 Ali: 11 Process: 1 Ali: 11 Ali: 11		Image: Second state of the second s	Missing Rependencies To Create
mport Files collections_oim_export.xml	•		
Add	•		
T Resources	•		
💠 Add			
Add	•		

11. A Confirmation dialog box appears. Click Import.

Figure 3–29 Import Confirmation

Confirmation	×	
Are you sure you	want to import the selections?	
Import	Cancel	

12. On successful import of data, **Import successful** message will be displayed. Click **OK** and close **Deployment Manager - Import** window.

Figure 3–30 Import Confirmation Dialog Box

O Success	
Import successful	
If you are importing forms with encrypted attributes for a clustered configuration, then restart all nodes of the cluster.	
ОК	
3.3.5 Verify and Override Date Format Lookup

A lookup 'LOOKUP.COLLECTIONS.STATIC.PROPERTIES' has been added to map environment specific properties to OIM.

After successful import, verify whether the lookup type 'LOOKUP.COLLECTIONS.STATIC.PROPERTIES' has been imported properly along with the other configurations.

To verify the lookup type, perform the below mentioned procedures:

- 1. Log in to Oracle Identity System Administration.
- 2. In the left pane, under Configuration, click Lookups. The Search and Select: Lookup Type window is displayed.
- 3. In the **Meaning** field, enter the lookup value **LOOKUP.COLLECTIONS.STATIC.PROPERTIES**.

Figure 3–31 Entering Lookup Value

ORACLE' Identity	System Administration	Accessibility Sandbox	es Help Sign Out xelsysadm 드
Event Management Reconcliation Reconcliation Access Policies Access Access Policies Access Access Policies Ac	Search and Select: Lookup Type Search Match All Ary Meaning Code Description Action View Code Code Description Action View Code Code Description Meaning Code Description	Search Reset	
Ladadg System Management Configuration Scheduler System Configuration System Configuration Sy	Lookup Values Meaning Code Modata to display.	OK Cancel	

4. Click Search. The lookup types that match your search criteria get displayed in a tabular format.

Figure 3–32 Lookup Types Criteria Match

ORACLE: Identity S	System Administration Accessit	ility Sandboxes	Help Sign Out	xelsysadm 🔵
Event Management				
Approval Policies	Search and Select: Lookup Type			
Supervised Policy Configuration Form Designer Conscise Conversion	Match @ Al @ Any Meaning LOOKUP.COLLECTIONS.STATIC.PROPERTIES Code Description			
Application Instances Cookups System Entities	Action + View + Action + View + Action - View + Code Description	;h Reset 🖵		
්න User කි Organization අහු Role (III) Catalog	LOOKUP.COLLECTIONS.STATIC.PROPERTIES LOOKUP.COLLECTIONS			
System Management Scheduler Notification System Configuration				
Manage Connector	Meaning Code Enabled Sequence Description			
👚 Export	yyyyMMdd DATE_FORMAT 🗸			
) Upgrade		► OK Cancel		

This look up type will be shipped along with the Collections adapter configuration. The default value of the **DATE_FORMAT** code for the lookup type will be '**yyyyMMdd**' or the '**End Date**' field on User form.

Meaning for the lookup code corresponds to the value for 'client.format.date' property in root configuration properties.

Before trying to provision a user, please verify that the Meaning for the DATE_FORMAT Code matches the property value of 'client.format.date' in the root configurations. If not, then edit the lookup type accordingly.

Note	
•	If the lookup type is not present, the user will not get provisioned and generic failure message will be displayed in Open tasks for Create User task.
•	If the lookup type is present but the Code is incorrect then the user will not get provisioned and a generic failure message will be displayed in Open tasks for Create User task.
•	If lookup type is present and the code is correct but the Meaning is not in sync with the format in root configurations, user will get provisioned to Collections but with incorrect date. Considering the current JODA date configuration, it will persist current system date.

3.3.6 Add Process Trigger

Process Tiggers are used to define task name for user fields. This task name could be further configured in process definition and would be invoked when there is change in corresponding field. Below configuration is to add Process Trigger for user fields used for Collections User Provisioning:

1. Log in to Oracle Identity System Administration. In the left pane, under Configuration, click **Lookups**. The **Search and Select: Lookup Type** window is displayed.

Figure 3–33 Oracle Identity System - System Administration

ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	0
Vent Mangement Reconcilation Policies Access Policies Access Policies Access Policy Access Policy Access Policy Configuration Resource Generic Connector Application Instances Bullows						
✓ System Entities ♦ User ♥ Organization ♥ Role □ Catalog ✓ System Management ♥ System Configuration ♥ System Configuration ♥ Manage Connector ♥ Import						
t Export > Upgrade						

Figure 3–34 Search and Select - Lookup Type

arch and Select	Controls LAbs.		
search	data.		
Haddh I B AR CL	Arre .		
Heating			
Code			
Desiration			
			Sample Read
		14	Constant and a second
19/			
hiarmg.	Code	Description	
Lookup Values	s -		
tearing	Ciside	Evabled Sequence Description	
to data to dapley.			
			TRACT stars
			Contraction of the second

2. Add the following:

Code: Lookup.USR_PROCESS_TRIGGERS

3. Click Search.

Figure 3–35 Search Lookup Type

	dministration						Accessibility	Sandboxes	Help Sign	Dut xelsysa	dm 📿
Vent Nanagement Reconcilation Policies Approval Policies Approval Policies Attestation Configuration Password Policy Configuration Form Designer Activity Application Instances Application Instances Computer Compute	Search and Select: Lool Search Match @ Al @ Ary Code Lookup.US Description Action + View + [Meaning Lookup.USR_PROCESS_T	RIGGERS	S Ip.USR_PR	OCESS_TRIC	Description		Search Reset				
System Hanagement Scheuler Scheuler System Configuration Manage Connector		ESS TRICCERS- 1	okup Va	luos			•				
	cookapioon_rited	200_11000210312		-							
Export	Change Einst Nam	LICD ETDET NAME	cnapied	sequence	Description						
Digrade	Change First Name	USR_FIRST_NAME									
	Change Liser Identity	LISD TYDE	5								
	Change Liser Location	USP LOCATION									
	Change Licer Manager	USP MANAGER KEY									
	Change Liser Password	USR PASSWORD									
	Change Liser Type	USP EMP TYPE									
	Change Lisername	USR LOGIN	~								
	Move Liser	ACT KEY	2								
							O <u>K</u> Cancel				

4. Click Edit icon. Edit Lookup Type dialog window will open.

Figure 3–36 Edit Lookup Type

dit Lookup Ty	уре								
* Meaning	Lookup	.USR_PROCESS_TRIG	GERS	Description					
Code I	Lookup	.USR_PROCESS_TRIG	GERS						
Lookup Cod	les								
View 👻	9 🗙	detach							
* Meaning		* Code	Enabled	Sequence	Description				
Change Colle	ctions	USR_UDF_COLLEC	V						*
Change Email	1	USR_EMAIL	1						
Change End [Date	USR_END_DATE	1					ľ	
Change First	Name	USR_FIRST_NAME	1						
Change Last	Name	USR_LAST_NAME	1						
Change User	Ident	USR_TYPE	1						
					1				-
							<u>S</u> ave	Cance	

5. Click **Add** icon. Add the following parameters in the row that appears.

Code: USR_EMAIL

Meaning: Change Email

Figure 3–37 Adding a Lookup Type

dit Lookup Type							
* Meaning Lookup Code Lookup	.USR_PROCESS_TRIG .USR_PROCESS_TRIG	GERS	Description	1	.:		
Lookup Codes							
View 👻 🔯 🛛	detach						
* Meaning	* Code	Enabled	Sequence	Description			
Change Email	USR_EMAIL						*
Change Email	USR_EMAIL	1					=
Change End Date	USR_END_DATE	V					
Change First Name	USR_FIRST_NAME	V					
Change Last Name	USR_LAST_NAME	V					
Change User Ident	USR_TYPE	V					_
					Sa	ve <u>C</u> ance	el

6. Similarly, add the following variables (repeat step 4) and then click **Save**.

Table 3–5 List of variables

Code Key	Meaning
USR_EMAIL	Change Email
USR_END_DATE	Change End Date

Figure 3–38 Edit Lookup Types

dit Lookup Type			-¦-			
* Meaning Lookup. Code Lookup.	USR_PROCESS_TRIGG USR_PROCESS_TRIGG	ERS Des	scription			
Lookup Codes						
View 👻 🎴 💥	Detach					
* Meaning	* Code	Enabled	Sequence	Description		
Change Email	USR_EMAIL					
Change End Date	USR_END_DATE					
Change First Name	USR_FIRST_NAME					
Change Last Name	USR_LAST_NAME					
Change User Ident	USR_TYPE	-				
Change User Locat	USR_LOCATION	-				
Change User Mana	USR_MANAGER_KE	-				
I .		-				
					<u>S</u> ave <u>C</u> a	ancel

Note

Meaning value is used as Process definition Task name. If there is any change in meaning value, then corresponding name change must be done in Process definition task.

Below table lists the Code Key being used:

Code	Meaning	Process Definition Task Name
USR_FIRST_NAME	Change First Name	Change First Name
USR_LAST_NAME	Change Last Name	Change Last Name
USR_EMAIL	Change Email	Change Email
USR_LOGIN	Change Username	Change Username
USR_END_DATE	Change End Date	Change End Date

To verify process task name in Process Definition login to design console and open Process Definition tab as shown below:

Figure 3–39 Verifying Process Task Name

Oracle Identity Manager Design Con	sole : connect	ed to jdbc:oracle:thin:@10.180.22.32:1	521/NGPR2B	Station of the local division in which the local division in the l	-	second the second	a management of	- 0 ×
File Edit Tool Bar Help								
		•						
	≏ × ×	U						
Oracle Identity Manager Design Conse	Process Del	finition						
🗈 🚞 User Management	New		[_			
Resource Management	Nam	CRMB User Provisioning	Map Descriptive F	Field Render Workflow				
😑 🧰 Process Management	Тур	e Provisioning	Pefault Process	Auto Pre-populate				
Email Definition	Object Name	ORMB User	Auto Save Form					
C Process Definition	Form Assign	iment						
- Cal Administration	Table Nam	-						
- Dokup Definition	Table Nam	•						
User Defined Field Definition	Tasks R	econciliation Field Mappings Adm	inistrators					
- B Remote Manager	Add	Task	Default Assignee	Event Handler/Adapter V	Conditional	Required for Completion	Constant Duration	Disable Manual Insert
Password Policies		1 Resource Attestation Event Occurre			V			V
Development Tools	Delete	2 Reconciliation Delete Received			V			¥
		3 User Attestation Event Occurred			~			¥
		4 Reconciliation Update Received			~			¥
		5 Service Account Moved			2			1
		6 Reconciliation Insert Received			¥			×.
8		7 Service Account Changed			~			2
		8 System Validation				V		
		9 Service Account Alert			×			v
		10 Create User		adpORMBCREATEUSER		V		
		11 Delete User		adpORMBDELETEUSER	2	~		
		12 Change First Name		adpORMBUPDATEUSER	2	~		
		13 Change Email		adpORMBUPDATEUSER	V	~		
		14 Change Username		adpORMBUPDATEUSER	V	V		
		15 Change End Date		adpORMBUPDATEUSER	2	v		
		16 Change Last Name		adpORMBUPDATEUSER	V	2		
		17 Change Collections User Group		adpORMBUPDATEUSER	2	V		

3.3.7 Create Collections Role

This role is used to define access policy. Minimum access should be provided as it would be applied to every user eligible for Collections User provisioning.

- 1. Log in to Identity Self Service.
- 2. Under Administration, click Roles. The Search Roles page is displayed.

Figure 3–40 Oracle Identity Self Service

ORACLE Identity	Self Service	Accessibility	Sandboxes	Customize	Help	Sign Out	xelsysadı	
Home Inbox Inbox Ity Profile Information Ity Profile Information			(Search R	Saved S	earch <u>Se</u> Save	arch Roles Add Fields	•
C Role Categories C Organizations M Attestation Dashboard	Acutors view governesi ay moved and a constraint ay moved and a constraint	Na	ame	Role Ca	ategory	Role	Namespac	*

3. Click **Create** on the toolbar. The Create Role page is displayed.

Figure 3–41 Create Role

ORACLE' Identity	Self Service				Accessibility	Sandboxes	Customize	Help	Sign Out	xelsysadi	" O
🔡 Home 📝 Inbox	Create Role	¢									
My Profile My Information	Attributes										
Requests Catalog									Save	Cano	el
🛞 Track Requests 🕢 Pending Attestations	*Name [
Administration	Display Name										
ab Users	Role E-mail										
Roles	Role Description										
Corganizations		le le									
Attestation Dashboard	Role Category		9								
Dpen Tasks	Owned By] 🔍								
•											
4. Specify	the following	values and th	nen click	Save.							

Name : COLL_USER
Display Name : COLL_USER

Role Description : Default Role for all Collections User

Role Category: Default

5. Click Save.

Figure 3–42 Create Role - Values



Figure 3–43 Create Role - Attributes Tab

ORACLE Identity	/ Self Service	Accessibility Sandboxes Customize Help Sign Out xelsysadm 📿
ः Home ② Inbox	Roles × Image: A contract of the second	
My Profile	X Delete Image: Constraint of the second secon	
Requests Catalog Catalog Produg Attestations Pendug Attestations Pendug Attestations Pendug Attestations Pendug Attestations Pendug Attestations Pendug Attestation Deshiboard Copen Tasks	* Name COLL_USER Role Namespace Default * Display Name (COLL_USER Role E-mal Role Description Default Role for all Collections User Role Category Default Owned By System Administrator	Apply Revert

6. Click Members tab. The Members tab is displayed.

Figure 3–44 Create Role - Members Tab

ORACLE' Identity	Self Service	Accessibility Sandboxes Customize Help Sign Out xelsysadm 🖸
 Home Inbox My Information My Information My Access Catalog Totak Requests Pending Attestation Mainstration Users Roles Roles Copanizations Attestation Dashboard Open Tasks 	Roles X ColL_USER X Role: COLL_USER Yolette Access Policy Attribute Herarchy Hembers User Hembership Rule Rule: Click the Add Rule button to set the rule for this role Hembers Direct Indirect All The following table displays users that are directly assigned to this role Wew v Wew v Assign Refresh No data to display Greanization E-mail No data to display S Columne Hidden	Apply Apply and Evaluate Revert Apply Add Rule 💥 Delete rule

7. Click **Add Rule** under User Membership Rules. The User Membership Rules for COLL_USR dialog box is displayed.

Figure 3-45 Create Role - Add Rule

ORACLE' Identity	y Self Service Accessibility S	andboxes Customize Help Sign Out xelsysadm 📿
🔡 Home 📝 Inbox	Image: All and	N
My Profile	Delete Eccess Policy Attrbutes Herarchy Hembers Organizations	
 Requests Catalog Track Requests 	Membership Rule and Members	Apply Apply and Evaluate Revert
 Pending Attestations Administration Users Roles Role Categories 	Rule: Click the Add Rule button to set the rule for this role Members Direct: Indirect All The following table defeature users that we describe assigned to this role.	
Scorganizations Attestation Dashboard Copen Tasks	The topowing table displays users that are cirectly assigned to the role. View ▼ Assign % Revoke R Refesh T Datach	

	Se	lect Operand Value						
<a>ADD>		Attributes Literals						
		Display Name	Data Type					
		FA Territory	String	i				
		Employee Number	String	1				
		Locale	String	i				
		Middle Name	String	i				
		Display Name	String	1				
		Timezone	String	i				
		Mobile	String	1				
		LDAP Organization	String	i				
	•	Account Status	String	i				
	-	End Date	Date	i				
		Pager	String	i				
		Deprovisioned Date	Date	i				
		Deprovisioning Date	Date	i				
		PO Box	String	1				
		Full Name	String	i				
		Country	String	1				
		Design Console Access	String	i				
		E-mail	String	i i				
		Dravisianad Data	Data					
		Add						

Figure 3–46 Create Role - Build Expression

8. Create Rule such that COLL_USR role is assigned to User that need to be provisioned to Collections. Here we have defined Rule Based on Organization.

Figure 3–47 Create Rule - Add

	S	elect Operand Value		
ADD> < <add> <</add>		Attributes Literals		
		Display Name	Data Type	
		Manager Display Name	String	
		Manager Last Name	String	
		Cheant Cheant	String	
		Sueer	String	
		Password Expired	String	
		Lies Date	Sung	
		nire bate	Ohion	
		Password warned	String	
	•	Telenheine Number	String	
	-	Telephone Number	String	
		Postal Address	String	
		Description	String	
		Home Phone	String	
		LDAP Organization Unit	String	
		Fax	String	
		Postal Code	String	
		Organization	String	
		User Login	String	
	_	lite	String	
		🔇 Add		

ganization = 💌 STRING 💌	Select Operand Value Attributes Literals	
	Required data type is String Value Requests	
	& Add	
	3	

Figure 3–48 Create Rule - Select Operand Values

Figure 3–49 Create Rule - Build Expression

	S	elect Operand Value										
ganization = 💌 'Requests' 💌		Attributes Literals										
And		Display Name	Data Type		Г							
Or		FA Territory	String	1								
Remove		Employee Number	String	1	Π							
		Locale	String	1								
		Middle Name	String	i	E							
		Display Name	String	i								
		Timezone	String	i								
		Mobile	String	i								
		LDAP Organization	String	i	j.							
	•	Account Status	String	i)							
		End Date	Date	i	j.							
									Pager	String	i	j.
		Deprovisioned Date	Date	i	j.							
		Deprovisioning Date	Date	i	j.							
		PO Box	String	i	j.							
		Full Name	String	i	j.							
		Country	String	i	j.							
		Design Console Access	String	i								
		E-mail	String	i	j.							
		Provisioned Date	Date									
		🔇 Add										

Figure 3–50 Create Rule - Build Expression Updated

	S	elect Operand Value		
Drganization = 💌 'Requests' 💌		Attributes Literals		
NR.		Display Name	Data Type	
rganization = 💌 'Xellerate Users' 💌		FA Territory	String	1
		Employee Number	String	1
		Locale	String	1
		Middle Name	String	i =
		Display Name	String	i
		Timezone	String	1
		Mobile	String	1
		LDAP Organization	String	1
	•	Account Status	String	1
		End Date	Date	1
		Pager	String	1
		Deprovisioned Date	Date	1
		Deprovisioning Date	Date	1
		PO Box	String	i
		Full Name	String	i
		Country	String	i
		Design Console Access	String	i
		E-mail	String	i
		Provisioned Date	Date	(i) `
		🔇 Add		

Note

It is been observed that when Role membership rule is applied to a user its membership is not pushed to OID (that is, user is not added to Role in OID). To overcome this behavior enable schedule job 'LDAPSync Post Enable Provision Role Memberships to LDAP' in periodic mode (as per requirement).

Run the following query to ensure that Collection Dashboard is shown as the default page after logging in.

update flx_fw_config_all_b set prop_value='Role' where prop_ id='collection.roles' and CATEGORY ID='BROPConfig';

where Role = configured user role.

3.3.8 Create Access Policy

Policy based provisioning is being used, that is, whenever policy is applied, the user is directly provisioned to resource.

This policy is applied whenever a user is made part of specified role COLL_USR. Also, COLL_USR is applied to user through membership rule. Thus, policy will be applied to user and the user would be provisioned to resource - Collection User.

Note

Here, we have used COLL_USR Role, but it can be changed as required.

- 1. Log in to the Oracle Identity System Administration.
- 2. To open the Create Access Policies page, under Policies, click **Access Policies**. This displays Manage Access Policies dialog box.

Figure 3–51 Create Access Policy - Access Policies

ORACLE Identity System Administration	Accessibility	Sandboxes	Help	Sign Out	xelsysadm	Q
D Upgrade						

3. Click Create Access Policy.

Figure 3–52 Create Access Policy

Access Policies Search Results - Google Chrome	
http://www.webApp/ManageAccessPolicies.do?method=manageAccessPolicies	
Manage Access Policies Enter your search criteria to search for access policies.	

4. In the Create Access Policy dialog box, specify the following:

Access Policy Name: Collection User - Access Policy

Access Policy Description: Collection User - Access Policy

Provision: Select radio button Without Approval

5. Click Continue.

Figure 3–53 Create Access Policy - Continue

Step 1: Create Access Policy	
* Indicates Required Field	
Access Policy Name	Collection User – Access Policy
Access Policy Description *	iollection User – Access Policy
Provision	Without Approval
Retrofit Access Policy	
Priority *	Current Lowest Priority=0
Exit Continue >>	

- 6. Select **Collection User** check box.
- 7. Click Add.

Create Access Policy	1 2 3 4 5	
Step 2: Select Resources		
Specify the resources to be prov * Indicates Required Field Filter By	visioned by this access policy.	
Results 1-1 of 1	First Previous Next Last	Selected:
	Resource Name	
First Previous Next Last	Collection User	Add >> << Remove
Exit << Back Co	ntinue >>	

Figure 3–54 Create Access Policy - Select Resources

8. Click Continue.

Figure 3–55 Create Access Policy - Selected Resource

Create Access Policy	1234	6
Step 2: Select Resources		
Specify the resources to be provisioned by * Indicates Required Field Filter By Results 1-1 of 1 First	this access policy. Go Previous Next Last <u>Resource Name</u>	Selected: Collection User
First Previous Next Last	Collection User	Add >> << Remove

9. Click Continue.

Figure 3–56 Create Access Policy - Select Resource

Create Access Policy	
Step 2: Select Resources	
The subsequent pages will guide you through providing the d	ata to associate with the following resources you selected to be provisioned by this Access Policy:
Collection User	
Exit << Back Skip This Step Co	tinue >>

Figure 3–57 Select Resources - Process Details

Step 2: Select Resources	· ·
rovide the following process details for resource Collection User:	:
Collections Server Instance	Clear
First Name	
Last Name	
User Login	
Email Id	
End Date	
Collections User Group	Clear
Exit << Back Skip All Forms Continue >>]

10. Select instance name for **Collection Server Instance** field from the lookup.

Figure 3–58 Selecting Instance Name

C Lookup Form - Google Chrome	
C C C C C C C C C C C C C C C C C C C	LookupForm.do?method:
Select Collections Server Instance	
Select the value to use in the field.	I
Filter By: Instance Name	Go
Instance Name	
Collection Arguments	
Select Close	

- 11. Select **Collection Arguments** as Collections Server Instance (IT Resource to be used to Provision User to Collections).
- 12. Click Continue.

reate Access Policy	1 2 3 4 5
Step 2: Select Resources	
Provide the following process details for resource Collectio	n User:
Collections Server Instance	Collection Arguments Clear
First Name	
Last Name	
User Login	
Email Id	
End Date	
Collections User Group	Clear
Exit << Back Skip All Forms Contin	ue >>

Figure 3–59 Create Access Policy - Server Instance

13. Select radio button **Revoke if no longer applies**.

Figure 3–60 Create Access Policy - Select Revoke or Disable Flag

Create Access Policy	1 2 3 4 5			
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	
Collection User		۲	0	
Exit << Back Continue >>				

14. Click Continue.

Figure 3–61 Create Access Policy - Continue

Create Access Policy	1 2 3 4 5	
Step 3: Select Resou Specify the resources to t * Indicates Required Field	rces e denied by this access policy.	
Results 1-1 of 1	First Previous Next Last Resource Name Collection User [Last	Add >>
Exit << Back	Contrue >>	~

- 15. Select **COLL_USERS** check box. Steps 15-17 are not displayed as shown in below figure (as per new OIM version- 11.1.2.3.0). To associate the access policy to a role, perform steps 19-28 after successfully creating Access Policy.
- 16. Click Add.
- 17. Click **Continue**.

Figure 3–62 Create Access Policy - Add

Create Access P	olicy	2 3 4 5	
Step 4: Select Specify roles for th * Indicates Requir Filter By	Roles his access policy. ed Field		
Results 1-6 of 6	5 First Previous Next	Last	Selected:
	Roles Name	Display Name_	
	Administrators	Administrators	
	SELF OPERATORS	SELF OPERATORS	Add >>
	OPERATORS	OPERATORS	<< Remove
	SYSTEM ADMINISTRATORS	SYSTEM ADMINISTRATORS	
	ALL USERS	ALL USERS	
	COLL_USER	COLL_USER	
First Previous	s Next Last Back Continue >>		v

Create Acces	s Policy	2 3 4 5					
Step 4: Sele Specify roles fo * Indicates Rec Filter By	ect Roles or this access policy. quired Field Go						
Results 1-6	of 6 First Previous Next	Last	Selected:				
	Roles Name	Display Name					
	Administrators	Administrators	Addiss				
	SELF OPERATORS	SELF OPERATORS	Add >>				
	OPERATORS	OPERATORS	<< Remove				
	SYSTEM ADMINISTRATORS	SYSTEM ADMINISTRATORS					
	ALL USERS	ALL USERS					
	COLL_USER	COLL_USER					
First Previous Next Last Exit << Back Continue >>							

18. Verify access policy details. Click Create Access Policy. It creates Access Policy.

Figure 3–64 Create Access Policy - Verify Access Policy Information

ate Access Policy	1234	5				
tep 5: Verify Access Policy	Information					
Access Policy Informa	tion Provided			Change		
	Access Policy Name Access Policy Description With Approval Retrofit Access Policy Priority		Collection User – Access Policy Collection User – Access Policy No Yes 1			
Resources to be provi	sioned by this access policy			<u>Change</u>		
Resource Name	Revoke if no longer applies	Disable if no longer applies	Process Forms			
Resources to be denie (j) You hav	Collection User × Collections User Details Edit Resources to be denied by this access policy Channe Image: I					
Roles for this access p	volicy			<u>Change</u>		
Roles Name		COLL LISER				
Exit << Back Crea	ate Access Policy					

To associate the access policy to a role, perform following steps:

- 19. Log in to Identity Self Service (<OIM ip>:<port>/identity)
- 20. Click the **Manage** tab.

Settings for myrealm - ui_dom ×	Service × +	The feature of the second	town on the second state		00	×
(*) @ 10.184.153.13:14000/identity/faces/home?_adf.no-r	new-window-redirect=true&_adf.ctrl-state=c8anndfo0_5&	afrLoop=51644994452215388c_afrWindowMode=28c_afrWin	dowld=1ac8qgivd0	V C Soogle	▶ ☆ 自 ♣ ★	=
		24-10/ Onine 🖉 089-31 24-10/ Batch 🖉 089-31 ervice	24 - 109 tatch 🧿 Open Groc -Collectories 🔤 Amity 💽 Husic	Sandboxes Customize xelsysadm •		ŕ
Home	Users Manage users	Roles Manage roles	Organizations Manage organizations	Administration Roles Manage admin roles		
	Policies Manage policies					

Figure 3–65 Identity Self Service- Manage Tab

21. Click the Roles tab.

Figure 3–66 Roles Tab

Settings for myrealm - ui_dom ×	× +						- 0	×
C 3 10.184.153.13:14000/identity/faces/home?_adf.no-new-window	w-redirect=true&_adf.ctrl-state=c8anndfc0_5&_afrL	oop=51644994452215388c_afrWindowMode=28c_afrWindo	wld=1ac8qglvd0	🔻 🥂 🚼 = Google	٩	☆ 自	+ +	=
🕱 JIRA 🗌 Assignments 🛃 OPENGROC 🗌 BPM Worklist - IUT2.4 🧕	🖲 OBP - IUT2.4 🖸 APM - IUT2.4 🔲 OBP - ST 2.4	T07 Online 😑 OBP - ST 2.4 - T07 Batch 😑 OBP - ST 2.4	- T09 Batch 🗢 Open Groc -Collections 📘 AmEx 🔄 Fusion-	HCM 🔁 OBP Collections - WIKI				
			s	Sandboxes Customize xelsysadm v				Â
ORA	CLE Identity Self Ser	vice		🧶 Self Service 🛃 Manao				
Home								
Home								
			田由					
lisers		Roles	Organizations	Administration Roles				
Manag	e users	Manage roles	Manage organizations	Manage admin roles				
Polici	ies							L
Manag	je policies							

List of Roles configured in the system will be displayed, including the role created in Section 3.3.7 Create Collections Role (as per this document - COLL_USER).

Figure 3–67 List of Roles

Settings for myrealm - ui_dom × 🔁 Identity Self S	Service × +	Industry has an investor through the		- C -×-
• 1018415313:14000/identity/faces/home?_adf.no-r	new-window-redirect=true&_adf.ctrl-state=c8anndfo0_58&_afri	oop=51644994452215388c_afrWindowMode=28c_afrWindowId=1ao8qglvd0	V C Soogle	▶ ☆ 自 ♣ 侖 ☰
🕱 JIRA 🗌 Assignments 📈 OPENGROC 🗌 BPM Worklist	st - IUT2.4 🧧 OBP - IUT2.4 🥃 APM - IUT2.4 🥃 OBP - ST 2.4	-T07 Online 😑 OBP - ST 2.4 - T07 Batch 😑 OBP - ST 2.4 - T09 Batch 🗢 Open Groc -Collections 📃 AmEx 🚍 Fusio	n-HCM 🥃 OBP Collections - WIKI	
OI		rvice	Sandboxes Customize xelsysadm v ••••	
Home	Roles x			
	Roles			
Sear	rch Name •	Q Advanced		
Act	tions 🕶 View 👻 🕂 Create 🧪 Open	X 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		
	COLL_USER	Default Role for all Collections User		
	COPERATORS	Operator role		
	SELF OPERATORS	Operator role for self registration		
	SYSTEM ADMINISTRATORS	System Administrator role for OIM		
Copyrig	ght © 2001, 2015, Oracle and/or its affiliates. All righ	s reserved		

- 22. Click **COLL_USER**. This opens a new tab with 5 subtabs.
- 23. Click the Access Policy sub tab.

Figure 3–68 Access Policy

Settings for myrealm - ui_dom × 🖸 Identity Self Service × +		0 0 - X -
😧 🖗 10.184.133.13.04000/dentity/faces/home]_adf.no-new-window-redirect=tue&_adf.ctrl-state=c8annd160_58_ahl.cop=51644994452215388_adfWindowMode=28_affWindowM	V C Google	▶ ☆ 自 ♣ 合 ☰
🛱 JIPA 🗌 Assignments 🗟 OPENGROC 🗋 BPM Worklist - JUT2A 🖸 OBP - JUT2A 🧧 APM - JUT2A 🧧 OBP - ST 2.4 - T07 Online 💽 OBP - ST 2.4 - T07 Batch 💽 OBP - ST 2.4 - T09 Batch 🗢 Open Groc - Collections 📕 Am&	Fusion-HCM 🖸 OBP Collections - WIKI	
	Sandboxes Customize xelsysadm v	
ORACLE [®] Identity Self Service	Self Service Manage	
Home Roles x COLL_USER x		
COLL_USER	Apply Revert	
Attributes Hierarchy Access Policy Members Organizations		
Add access policies to define access rights of this role.		
Actions - View - + Add - V Remove - O Undo - // Refeash - E - C Relach		
Actoris V view V T Add X Remove - Ondo (2 Reiresn EV all Detach		
Policy Name Pending Action		
Collection User Collection User		
Conviriant @ 2001 2015 Oracle and/or its affiliates. All rights reserved		
orgy right or same ris same on no animates ris rights room roo		

24. Click **Add** to associate an access policy with the role.

Figure 3–69 Add Access Policy

Settings for myrealm - ui_dom × 🖸 Identity Self Service × +	faits as foreigners. We will	-	- 0 - × -
🜒 🖲 10.184.153.13:14000/identity/laces/homel_adl.no-new-window-redirect=true8; adl.ctrl-state=c8anndfc0_58; afrl.oop=51644994452215388; afrWindowMode	28c_afrWindowld=1ao8qglvd0	V C 🔂 - Google	▶☆☆★★ =
👻 JIRA 🗌 Assignments 🗷 OPENGROC 🗌 BPM Worklist - IUT2.4 💽 OBP - IUT2.4 💽 APM - IUT2.4 💽 OBP - ST 2.4 - T07 Online 💽 OBP - ST 2.4 - T07 Batch 🧧	OBP - ST 2.4 - T09 Batch Open O	iroc -Collections 📒 AmEx 🖸 Fusion-HCM 🧿 OBP Collections - WIKI	
		Sandboxes Customize xelsysadm v	
ORACLE [®] Identity Self Service		Self Service Manage	
Home Roles x COLL_USER x			
COLL_USER		Apply Revert	
Attributes Hierarchy Access Policy Members Organizations			
Add access policies to define access rights of this role.			
Actions 🕶 View 💌 🕂 Add 💥 Remove 🖙 Undo 🔇 Refresh	Er Detach		
Policy Name Policy Description Pending Action			
Collection User Collection User			
Consider & 2004, 2015, Constant African Ministra mound			
oopyngin @ 2001, 2010, Oracle analor is animates. An ngins reserved			

25. In the pop-up window, click the **Search** icon to display list of access policies.

Figure 3–70 Search Access Policy

Settings for myrealm - ui_dom × 💽 Identity Self Service × +		The December Late as Second as a Manual New						x
Comparison of the state of the	k_adf.ctrl-state=c8anndfo0	5&_afrLoop=51644994452215388_afrWindowMode=2&_afrWindowId=1ao8qglvd0	🔍 🤁 🔣 = Google		₽ ☆ 1	+	ŧ	≡
👻 JIRA 🗌 Assignments 🗷 OPENGROC 🗌 BPM Worklist - IUT2.4 😇 OBP - IUT2.4	🖸 APM - JUT2.4 🥃 OBI	P -ST 2.4 -T07 Online 🧧 OBP - ST 2.4 - T07 Batch 🧧 OBP - ST 2.4 - T09 Batch 🗢 Open Groc -Collections 📒 AmEx	E Fusion-HCM OBP Collections - WI	IKI				
ORACLE	Identity Sel	f Service	Sandboxes Customiz	ze xelsysadm 👻 🚥				Î
Homo Polos - COLL	11050							
A A A A A A A A A A A A A A A A A A A	dd Access Poli	cles	×					
COLL_USER Attributes Hierarch	Search Policy Nan Results	e Fearch for Policies and Add them to the Select	cted items table below	Apply Revert				I
Add access policies t	View 🔻 🖼							
Actions - View	Policy Name	Policy Description						
	1							
Policy Nar	Collection User	Collection User - Access Policy						
Collection U	hello	hello						ł
Copyright © 2001, 2015, Or		✓ Add Selected 😵 Add All ∨ Remove Selected ⊗ Remove All						I
	Selected Policies							
	View v							
	Policy Name	Policy Description						
	No data to display.							
			Select Cancel					
								Ľ
								•

26. Select the access policy just created through the above steps, and click **Add Selected**. This will populate the selected access policy in the Selected Policies table.

Figure 3–71 Add Selected Policy

Settings for myrealm - ui_dom × / 🖸 Identity Set Service × +		- 0	- X
🛞 🖲 10134153131 4000 identity/taces/home?.jelf.no-rew-window-redirect-true@.jelf.cti-tates=Cland100,58,ylf1.cops:516449445221538@.ylfWindowMode=28,ylfWindowM	ple	▶ ☆ 由 非 余	=
😤 JRA 🔄 Assignments 🛃 OPENGROC 🔄 BPM Worklist - BUT2A 🥌 OBP - JUT2A 🔄 APM - JUT2A 🔄 OBP - 5T 2.4 - 100 Online 🚍 OBP - 5T 2.4 - 100 Batch 🚍 OBP - 5T 2.4 - 100 Batch	tions - WIKI		
Sandboxes C	ustomize xelsysadm v •••• Self Service Manage		Í
Home Roles x C(Add Access Policies	×		
COLL_USER Attributes Hierarch Add access policies Add access policies View v	Apply Revert		
Actions View Policy Name Policy Description			
Policy Nar Collection User - Access Policy			
Collection U helio helio Copyright © 2001, 2015, Or Copyright © 2001, 2015, Or Cop			
Selected Policies			
View •			
Policy Name Policy Description	-		
Collection User Collection User - Access Policy Select Can	ncel		

- 27. Click **Select**. The pop-up window closes and the access policy populates for the role.
- 28. Click **Apply** to finally associate the access policy with the role.

Figure 3–72 Apply Policy

Settings for myrealm - ui,dom X 🔁 Identity Set Service X +		6	1	×
💽 🛞 183843331314000/denthy/faceu/home?_adf.no-new-window-referent-true&_adf.cot-state-damodte0_58_aff.cop=516409445221388_affWindowMode=28_a	Google P	☆ 自 ♣	÷	≡
😰 BRA 📄 Assignments 🔄 OPENGBOC 📄 BPM Worklist - 5U724 🕿 OBP - 1U724 🧮 APM - 5U724 🥌 OBP - 51724 - 107 Online 🗮 OBP - 51724 - 107 Batch 💭 OBP - 51724 - 109 Batch 💭 Open Groc - Collections 🚆 Arrêx 📮 Fusion-HCM 🚍 OBP	Collections - WIKI			
Sandboxes	Customize xelsysadm v			
ORACLE [®] Identity Self Service	Self Service Manage			
Home Roles x COLL_USER x				
COLL_USER	Apply Revert			
Attributes Hierarchy Access Policy Members Organizations				
Add access policies to define access rights of this role.				
Actions 🗸 View 🖌 🕂 Add 💥 Remove 🕥 Undo 🚫 Refresh 🛛 📴 🔄 Detach				
Policy Name Policy Description Pending Action				
Collection User Collection User				
Copyright © 2001, 2015, Oracle and/or its affiliates. All rights reserved				
				-

29. Verify the access policy-role association from the **Access Policy** tab similar to step 18.

Figure 3–73 Verify Policy

4.153.13:14000/xIWeb					
	App/ManageAccessPolicies.do				
	Policy Owner Type Role Policy Owner COLL_USER Retrofit Access Policy Yes Priority 1		Role COLL_USER Yes 1		
Resources to b	e provisioned by this access	policy		Change	
Resource Name	Revoke if no longer applies	Disable if no longer applies	Process Forms		
Collection Use	r 🗸	×	Collections User	Edit	
(i) 1	There are no resources to be	denied by this access policy.			
Roles for this a	occess policy				
Roles Name		COLL_USER			
Exit					

30. Restart OIM Admin and Managed Servers.

3.3.9 Create Form Associated with Application Instance

To create forms associated with the resource objects, and subsequently with the application instances, follow the below steps:

- 1. Log in to Oracle Identity System Administration.
- 2. Create and activate a sandbox. For detailed instructions on creating and activating a sandbox, see Chapter 3.3.3 Collection Sandbox
- 3. In the left pane, under Configuration, click Form Designer. The Form Designer page is displayed.

Figure 3–74 Create Form - Form Designer

ORACLE' Identity Syst	em Administration	Accessibility Sandboxes (CollectionsDev	/) Help Sign Out xelsysadm 📿
Event Management Reconciliation	Manage Sandboxes × Form Designer × Search Forms		×
Policies Approval Policies	▲ Search		Saved Search (Implicit Search •
Access Policies	Resource Type		Casrch Barat Cava
Second Policy	Search Results		Scalor Reset Save
📰 Form Designer 🔯 IT Resource	Actions View Create Open Row Form Name	Туре	Resource Type
Generic Connector	No data to display.		
▲ System Entities			
System Management Jess Scheduler Anotification Jessen Configuration Jessen Configuration Jessen Configuration Jessen Connector Jessen Connector Jessen Connector			
Dipgrade			

- 4. Click **Create** on the toolbar. The **Create Form** page is displayed.
- 5. In the **Resource Type** field, verify the name of the resource object with which the form is associated is displayed. To change the resource object name, click the Search icon next to the **Resource Type** field, and search and select a name from the **Search and Select: Resource Type** dialog box.

Figure 3–75 Create Form - Resource Type

ORACLE' Identity Syst	em Administration	Accessibility Sandboxes (CollectionsDev) Help Sign Out xelsysadm	Ç
Event Management Reconciliation	Form Designer X III Create Form X New form for	de Crea	te
Policies Approval Policies Access Policies Access Policies Attestation Configuration Access Policy	Form Name		_
Configuration Form Designer Transport Generic Connector Application Instances Connector Connect	Available form fields		
	view • Description # Display Name Description No data to display.	Bulk Update	
System Hanagement G Scheduler Notification Mostification Mostification Monage Connector Minort Menage Connector Minort Menage Connector Minort Monage Connector Monage Connector Monage Connector Monage Connector			

6. Select **Resource Type** as **Collections User** and provide a name for the form (for example, CollectionsUserForm).

Identity System Administration Form Designer × Create Form × Event Mar Rec 🕂 Create New form for Policies
Approval Policies Resource Type Q * Form Name Access Policies Attestation Configurat 🗞 Password Policy Configuration Search and Select: Resource Type 🔅 IT Resource Available form fields Generic Connector Advanced Search Application Instances Name 👸 Lookups View 👻 🔛 Detach Search Reset System Entities # Display Name No data to display. Bulk Update Catalog Coli System Manager System Configuration Import 😭 Export Upgrade OK Cancel

Figure 3–76 Create Form - Resource Type (Collection User)

Available Form Fields will get displayed in the below section of the page.

Figure 3–77 Create Form Resource Type - Available Form Fields

ORACLE' Identity Sy	stem Admini	stration			А	ccessibility	Sandboxes (CollectionsDev)	Help	Sign Out	xelsysadm
Event Management Reconciliation	Form Designer	× 📰 Create Form ×								👍 Crea
Policies Approval Policies Access Policies Access Policies Attestation Configuration An Password Policy	Resource Type * Form Name	e Collection User CollectionsUserForm	Q							
Configuration From Designer T Resource Generic Connector Application Instances	Available fo	orm fields								
● Concepts ▲ System Entities 後 User 級 Organization 資料 Role ↓ Catalog	# 1 2 3 4 5	Display Name Collections Server Instance First Name Last Name User Login Email Id		Name UD_COLL_USR_COLL_SERVER UD_COLL_USR_FIRST_NAME UD_COLL_USR_LAST_NAME UD_COLL_USR_USRR_LOGIN UD_COLL_USR_EMAIL	Description Collections Server Instance First Name Last Name User Login Email Id				Bulk Upd	ste
✓ System Management Scheduler Notification System Configuration Manage Connector Manage Connector Manage Connector Manage Connector Manage Connector	4	End Date Collections User Group		UD_COLLUSR_END_DATE	End Date Collections User Group					

Form fields corresponding to the UD_COLL_USR process form fields.

Below are the fields available for the form:

Display Name	Name	Length	Field Type
Collections Server Instance	UD_COLL_USR_COLL_SERVER		ITResourceLookupField
First Name	UD_COLL_USR_FIRST_NAME	256	Display Only Field
Last Name	UD_COLL_USR_LAST_NAME	256	Display Only Field
User Login	UD_COLL_USR_USER_LOGIN	256	Display Only Field
Email ID	UD_COLL_USR_EMAIL	256	Display Only Field
End Date	UD_COLL_USR_END_DATE	256	Display Only Field
Collections User Group	UD_COLL_USR_COLL_USER_ GROUP	20	LookUpField

Table 3–7 UD_COLL_USR process form fields

The **Collections Server Instance** field is used to specify the type of server for the IT resource. This field will not be visible in the **User Details** page.

7. Click Create.

A message is displayed stating that the form is created.

Figure 3–78 Create Form Resource Type - Create

ORACLE' Identity Syst	tem Adm	inistr	ation				Accessibility	Sandboxes (CollectionsDev)	Help	Sign Out	xelsysadm
Event Management Reconciliation	Form Design	ner × m for	Create Form ×								👍 Creat
Policies Approval Policies Access Policies Access Policies Attestation Configuration	Resource *	Type C Name C	Collection User	9							
 ♣ Password Policy ✓ Configuration III Form Designer ♣ IT Resource ♠ Generic Connector 	Availabk	e form	ı fields								
E Application Instances		View 🔻	Detach		Name	Description				Bulk Lind	ate
✓ System Entities روی User Crganization کی Role Catalog		 Disp 1 Coll 2 Firs 3 Las 4 Use 5 Ema 	lections Server Instance it Name t Name er Login ail Id		UD_COLL_USR_COLL_SERVER UD_COLL_USR_FIRST_NAME UD_COLL_USR_LAST_NAME UD_COLL_USR_LUSER_LOGIN UD_COLL_USR_ENALL	Collections Server Instance First Name Last Name User Login Email Id					BIC
System Management Scheduler Notification System Configuration	•	6 End 7 Coll	l Date lections User Group		UD_COLL_USR_END_DATE UD_COLL_USR_COLL_USER_GROUP	End Date Collections User Group					
Manage Connector 출 Import 全 Export											

- 8. Refresh the Search Results in Form Designer page.
- 9. Select the **CollectionsUserForm** from the results.

Manage CollectionsUserForm page is displayed.

Figure 3–79 Manage Collections User Form

ORACLE Identity Syste	em Admin	histrat	tion							Accessibility Sa	ndboxes (Collection	nsDev) Help Sig	n Out xelsysadm 읻
Event Management Seconditation Policies Approval Policies	Form Designer Collections Fields Ch	r × // sUserl	© Mana Form :ts	ıge Colli	ectionsUserFor ×						ß	Regenerate View	Import/Export
Access Policies	Standard	,.			Custom								
& Password Policy	Action 👻 🕚	View 🔻	1	R	Action - View -	4	/ 🚯 🗟	Search Display	/ Label 💌		*		
	Display Label	1	Name		Display Label	$\blacksquare \nabla$	7 Name		Type		Description		Parent Field
	No standard f	fields are	e availabl	e.	Collections Server Ins	tance	UD_COLL_USF	_COLL_SERVER	Number				
Eorm Designer					Collections User Group)	UD_COLL_USF	_COLL_USER_GRO	OUP Lookup <lookup.c< td=""><td>ORMB.USER.GROUPS></td><td></td><td></td><td></td></lookup.c<>	ORMB.USER.GROUPS>			
IT Resource					Email Id		UD_COLL_USF	_EMAIL	Text				
Generic Connector					End Date		UD_COLL_USF	_END_DATE	Text				
C Application Instances					First Name		UD_COLL_USF	_FIRST_NAME	Text				
A Lookups					Last Name		UD_COLL_USF	_LAST_NAME	Text				
					Service Account		serviceaccoun		Checkbox				
System Entities					User Login		UD_COLL_USP	_USER_LOGIN	Text				
(D) User													
a Organization													
👸 Role													
Catalog													
System Management													
↓ Upgrade													

- 10. If required, you can export the sandbox to store all the changes made in your sandbox.
- 11. Publish the sandbox.

3.3.10 Create Application Instance

Application Instance wraps IT resource collection arguments and resource object collection user. Below is the configuration to create Collections Application Instance:

- 1. Log in to Oracle Identity System Administration.
- 2. In the left pane, under Configuration, click **Application Instances**. The Application Instances page is displayed.

Figure 3–80 Creating Application Instance

Event Management Reconciliation Policies	Application Inst Search Applic	ances × ation Instanc	es									
Approval Policies	Search								Save	d Search Sea	rch Applicati	on Instances 💌
Access Policies	Match All Resource) Any Object Starts with										
Configuration	Display IT Resource In	Name Starts with stance Starts with										
 다 Resource 다 Generic Connector 다 Application Instances 	Search Resu	ts							Sear	ch Reset	Save	Add Fields 🔻
Cookups 👸	Actions - Vie	w 👻 📌 Create	🖉 Open	💥 Delete	🚱 Refresh		Detach					
System Entities												
ැන User කි Organization හී Role ම Catalog	Row Display Nar No data to displa	y Y	D	escription		R	esource Object	IT Resource	Instance			
System Management Scheduler Notification System Configuration	•											
🙀 Manage Connector 💩 Import 🎓 Export												
🕽 Upgrade		Column	s Hidden	4								

3. Click Search. The search result is displayed in a tabular format.

If an **Auto Generated Application Instance for Resource** appears in the search results, you have to delete it using the steps below. If **Auto Generated Application Instance for Resource** does not show in the search results, skip below steps and move to step 4.

a. Select Auto Generated Application Instance for Resource: Collection User and IT Resource: Collection Arguments row from the search results.

Figure 3–81 Creating Application Instance - Search

DRACLE Identity System A	dministration Accessibility Sendoces inde Spridut advasces
System Administration	ja Manage Sandboxer Application Instances
S Event Management	Search Application Instances
Policies Approval Policies Access Policies Access Policies Accession Configuration Accession Configuration	Kearch Sand Sarch Sarch spicaton Instance Konver Olicit Sarch mail and Sarch mail Sarch mit T
✓ Configuration	IT Resource Instance (Same of Internet) Search Resetts Search Resetts Actions + Vers + ♦ Creat: ✔ Search 및 Delate By Refresh
System Hanagement Scheduler Artofication Different Configuration Ranage Connector	Nov Disjoy kave Besourse Origin Kave Besourse Collection User and IT Resource: Collection Arguments Auto General: Collection User and IT Resource: Collection Arguments Auto General: Collection User and IT Resource: Collection Arguments

b. From the Actions menu, select **Delete**. Alternatively, click **Delete** on the toolbar. A message box is displayed asking for confirmation.

Figure 3–82 Creating Application Instance - Delete

System Administration	Application Instances
Event Management Reconciliation	Search Application Instances
Policies Approval Policies Access Policies Access Policies Attestation Configuration Configuration Policy	Saved Search Saved Search Search Application Instances Match All Any Resource Object Starts with Starts with T
Configuration Form Designer Configuration C	IT Resource Instance Starts with Search Results Actions - View - Yearch @ Preste Open Protect Protect Control Control
System Management Solution S	Row Deglay Name Description Resource Collection User and IT Resource: Collection Arguments Auto General Collection User Collection Arguments Collection User Collection Arguments

c. Click **Delete** to confirm. The application instance is soft-deleted in Oracle Identity Manager.

Sign Out xelsysadm

Save... Add Fields 👻

0

ices 💌

DRACLE' Identity System A	dministration	Accessibility Sandboxes H
System Administration	Application Instances	
Event Management	Search Application Instances	
Policies Approval Policies Access Policies Ac	with with with with with with with with	Saved Search Sear
Configuration Form Designer T Resource Generic Connector	IT Resource Instance Starts with 💌	Search Reset
Application Instances	Search Results Actions + View + 💠 Create 🥖 Open 💥 Delete 🍓 Refresh 📰 🚮 Detach	

Figure 3–83 Creating Application Instance - Confirm Delete

00 coordpa					
System Management	Row Display N 1 Auto Ger	ame errated Application Instance for Resource: Collection User and IT Resource: Collection Arguments	Description Auto Genera	Resource Object Collection User	IT Resource Instance Collection Argument
System Configuration		🛦 Warning			
Import Export VUpgrade	4	Confirm Delete Are you sure you want to perform the action: delete for the selected object:Application Instance - Auto Generated Application Instance for			
Upgrade User Form		Resource: Collection User and IT Resource: Collection Arguments?			
Upgrade Organization Form Upgrade Application Instances		Delete Can			

A message gets displayed that the application instance has been deleted successfully.

Figure 3–84 Creating Application Instance - Delete Message

ORACLE Identity System Administration			Accessibility Sandboxes Help Sign Out xelsysadm 🔘	
System Administration	Manage Sandboxes	1	 Application Instance Auto Generated Application Instance for Resource: Collection User and IT Resource: Collection Arguments is deleted successfully 	
Event Management Reconciliation	Search Application	Ins	stances	

- d. Login to Oracle Identity System Administration. In the left pane, click Scheduler under System Management.
- e. A new window opens for Advanced System Administration. Click the System Management tab, and then click **Scheduler** tab.
- f. Click the search icon next to the Search Scheduled Jobs field.

Figure 3–85 Creating Application Instance - System Management Tab

ORACLE' Identity System Admini	stration	Signed in as xelsysadm Help
Event Management Policies System M	lanagement	
Scheduler Notification System Configuration		
Search Scheduled Jobs	Welcome	
Advanced Search	Welcome to Identity System Administration	
Actions • View • 2 2 2 2 2	Event Hanagement	
	Search Approval Policies	
	System Hanagement Search Scheduled Jobs Search Notification Templates Search System Properties	

A list of all predefined scheduled jobs is displayed



System comparation		
earch Scheduled Jobs		Welcome
•		Welcome to Identify System Administration
dvanced Search		Welcome to Identity System Administration
Actions • View • 🧷 🗣 💥 🖼		Event Management
Inch Name	Status	Search Reconciliation Events
Application Instance Post Delete Processing Joh	Stoned	
Attestation Grace Period Expiry Checker	Stopped	
utomated Detry of Failed Async Task	Stopped	Deliving
automatically Unlock User	Stopped	Pointes
ulk Load Archival Job	Stopped	Su Search Approval Policies
Bulk Load Post Process	Stopped	
atalog Synchronization Joh	Stopped	
ataCollection Schedule Job	Stopped	
Delayed Delete User	Stopped	System Management
Disable/Delete Liser After End Date	Stopped	Search Scheduled Jobs
nable Liser After Start Date	Stopped	Search Notification Templates
intitlement Assignments	Stopped	Courte Sustem Branartian
intitlement List	Stopped	Sal Search System Properties
intelement Post Delete Processing Joh	Stopped	
valuate Liser Policies	Stopped	
usion Applications Role Category Seeding	Stopped	
Set SOD Check Results Approval	Stopped	
Set SOD Check Results Provisioning	Stopped	
nitiate Attestation Processes	Stopped	
ssue Audit Messages Task	Stonned	
ob History Archival	Stopped	
DAP Role Create and Update Full Reconciliation	Stopped	
DAP Role Create and Update Reconciliation	Stopped	
DAP Role Delete Full Reconciliation	Stopped	
DAP Role Delete Reconciliation	Stopped	
DAP Role Hierarchy Full Reconciliation	Stopped	
DAP Role Hierarchy Reconciliation	Stopped	
DAP Role Membership Full Reconciliation	Stopped	
DAP Role Membership Reconciliation	Stopped	
DAP User Create and Update Full Reconciliation	Stopped	
DAP User Create and Update Reconciliation	Stopped	
DAP User Delete Full Reconciliation	Stopped	
DAP User Delete Reconciliation	Stopped	
DAPSync Post Enable Provision Role Hierarchy to LDAP	Stopped	
DAPSync Post Enable Provision Role Memberships to LDAP	Stopped	
DAPSync Post Enable Provision Roles to LDAP	Stopped	
DAPSync Post Enable Provision Users to LDAP	Stopped	
the state of the state states	Channed	

- g. Select Application Instance Post Delete Processing Job from the list.
- h. Run the Application Instance Post Delete Processing Job scheduled job using the Delete Mode. For this, enter Mode as **Delete** in Job Details page.

Note

Using the Delete mode hard-deletes the accounts from all provisioning tasks and targets, and subsequently from Oracle Identity Manager.

ent Management Policies Syst	tem Management					
heduler Notification System Configur	ation					
arch Scheduled Jobs	Welcome Job De	tails				
•	Job Dotaile (Applie	ation Instance	Doct Dolota	Drococcing Job		
vanced Search	Job Details : Applic	ation instance	Post Delete	Processing Job		* Indicates required fit Apply Run Now Stop Enable Disable Refr
Actions 👻 View 👻 🥒 🎴 🕺 🔛						
ne	Job Information					
tion Instance Post Delete Processing Job		Job Name Applicat	ion Instance Post	Delete Processing Job	Period	ic.
tion Grace Period Expiry Checker		Task Applicat	ion Instance Post	Delete Processing Task		
ted Retry of Failed Async Task		* Debries			Schedule Type	
tically Unlock User		- Ketries		5	🔘 Single	
ad Archival Job					No pre	-defined schedule
d Post Process	ash chahur					
Synchronization Job	JOD Status					
action Schedule Job	Cu	rrent Status Stopped				
Delete Licer	La	st Run Start Septem	ber 17, 2013 6:1	7:55 PM IST		
Jelete User After End Date	Li Li	ast Run End Septem	ber 17, 2013 6:1	7:56 PM IST		
ear After Start Date	Next Sch	eduled Run				
ser Arter Start Date	Demonstrate					
ent Assignments	Parameters					
ent List	* Application Inst	tance Name ALL				
ent Post Delete Processing Job		Patch Cine		EOO		
User Policies		batch Size		500		
pplications Role Category Seeding		* Mode Delete				
Check Results Approval	July Distant	-	Possil	le values are 'Revoke'/'Delete'/'	Decommission'	
Check Results Provisioning	JOD HISTORY		10330	ine rundes are merokey beletey		
Attestation Processes						
dit Messages Task	Actions - View -	Show error deta	ils			
ory Archival	Actions	Show circl deta	1.5			
le Create and Update Full Reconciliation	Start Time	End Time	Job Status	Execution Status		
e Create and Update Reconciliation	September 17, 20	September 17, 20	Stopped	Success		
e Delete Full Reconciliation						
le Delete Reconciliation						
e Hierarchy Full Reconciliation						
e Hierarchy Reconciliation						
e Membership Full Reconciliation						
e Membership Reconciliation						
er Create and Update Full Reconciliation						
er Create and Undate Reconciliation						
ar Delete Full Reconciliation						
ar Delete Peropriliation						
er Derete Reconculation						
as Post Enable Provision Role Membrarchy						
IC FOST Enable Provision Role Members/						
IC Post Enable Provision Roles to LDAP						
The Post Enable Provision Users to LDAP						

- i. Click **Refresh** to check the Job Status.
- j. Change the value of mode back to 'Revoke'.
- k. Click Apply.

vent Management Policies Sys	m Management		
cheduler Notification System Configur	ion		
earch Scheduled Jobs	Welcome Job Details		
•	Job Details : Application Instance Post Del	ete Processing Joh	
dvanced Search	Sob Details (Application Instance Post Det	the Processing 50b	* Indicates required f
			Apply Run Now Stop Enable Disable Ref
Actions - Man - 2 3 90 178			
	Job Information		
ob Name	Job Information		
pplication Instance Post Delete Processin	Job Name Application Instance	Post Delete Processing Job	Periodic
atestation Grace Penod Expiry Checker	Task Application Instance	Post Delete Processing Task	Schedule Type Cron
utomatically Unlock User	* Retries	5	School Type Single
ulk Load Archival Joh			No pre-defined schedule
ulk Load Post Process	and Chalum		
atalog Synchronization Job	JOD Status		
ataCollection Schedule Job	Current Status Stopped		
elaved Delete User	Last Run Start September 17, 2013	6:17:55 PM IST	
isable/Delete User After End Date	Last Run End September 17, 2013	6:17:56 PM IST	
nable User After Start Date	Next Scheduled Run		
ntitlement Assignments	Parameters		
ntitlement List	8 Application Testance Name		
ntitlement Post Delete Processing Job	Application Instance Name ALL		
valuate User Policies	Batch Size	500	
usion Applications Role Category Seeding	* Mode Revoke		
et SOD Check Results Approval	(
et SOD Check Results Provisioning	Job History		
nitiate Attestation Processes			
ssue Audit Messages Task	Actions - View - Show error details		
bb History Archival	Chart Time End Time Jak Clabus	Execution Status	
DAP Role Create and Update Full Reconci	State Time End Time Job Status	Execution status	
DAP Role Create and Update Reconciliatio	September 17, 20 September 17, 20 Stopped	Juccess	
DAP Role Delete Full Reconclitation			
DAP Role Delete Reconciliation			
AP Role Hierarchy Pull Reconciliation			
DAP Role Membership Full Decenciliation			
DAP Role Membership Paranceliation			
OAP Liser Create and Lindate Full Reconci			
AP User Create and Undate Reconciliation			
DAP User Delete Full Reconciliation			
DAP User Delete Reconciliation			
DAPSync Post Enable Provision Role Hiera			
DAPSync Post Enable Provision Role Mem			
DAPSync Post Enable Provision Roles to L			
DAPSync Post Enable Provision Users to L 🖵			

Figure 3–88 Creating Application Instance - Mode Selection (Revoke)

I. Run the Catalog Synchronization Job scheduled job.

To do this, select **Catalog Synchronization Job** from the Search scheduled tasks list.

m. Click **Run Now** from the Job Details page.

Event Management Policies System	n Management			
Scheduler Notification System Configuration				
earch Scheduled Jobs	Welcome Job Details Job Details			
•	Job Details : Catalog Synchronization Job			
dvanced Search	Sob Details - Catalog Synchronization Sob			* Indicates required field
				Apply Run Now Stop Enable Disable Refres
Actions • View • 🥒 🔮 💥 🖼				
lob Name Status	Job Information			
oplication Instan Stopped	Job Name Catalog Synchronization Job			Periodic
ttestation Grace Stopped	Task Catalog Synchronization Task			Cron
utomated Retry Stopped	* Start 2		Schedule Type	Single
Automatically I Info	Date (GMT+05:30) Calc	utta - India Time (IT)		No pre-defined schedule
Bulk Load Archival Stopped	* Retries 5			
Bulk Load Post Pro Stopped	Actives 5			
Catalog Synchroni Stopped	Job Periodic Settings			
DataCollection Sch Stopped	Run every	5		
Delayed Delete User Stopped				
Disable/Delete Use Stopped	mins			
Enable User After Stopped	Job Status			
Entitlement Assign Stopped	Current Status, Stanged			
Entitlement List Stopped	Last Rus Start, March 20, 2014 2(01) 40 PM	ATCT		
Entitlement Post D., Stopped	Last Run Start March 20, 2014 2:01:40 PM	1101		
Evaluate User Poli Stopped	Next Check led Due March 20, 2014 2:01:45 PM	1151		
Fusion Application Stopped	Next Scheduled Run March 20, 2014 2:06:38 PM	1151		
Get SOD Check Re Stopped	Parameters			
Get SOD Check Re Stopped	File Path			Yes
Initiate Attestatio Stopped			Process Entitlements	No No
Issue Audit Messa Stopped	Mode Incremental			Yes
Job History Archival Stopped	Process Application Instances		Process Roles	No No
LDAP Role Create Stopped	No		Lindated Date	02/20/2014 14:01:41
LDAP Role Create Stopped			Opuated Date	03/20/2014 14:01:41
LDAP Role Delete Stopped	Job History			
LDAP Role Delete Stopped				
DAP Role Hierarc Stopped				
DAP Role Hierarc Stopped	Actions View Show error details			
DAP Role Member Stopped	Start Time End Time Job Status	Execution Status		
DAP Role Member Stopped	March 20, 2014 2: March 20, 2014 2: Stopped	Success	Table should be to the	
DAP User Create Stopped	March 20, 2014 1: March 20, 2014 1: Stopped	Success	Table showing job hi	story
DAP User Create Stopped	March 20, 2014 1: March 20, 2014 1: Stopped	Success		
LDAP User Delete Stopped	March 20, 2014 1: March 20, 2014 1: Stopped	Success		
DAP User Delete Stopped	March 20, 2014 1: March 20, 2014 1: Stopped	Success		
DAPSync Post En Stopped	March 20, 2014 1: March 20, 2014 1: Stopped	Success		
DAPSync Post En Stopped	March 20, 2014 1: March 20, 2014 1: Stopped	Success		
DAPSync Post En Stopped				
DAPSync Post En Stopped				
Non Scheduled Bat Stopped				

Figure 3–89 Creating Application Instance - Catalog Synchronization

This scheduled job identifies the soft-deleted application instances, and removes them from the catalog list.

4. Click Create on the toolbar. The Create Application Instance page is displayed.

Figure 3–90 Creating Application Instance - Create

STORE Identity Sy	stem Administration			Accessibility Sandbox	es (CollectionsDev) Help	sign Out xelsysadm
Event Management Reconciliation	Application Instances ×	Vac				l
Policies	Scarch Application filsta	110.03				
Approval Policies	Search				Saved Search Search Ap	plication Instances 🖉
Access Policies	Match All Any					Lin
The Attestation Configuration	Pacource Object Charter	ith 💻				
🗞 Password Policy	Disclass Marca Ct.	ith 🔲				
Configuration	Display Name Starts v	mui 🔳				
E Form Designer	IT Resource Instance Starts v	with				
IT Resource					Search Reset Sav	e Add Fields
Generic Connector						
🔁 Application Instances	Search Results					
🏀 Lookups	Actions - View - Crea	te 🥒 Open 💥 Delete 🙀 Refresh	Detach			
System Entities						
👌 User	Row Display Name	Description	Resource Object	IT Resource Instance		
a Organization	No data to display			er transit de andrande		
👸 Role						
Catalog						
System Management						
Scheduler						
Notification						
System Configuration						
Manage Connector						
崎 Import						
1 Export						

Figure 3–91 Creating Application Instance - Attributes Tab

ORACLE' Identity Syst	tem Administration				Accessibility	Sandboxes (Collectio	nsDev) Help Sign (Out xelsys	sadm 🤆	D
⊿ Event Management	Application Instances × Creat	e App Instance ×							×	
Reconciliation	Create Application Inst									
Policies	Create Application first	lince								
Approval Policies	Attributes									
Access Policies							*Required Field	Save C	ancel	
Attestation Configuration										
Lassword Policy										
Configuration	* Name									
E Form Designer	Name									
() IT Resource	* Display Name									
Generic Connector	Description									
Application Instances										
💏 Lookups										
System Entities										
👌 User	Disconnected									
a Organization	* Decource Object			0						
👸 Role	Resource object									
Catalog	* IT Resource Instance			Q						
⊿ System Management	Form	Edit (d) F	Refresh							
E Scheduler										
🔔 Notification	Parent AppInstance			9						
🖉 System Configuration										
Manage Connector										
💁 Import										
😭 Export										
👂 Upgrade										

5. Specify following values:

Name: Collections

Display Name: Collections

Description: Collections application instance

Resource Object: Collection User (click Search icon to search)

IT Resource Instance: Collection Arguments (click Search icon to search)

Form: CollectionsUserForm

Note

The form attached to the application instance is created in section Chapter 3.3.9 Create Form Associated with Application Instance.

6. Click Save.
Figure 3–92 Creating Application Instance - Save

ORACLE' Identity Syst	em Administration		Accessibility	Sandboxes (CollectionsDev) Help Sign Out xelsysadm Q
Event Management Reconciliation Policies	Application Instances × C Create Application I	reate App Instance ×		X
Approval Policies Access Policies Access Policies	Attributes			*Required Field Save Cancel
Password Policy Configuration Form Designer Tresource Generic Connector	* N * Display N Descrip	ame Collections ame Collections tion Collections application instance		
Application Instances Cookups System Entities User	Disconner	.:i)		
Grganization Grganization Grganization Grganization Grganization Grganization Grganization	* Resource Ob * IT Resource Insta	ject Collection User		
Scheduler Kotification System Configuration	F Parent AppInsta	orm CollectionsUserForm 💽 🖉 Edit 🔞 Refresh		
Manage Connector Manage Connector Manage Connector Import Export Upgrade				

Application instance is created successfully.

Figure 3–93 Creating Application Instance - Created Successfully

ORACLE' Identity Syst	em Administration			Accessibility Sandboxes (CollectionsDev) Help Sign Out xelsyse	adm 📿
Event Management Reconciliation Policies Approval Policies	Application Instances × Search Application Instance	s		Saved Search Search Application Instance	es 💌
Access Policies Attestation Configuration Attestation Configuration Access Policy Configuration Toronguration Toronguration Generic Connector	Match () All () Any Resource Object Starts with Display Name Starts with IT Resource Instance Starts with	x x		Search Reset Save Add Field	ids 🔻
Application Instances Cookups System Entities Cookups User	Search Results Actions • View •	🖉 Open 💥 Delete 🙀 Refresh 📑	Detach		
Sorganization	Kow Display Name 1 Collections	Description Collections application instance.	Collection User	11 Resource Instance Collection Arguments	
✓ System Management It Scheduler ↓ Notification ✓ System Configuration It Manage Connector ③ Import Paport					
Dpgrade	Columns I	fidden 4			

3.3.11 Security Configuration

Relevant client security policy must be configured mapping to service policy.

Default service policy configured for Collections User Provisioning is 'oracle/wss_saml_or_username_ token_service_policy'. Below configuration is required to configure client security policy.

Note

Current implementation is tested with 'oracle/wss_username_token_ client_policy' client security policy.

- 1. You must enable security flag to **true** in IT Resource Collections Arguments (isSecurityEnabled = true). If isSecurityEnabled flag is false then security policies are not applied.
- Provide relevant client side policy name in IT Resource Collections Arguments (securityPolicy = oracle/wss_username_token_client_policy).
- 3. Required properties for policy are to be provided in the form of key-value pair in Lookup.

Create lookup LOOKUP.COLL.SECURITY.PARAMS and add properties in Code and meaning fields. Configured Lookup name must be provided in IT Resource Collections Arguments (securityParamLookup = LOOKUP.COLL.SECURITY.PARAMS).

Meaning: oracle.wsm.csf-key

Code: obp-collections

Figure 3–94 Create Lookup Type

Edit Lookup Ty	/pe					
* Meaning Code	LOOKU LOOKU	IP.COLL.SECURITY.PA IP.COLL.SECURITY.PA	RAMS RAMS	Description		
Lookup Cod	es					
View 🗸 📘	• ×	detach				
* Meaning		* Code	Enabled	Sequence	Description	
oracle.wsm.c	sf-ke _l	obp-collections	V			
						Save Cancel

Further configured key value pair would be added programmatically in **BindingProvider Request Context**.

- 4. User credentials must be stored in the Weblogic Credential Store for **oracle/wss_username_token_ client_policy** client policy.
 - Log in to weblogic domain Enterprise Manager where OIM is deployed http://<host>:<port>/em/.
 - Navigate to Farm_OIMDomain > Weblogic Domain > OIMDomain.
 - Right click to open Security > Credentials.



Figure 3–95 Farm_OIM Domain

5. Create key under **oracle.wsm.security** node named **obp-collections** as shown below. Provide system user (**OIMOBPCOLL**) and password as created above.

Figure 3–96 OIM Domain - Create Key

	nager 11g Fusion Middleware C	ontrol				Setup 🗸 Help 🖌 Log Ou
📑 Farm 👻 🔒 Topology						
I ▼	OIMDomain ()					Logged in as weblogi
Application Deployments						Page remember sep as as as as an as
Application Deployments Application Deployments Application Deployments Methods: Application Deployments Methods: Administration Adm	Credentials A credential store is the repository provided to store and manage the Credential Store Provided Credential D ADF D PM-CRYTO D PM-CR	of security dela that co or edentials securely. ey / Edit Create Key Select Map	Control of the sutherity of the sutherit	f entities used by Java 2, J2EE	, and ADF applications. Application	is can use the Credential Store, a single, consolidated service
	© Notification.Provic © recent values key [8] ☐ OVD_oim	* Key Type * User Name * Password * Confirm Password Description	obp-colections Password iomotocol iomotocol			

Note

Service policies are configured in **OBPSecurityAnnotations.properties.** Collections User Provisioning service policy is configured by adding below entry in the properties file:

```
com.ofss.fc.app.collection.service.userprovisioning.ORMBUserProvisioningAppl
icationService=oracle/wss saml or username token service policy
```

Further this configuration would be read in OBP programmatically and 'oracle/wss_saml_or_username_ token_service_policy' policy would be attached to

'com.ofss.fc.app.collection.service.userprovisioning.ORMBUserProvisioningApplicationService' service.

3.4 OBP-Collections Configuration

OBP Collections provides feature configuration C1-USRPROV to specify default values of the following:

- Default User Group: Default Collections User Group. It is used by system only; user should not add it
 manually. See the OBP Collections Day Zero Setup guide to get configured default user group.
- User Display Profile: Display profile value for OBP Collection User, configure as per your environment.
- User Expiry Date: Default value of User expiry date. If expiry date is not provided this value is used. It should be in format YYYY-MM-dd.

Note

Feature Configuration can be updated using native OBP Collections admin screens.

Figure 3–97 Collections Configuration

	२,	ACLE: OBP (Collection A	dmin		About 🚺 English System 🔻				
Â	Но	ome 🗮 Menu 💋	Admin <	History	🝞 Help					
Feat Main Featur	Feature Configuration Bookmark Duplicate Delete Clear Save Refresh Amin Messages Feature Name C1-USRPROV Q									
Featur Descri	Feature Type User Provisioning Description UserProvisioning custom properties									
		Option Type	Sequence	Value	Detailed Description					
+ 1	Ì	Default User Group 🔻	1	CLNHOSTUSER	Default user group value. It is used by system only.					
+ 1	ĩ	User Display Profile •	1	NORTHAM	Display profile value for user.					
+ 1	Ì	User Expiry Date •	1	2100-01-01	Default user expiry date value. It should be in format YYYY-MM-DD.					
						۰.				

4 User Fields and Constraints

This chapter provides information on the user provisioning fields and related constraints.

4.1 User Fields Provisioned From OIM

You must follow the constraints (listed in the table below) to provision user to OBP Collections irrespective of the constraints in OIM.

Irrespective of the field length allowed in OIM, you should restrict the field length to the specified values (in table below) for successful provisioning of user data. In case, if field length exceeds the specified limit, then data would be truncated and stored in OBP Collections.

The following table lists OBP Collections User fields (provisioned from OIM) and its constraints.

Field Name in OIM	Field Name in ORMB	Length	Mandatory (Y/N)	Modifiable (Y/N)	Comments
User Login	User Id	255	Y	N	You can modify this field name.
First Name	First Name	50	Y	Y	Users First Name
Last Name	Last Name	50	Y	Y	Users Last Name
Email	Email Address	70	Y	Y	Users Email address
Collections User		20	Ν	V	Collections User Group represents User Group in OBP Collections.
Group	User Group			T	For every User, default User Group is populated in OBP Collections.
End Date	Date	N	Y	User's Log in expiry date.	

Table 4–1 OBP Collections User Fields

Note

- User creation from Native Collections is primarily discouraged. But in case of any failure in provisioning through OIM you can create or update the users through Native Collections screen. Below are the constraints to be followed when user is to be created through Native Collections:
- Collections does not support User login in lowercase. User Login must be entered in uppercase only. (Same should be taken into account while creating user through OID or OIM.)
- Only system admin users will have access to create or modify users via Native Collections screen.



Figure 4–1 Create User - Mandatory and Optional Attributes

5 Functional Flow

This chapter provides information on user provisioning activities.

5.1 Add Users in Collections

To add a user in OBP Collections, follow the steps:

1. Log in to Oracle Identity Self Service.

Figure 5–1 Oracle Identity Self Service Login Screen

ORACLE Identity Self Service		Accessibility Help About Oracle 으
	Sign In	
	Sign in with your account User ID Password Sign In Forgot User Login? Forgot Password? New User Registration Track My Registration	
Copyright © 2001, 2013, Orade and/or its affiliates. All rights re	erved	

2. In the left pane, under Administration, click **Users**.

The **Users** page is displayed.

Figure 5–2 OID User Screen

ORACLE' Identity	Self Service							Accessibility	Sandboxes	Customize	telp Sign Ou	ıt xelsysad	m (
n Home	🏠 Users ×												
🔯 Inbox	Search Users												
My Profile	Search									Sav	ed Search	earch User	•
🗞 My Access	Match 💿 All 🔘	Any											
⊿ Requests	User Login	Starts with		Start Date	Equals	•		20					
Catalog	First Name	Starts with		End Date	Equals	-		20					
🍘 Track Requests	Last Name	Starts with		Display Name	Starts wit	h 💌							
Pending Attestations	Identity Status	Equals	•	Account Status	Equals	•	•						
Administration	E-mail	Starts with		Organization	Equals			9					
බිනු <u>Users</u> බීහි Roles									Sea	rch Reset	Save	Add Fields	3 🕶
Role Categories	Search Results	5											
👼 Organizations	Actions - View	👻 🍓 Create 🝓 Refresh 📑	Detach										
Attestation Dashboard													
Dpen Tasks	Row Display Name	e User Login	First Name	Last Name	O	ganization	Telephone Number	E-mail	Ider	ntity Status	Account Stat	us	
	No data to display												
-													

3. Click **Create** on the toolbar to display the **Create User** page.

Figure 5–3 Create User Screen

ORACLE' Identity	Self Service		Accessibility Sandboxes Customize Help Sign Out xelsysadm 📿
	👌 Users × 🔒 Create User ×		
Inbox	Create User		Submit Cancel Save as Draft
My Profile	Justification and Effective Date		
Catalog Arck Requests	Effective Date	.:: io	
Pending Attestations	Basic Information		
a Users	First Name	Manager	٩,
🖓 Roles	Middle Name	* Organization	۹.
Role Categories	* Last Name	* User Type	
Crganizations	E-mail	Display Name	
in Open Tasks	Account Settings		
	User Login		
	Password		E
	Confirm Password		
ł	Account Effective Dates		
	Start Date		
	End Date		
	Provisioning Dates		
	Provisioning Date		
	Deprovisioning Date		
	Contact Information		
	Telephone Number	Postal Address	
	Home Phone	Postal Code	
	Fax	PO Box	
	Mobile	State	
	Pager	Street	
	Home Postal Address	Country	
	Preferences		
	Locale		
	Timezone		
			•

4. In the Create User screen, specify the following values. For example:

First Name: Harry

Last Name: Potter

Email: harry.potter@oracle.com

Organization: Requests (required for OIM)

User Type: Employee (required for OIM)

User Login: HARRYPOTTER

Password: *******

Confirm Password: ********

End Date: Oct 30, 2018

Figure 5–4 Search and Select Organization

Search and Select: Organization	×
≥Search	A <u>d</u> vanced
Match 🔘 All 🔘 Any	
Organization Name	
Туре	
Organization Status	
Parent Organization Name	
	Search Reset
Organization Name	Туре
Xellerate Users	System
Тор	System
Requests	System
< <u> </u>	•
	OK Cancel

Figure 5–5 Create User

ORACLE' Identity	Self Service	Accessibility Sar	ndboxes Customize Help Sign Out xelsysadm Ϙ
🔡 Home	👌 Users × 🔒 Create User ×		×
🔯 Inbox	Create User		Submit Cancel Save as Draft
⊿ My Profile	Justification and Effective Date		
My Information	Justification		
🗞 My Access			
A Requests		.::	
Catalog	Effective Date	20	
Pending Attestations			
4 Administration	Basic Information		
busers	First Name Harry	Manager	<u> </u>
8 Roles	Middle Name	* Organization Requests	
Role Categories	* Last Name Potter	* User Type Employee	
😹 Organizations	E-mail harry.potter@oracle.com	Display Name Harry Potter	
Attestation Dashboard	Account Settings		-
Open Tasks	Liser Login HARRYPOTTER		=
	Barryund assass		
	* Confirm Document		
•	Commit assion		
	Account Effective Dates		
	Start Date		
	End Date 10/30/2014		
	Provisioning Dates		
	Provisioning Date		
	Deprovisioning Date		
	Contact Information		
	Telephone Number	Postal Address	
	Home Phone	Postal Code	
	Fax	PO Box	
	Mobile	State	
	Provic	Steat	
	Home Destal Address	Country	
	nome Postal Address	Country	
	▲ Preferences		
	Locale		-

5. Click Submit to save user details in OID.

Once user data is saved successfully, the **Attributes** screen appears. A confirmation message appears to confirm that the user is successfully added to OID.

Note

Successful user creation in OID does not guarantee that the user is provisioned to Collections.

Figure 5–6 User Created

ORACLE' Identity	Self Service		Accessibility Sandboxes Customize Help Sign Out xelsysadm 📿
🔠 Home	👌 Users × 🔒 User Details : Harry Pott >		×.
🔯 Inbox	A Harry Potter		
⊿ My Profile	A Modify User I Enable User O Disable User	🗶 Delete User 🔗 Lock Account 🖓 UnLock Account 🖏 Re	set Password
My Information	Attributos Dolos Entitlomente Accounte	Direct Departs Organizations Admin Dales	
Access	Accounts Accounts	Direct Reports Organizations Aumin Roles	
A Requests			(P2 Refresh
Track Requests	Basic Information		
Panding Attestations	Hirst Name Harry	Organization	Requests
A desired the first	Last Name Potter	Acrount Status	Linjoyee
Administration	Xellerate Type false	User Login	HARRYPOTTER
88 Roles	E-mail harry.potter@oracle.com	Identity Status	Active
Role Categories	Manager	Display Name	Harry Potter
Croanizations	Account Effective Dates		
Attestation Dashboard	Start Date		
Open Tasks	End Date 10/30/2014		
	Provisioning Dates		
	Provisioning Date		
	Deprovisioning Date		
1	Contact Information		
	Telephone Number	Post	al Address
	Home Phone		PO Box
	Fax		Street
	Pager	P	ostal Code
	Home Postal Address		Country
	1 Profession		
	/ Preferences		
	Timezone		
	Pa		
	Other Attributes		
	Common Name Harry Potter		
	Initials Department Number		
	Employee Number		
	Hire Date		
	Title		
	Locality Name		
	Generation Qualifier		

OIM Schedule job Evaluate User Polices ran at scheduled interval. Access policy is applied and Process Task **Create User** of Process Definition **Collections User Provisioning** is triggered to provision user in Collections. If user data is successfully validated then user would be added to Collections.

6. Search added User and browse to **Accounts** tab. In the Browse tab, if the Resource Name is **Collections User** and Status is **Provisioned** then user is successfully added to OBP Collections.

Figure 5–7 Verifying User name

ORACLE' Identity	Self Service				Acce	ssibility Sandboxes Custo	mize Help Sign Out	xelsysadm 🧕
😁 Home	👌 Users X 🔒 Use	er Details : Harry Pott	×					
🔯 Inbox	🔒 Harry Potter							
My Profile	🔒 Modify User 🛷 E	inable User 🚫 Disable	User 💥 Delete User 👸 Lock	Account 🕆 UnLock Account 🌆 Res	set Password			
Access	Attributes Roles E	intitlements Account	s Direct Reports Organization	ons Admin Roles				
A Requests	Newly added resources Actions • View •	will not appear until the Request Accounts	ollowing table is refreshed.	Refresh 🐯 Resource History	Detach			
Track Requests								
Pending Attestations	Row Application Instan	ce Resource	Account Name	Provisioned On	Status	Account Type	Request ID	
Administration	1 Collections	Collection U	ser 128	April 3, 2014	Provisioned	Primary		
and Users								
Role Categories								
Corganizations								
Attestation Dashboard								
Doen Tasks								
-								
	1							

For more information, see Chapter 6.2 Verify Users in Native Collections.

7. In the **Accounts** tab, click each account to view a summary of the account.

Figure 5–8 View Account Summary

	Users	<u> </u>	ser octails	. norry Pott.											
	🔒 Ha	rry Potte	er 👘												
	🔒 Mod	y User 🛷	Enable User	🖉 Disable U	Jser 💥 Delete	e User 🔒 Lo	ck Account 🗎	UnLock Account	Reset Pas	sword					
	Attribute	Roles	Entitlements	Accounts	Direct Repor	rts Organiza	ations Admin R	oles							
	Newly ad	ed resource	s will not app	ear until the fo	ollowing table is i	refreshed.									
	Actions	 View 	Requi	est Accounts	Modify Acc	counts 💥 F	lemove Accounts	 Make Primary 	P ₽	equest Entitlement	✓ Enal	ble ⊘ Disa	ible 🚷 Re	fresh	Resource Hist
	Row App	ication Insta	ince	Resource		Account Na	me	Provisioned On		Status	4	Account Type		Req	uest ID
	1 Col	ctions		Collection Us	er	128		April 3, 2014		Provisioned	ŀ	mmary			
ard															
	Rows Se	ected	1												
ł	Rows Se	ected	1												
ł	Rows Se	ected	1 I Informati	on											
ł	Rows Se Collection	ected	1 I Informati	on							_				
ł	Rows Se Collection	ected ns Detai ails	1 I Informati	on							_				
ł	Rows Se Collection	ected ns Detai ails Name Harr	1 Informati	оп	Collections	is User Group									
ł	Collection	ected ns Detai ails Name Harr Name Pott	1 I Informati	on	Collections	is User Group	~	_							
ł	Collection	ected Detai ails Name Harr Name Potto Login HAR	1 I Informati Y er	on	Collections Ser	is User Group vice Account	×								
ł	Collection Collection First Last User	ected ails Name Harr Name Potb Login HAR	1 Informati	on	Collections Ser	is User Group rvice Account	×			_					
ł	Rows St Collection First Last Use E	ected ails Name Harr Name Potto Login HAR nail Id harr	1 I Informati er RYPOTTER y.potter@ora	on ade.com	Collections	is User Group Ivice Account	x								
ł	Rows Se Collectii Def First Last User En	ected ns Detai ails Name Harr Name Potto Login HARI nail Id harr Date 2014	1 Informati y er RYPOTTER y.potter@ora +10-30	on	Collections Serv	is User Group rvice Account	×								
ł	Collection Collection First Last User En	ected ails Name Harr Name Potto Login HAR hail Id harr Date 2014	1 Informati er RYPOTTER y.potter@ora H-10-30	on ade.com	Collections Ser	is User Group vice Account	×			_					
ł	Collection Collection First Last User En	ected ails Detai Name Harr Name Pottu Login HAR ail Id harr Date 2014	1 Informati er RYPOTTER y.potter@ora +-10-30	on sde.com	Collections Serv	is User Group vice Account	×								
ł	Rows Se Collection First Last Use En	ected ns Detai ails Name Harr Name Potto Login HAR ail Id harr Date 2014	1 Informati Y er RYPOTTER y.potter@ora +10-30	on ade.com	Collections Serv	is User Group	×		_						
ł	Collection Collection First Last Usee En	ected ails Name Harr Name Potto Login HAR hall Id harr Date 2014	1 Informati er RYPOTTER +10-30	on	Collections Ser	is User Group vice Account	×								
ł	Rows Se Collection Dell First User En	ected ails Name Harr Name Pott Login HAR vall Id harr Date 2014	1 Informati y er RYPOTTER y,potter@ora +10-30	on	Collection Ser	is User Group vice Account	x								
ł	Collection Collection First Use En	ected ails Name Harr Name Potto Login HAR ail Id harr Date 2014	1 I Informati er RVPOTTER y.potter@ora +10-30	on ade.com	Collections Ser	s User Group vice Account	×								
ł	Rows Se Collection Dette First User En	ected s Detain ails Name Harr Name Pott Login HAR ail dh anr Date 2014	1 Informati er RYPOTTER y.potter@ora +10-30	on ade.com	Collections Ser	is User Group	×								
ł	Collectii Collectii Det First Lasts Usee En	ected s Detai ails Name Harr Name Potto Login HAR ail Id harr Date 2014	1 Informati er RYPOTTER y.potter@ora H-10-30	on ade.com	Collections Ser	is User Group vice Account	×								
ł	Rows Se Collection First Last User En	ected s Detai ails Name Harr Name Portv Login HAR hail Id harr Date 2014	1 4 Informati y er RVPOTTER y.potter @ora +.10-30	ade.com	Collection Ser	is User Group vice Account	×								
ł	Collection Collection First Last Usee En	ected ails Name Harr Name Potto Login HAR ail Id harr Date 2014	1 Informati Y er RYPOTTER y.potter@ora +10-30	on sde.com	Collections Ser	is User Group vice Account	×								
ł	Rows Se Collection First Last Use En	ected ails Name Harr Name Pott Login HAR ail d harr Date 2014	1 J Informati er RYPOTTER y.potter@ora +10-30	on ade.com	Collections Serv	is User Group vice Account	×								

The fields and values displayed in **Detail Information** of the account are as below:

- First Name: Harry
- Last Name: Potter
- User Login: HARRYPOTTER
- Email Id: harry.potter@oracle.com
- **End Date:** 2018-05-30
- Collections User Group: (Blank)
- Service Account: (Disabled)

Note

Service accounts are general administrator accounts that are used for maintenance purposes. It differs from a regular account by a flag. This flag is set by the user requesting the resource, or by the administrator directly provisioning the resource. Since this feature is not used currently, this checkbox will be disabled on the **User Details** page.

- 8. To add a user group, select the account for which you want to add the User Group.
- 9. From the Actions menu, select Modify. Alternatively, click Modify Accounts on the toolbar.

The **Modify Account** page is displayed.

10. Select the required group from the **Collections User Group** lookup (for example, C1_BSERVICES) and submit the request from the Catalog page (Modify Account page). For this, select the required group from the **Search and Select: Collections User Group** pop-up window and click **Ok**.

Figure 5–9 Modifying Account

ORACLE' Identity	Self Service		Accessibility Sandboxes Customiz	e Help SignOut xelsysadm 드
Home My Profile My Information My Access Requests	Users x User Detais : HARRY POTT x Modify Account S Target Users T Name H HARRY POTTER	Hodify Account ×		Submit Save as Draft
Catalog Catalog Track Requests Pending Attestations Administration	✓ Cart Items		S Remove (1) Details	v Not Ready to submit
ૡૣૢૺ Users 않 Roles 값 Role Categories ス Organizations 때 Attestation Dashboard 같 Open Tasks	✓ Edit Account details First Name Hany Last Name Potter User Logn HARNPOTTER Email to harry, potter Borade.com End Date 2014-10-30	Collections User Group	A	Ready to submit

Figure 5–10 Selecting Collections User Group

ORACLE' Identity	Self Service			Accessibili	ty Sandboxes	Customize Help	Sign Out xelsysadm 📿
Home Inbox Inbox Hy Profile My Information Requests Catalog Track Requests	Users X User X User Details : HARRY POTT X Modify Account Saraget Users Name I HARRY POTTER (Cart Rems	Modify Account ×	Justification and Effective Date Justification Effective Date	i i i i i i i i i i i i i i i i i i i	ß		Submit Save as Draft
Pending Attestations	= Display Name 1 56@Collections	Search and Select: Co	ollections User Group ×		💥 Remove (Details 🔗 No	ot Ready to submit
 ○○ Roles ○○ ○○	A list Account details First Name Henry Last Name Petter Last Name Petter Last Name Petter Last Name You Name Name End Date 2014-10-30	Meaning Meaning C 1958VCCS BIACMEN	Search) Reset	a.			

11. Click Ready to Submit and Submit, respectively to submit the request.

Figure 5–11 Submitting Request

ORACLE Identity	Self Service			Accessit	iity Sandboxes	s Customize He	elp Sign Out xelsysadm Ϙ
B Home	👌 Users × 🔒 User Details : HARRY POTT ×	Modify Account ×					
My Profile My Information My Access My Access	MOdiny Account Target Users Name HARRY POTTER	+ ×	Justification and Effect Justification Effective Date	tive Date	6		Submit Save as Drart
Catalog C	✓ Cart Items # Display Name 1 🐯 56@Collections				🗙 Remove (Status	Ready to submit
값 Users 않 Roles 값 Role Categories ळ Organizations 때 Attestation Dashboard 같 Open Tasks	▲ Edit Account details First Name Horry Last Name Potter User Login HARRYPOTTER Email 1d harry.potter@oracle.com End Date 2014-10-30	Colley	tions User Group	s Q			Ready to submit

12. Go back to **Accounts** tab in **User Details** page and refresh the resources table. Click the required account's row to view the latest changes in the **Detail Information** section.

Figure 5–12 Viewing Updated User Details

ORACLE' Identity	Self Service Accessibility Sandboxes Customize Help Sign Out xelsy	sadm 🧲
Home Inbox My Profile My Information	Ident X Ident X Ident X Ident Y Potter Ident Y Potter Modify User Disable User Delete User	
A My Access	Attributes Roles Entitlements Accounts Direct Reports Organizations Admin Roles	
Requests	Newly added resources will not appear until the following table is refreshed. Actions 🛩 View 🕶 🎯 Request Accounts 🖋 Modify Accounts 💥 Remove Accounts 🖉 Make Primary 📑 Request Entitlement 🛛 🔗 Enable 🔞 Refresh	» »
nack Requests		
Pending Attestations	Row Application Instance Resource Account Name Provisioned On Status Account Type Request ID	
않 Roles 값 Role Categories 값 Organizations 데 Attestation Dachboard 같 Open Tasks	Rows Selected 1	
	Details	
	First Name Herry Collectors User Group C1_BSERVICES Last Name Potter Service Account x User Login HARRYPOTTER Email Id. harry-potter@exade.com Email Id. harry-potter@exade.com End Date	

13. To view status of all User provisioning tasks, navigate to **Open Tasks** and search for **Collections** Application Instance. All failed Collections provisioning task will be shown (Task Status = Rejected) and successful task are not shown.

Figure 5–13 Viewing User Provisioning Tasks

ORACLE' Identity	Self Service	r Details : Harry Pott	Provisionin	a X				Accessibility	/ Sandbo	xes Customize	Help Sign	Dut xelsysadm Q
Home	Decudelening Task											
Indox	Provisioning Tase	6										
My Information	Search Results											
A My Access	Search									Save	d Search Sear	ch Open Tasks 💌
Requests	Match @ All @ Any											
(III) Catalog	Task Name											
de Track Requests	Task Status											
Pending Attestations	Application Instance											
Administration											Carach	Dearth Court
a Users											Search	Reset Save
Roles	Search Search Results											
Role Categories	Actions View V	Doen D View F	orm 🎲 Edit Form	🗇 Manual Complete	28 Set Response	Reassign	Retry	Refresh		Detach		
Attestation Dashboard				•co •				NG.		See		
Den Tasks	Row Task Name	Task Status	Application Instance	Beneficiary	Date Assigned	Assignee	Reque	est ID	Account N	ame		
8	No data to display.											

If task status is **Rejected** then check all mandatory attributes required for Collections User Provisioning are populated. For more information, see Chapter 4 User Fields and Constraints

Open the Rejected task in **Provisioning Tasks** page to check the cause of failure while creating the user.

Below are the response codes and descriptions shown in the **Task Details** page for a Rejected Create User task:

S. No.	Scenario	Response	Response Description
1	User already exists in Collections but not in OIM/OID	COLL_DUPLICATE_ USR	User creation failed. User with the given 'User Login' already exists in Collections. Please provide a unique User Login Id. If the issue persists, contact the system administrator.
2	First Name is missing	COLL_FIRST_NAME_ MISSING	User creation failed. Please enter the mandatory field 'First Name'. If the issue persists, contact the system administrator.
3	Last Name is missing	COLL_LAST_NAME_ MISSING	User creation failed. Please enter the mandatory field 'Last Name'. If the issue persists, contact the system administrator.
4	Email Id is missing	COLL_EMAIL_ID_ MISSING	User creation failed. Please enter the mandatory field 'E-mail'. If the issue persists, contact the system administrator.

Table 5–1 Response Codes for a Rejected Create User Task

For example, if the **First Name** is missing while creating user, task details will appear as below for that **Create User** task.

Figure 5–14 Task Details

Fask Details - Google Chrome	
/xlWebApp/OpenTas	sks.do?method=loadTaskDetails&entityKey=303&objName=C
Task Name - Create User	
Resource Name: Collection User	
Description:	
Role: SYSTEM ADMINISTRATORS	
Status: 😻 Rejected	
Response: COLL_FIRST_NAME_MISSING Response User creation failed. Please enter the mand Description: Name". If the issue persists, contact the sy Notes:	datory field "First ystem administrator.
Assigned Role : Role : ADMINISTRATORS[SYST	TEM
Error Details	
Projected Start: April 7, 2014 5:27:35 PM Projected End:	April 7, 2014 5:27:35 PM
Actual Start: April 7, 2014 Actual End: 5:27:35 PM Actual End:	April 7, 2014 5:27:43 PM
Last Update: April 7, 2014 5:27:43 PM	
Set Response Add Notes Reassign	Task Assignment History

- If mandatory attributes are missing, populate them and resubmit the request. Check Resource status in Accounts tab, if status is **Provisioned**, then user details are successfully provisioned to Collections. Further, user can mark that Provisioning task as **Manual Complete** to remove task from rejected list.
- If all mandatory attributes are present and still the provisioning task status is **Rejected**, then contact your administrator. Administrator can check log files and resolve problem. Further User can **Retry** provisioning task.

14. Alternate Flow:

- Populated Mandatory Fields only: See Chapter 4 User Fields and Constraints
 - All required fields are populated with valid data.
 - User will be successfully added to Collections.
 - See Step 6 to validate successful addition of user.

- Collections User Group not added:
 - All fields are populated with valid data, except Collections User Group is not added.
 - User will be successfully added to Collections with default User Group (default access is provided).
 - See Chapter 6.2 Verify Users in Native Collectionsto validate successful addition of user.
- Fields constraints are Violated: See Chapter 4 User Fields and Constraints.
 - Mandatory fields missing or fields length is not valid or incorrect email format data is populated.

See Chapter 4 User Fields and Constraints for complete list of fields and its constraints.

b. Click Save.

Some of the fields that have client side validation would be highlighted with error on **Create User** screen. Note that only some validations belong to client side.

c. After rectifying validations errors, click Save.

Only client side errors are resolved and some of the fields may still violate constraints.

d. After Evaluate User Polices job run is completed, check the status of user provisioning to Collections, locate the Accounts tab. If the Resource Name is Collection User and the Status is Provide Information, then user is not provisioned to Collections.



Figure 5–15 Status of User Provisioning to Collections

e. Also, check open provisioning tasks. Create User task status would be **Rejected** for user whose details need to be provisioned.

Figure 5–16 Open Provisioning Tasks

Image: Image	ORACLE' Identity	Self Service						Accessit	ility Sandbox	ces Customize	Help S	Sign Out 🛛 🗙	elsysadm
Image: Search Results Search Results Image: Search Results Search CopenTask Image: Search Results Task Name Image: Search Results Search Results	📆 Home	Provisioning × Provisioning Task	us s										ĺ
Acquests Match @ All @ Any Catalog Task Requests @ Tosk Requests Task Status @ Pending Attestations Image: Comparizations @ Administration Search @ Users Search Scalogs Search Scalons Search Scalons Search Scalons Search @ Open Tasks Open Q Vew Form Q Edit Form Q Manual Complete If Attestation Dashboard Instance If Open Tasks Task Status	My Profile My Information My Access	Search Results								Saved	Search	Search Oper	1 Tasks 💌
Application Instance Application Instance Application Instance Application Instance Search Results Actors Vew COpen Search Results Actors Vew COpen Wew Copen Wew Form Edit Form Manual Complete Search Results Actors Resolute Actors Results Actors Results Actors Results Ac	Requests Catalog Track Requests Requests Reading Attestations	Match @ All O Any Task Name Task Status											
Charles Construint Search (Nessures) Search (Nessu	Administration	Application Instance									Search	Reset	Save
Open Tasks Row Task Name Task Status Application Instance Beneficary Date Assigned Assignee Request ID Account Name I Greate User Rejected Collections HARRIPOTTER 2014-04-04 XELSYSADM 56	C Role Categories	Actions • View •	🗁 Open 🛛 🔂 V	/iew Form 🛛 🔀 Edit Fo	rm 🙀 Manual Complete	🐉 Set Response 🛛 🔂 R	eassign 🔞 R	etry 🔂 Refre	sh 🛃	Detach			
	Open Tasks	Row Task Name 1 Create User	Task Status Rejected	Application Instance Collections	Beneficiary HARRYPOTTER	Date Assigned 2014-04-04	Assignee XELSYSADM	Request ID Ad	count Name				

- f. Modify user details to make it valid. See Chapter 4 User Fields and Constraints.
- g. Click **Submit**. If all fields are valid, user would be provisioned to Collections.

Note

If the field length exceeds specified limit then it would be truncated and saved in OBP Collections.

h. See **Step g** to validate successful addition of user. If the user details are successfully provisioned then mark Create User provisioning task of user as **Manually Complete** to remove entry from rejected task status list.

Inbox	Provisioning Tasks			visioning ×							
1y Profile		5									
	Search Results										
My Information	Search								Saved	Search Search Op	en Ta
My Access											
equests D Catalan	Match @ All @ Any						_				
Track Requests	Task Name		🔥 War	ning			×				
Pending Attestations	Task Status		Confirm	n Manually Complete							
Iministration	Application instance		Are you	sure you want to manually co	mplete task Create User?						
Users										Search Reset	
Roles	Search					Manually Cor	nplete Cancel				
Role Categories	Search Results		_			_					
Crganizations	Actions ▼ View ▼	Dpen 😡	View Form 🛛 🔀 Edit F	Form 🛛 🚱 Manual Complete	🐉 Set Response 🛛 🔀	Reassign 📑 R	etry 🙌 Refresh		Detach		
Attestation Dashboard											
Open Tasks	Row Task Name	Task Status	Application Instance	Beneficiary	Date Assigned	Assignee	Request ID Accour	nt Name			
	I Create User	Rejected	Collections	HARRTPUTTER	2014-04-04	XELSTSADM	56				

Figure 5–17 Manual Completion - Create User Provisioning Task

- Duplicate User Login/Email Not Allowed:
 - Duplicate User Login Id and Email is not allowed.
 - If user tries to add duplicate user login error will be displayed.
- User is expired on addition (When End Date is less than or equal to Current Date):
 - All fields are populated with valid data. End date is populated with less than or equal to current date/today's date.
 - Since the user is already expired, it is not provisioned to Collections and there is no Status available in the **Resource** tab.
 - There is no way to bring the user to Collections (even by modifying end date to greater than current date). As the expired user is considered in delete state.
 - If there is a need to activate the user again, delete the earlier user details and add the user with end date > current date.

5.2 Modify Users in Collections

Once user is added, it can be modified. Following are the modifiable fields:

- First Name
- Last Name
- Collections User Group
- Email
- End Date

You can search and modify the user. You can search for the user from **Search Users** panel and then click the searched user data to view its detail.

Figure 5–18 Searching User

📟 Home	2	🖢 Us	ers ×															(
Inbox	s	earc	h Users															
My Profile My Information		4 5	earch												Save	ed Search	Search User	r .
🗞 My Access		Mat	.ch 🔍 All 🔘	Any														
Requests			User Login	Starts with	n 💌				Start Date	Equals	•		Ē	0				
Catalog			First Name	Starts with	n 💌				End Date	Equals	•		Ê	0				
穡 Track Requests			Last Name	Starts with					Display Name	Starts w	ith 💌							
Pending Attestations		Ide	ntity Status	Equals				-	Account Status	Equals								
		100								a doore	1000							
Administration			E mail	Charte with					Organization	Equals	_	1		0				
dministration			E-mail	Starts with	n 💌				Organization	Equals				Q				
Administration			E-mail	Starts with					Organization	Equals				Q Search	Reset	Save	Add Field	lds
Administration & Users W Roles Role Categories		ear	E-mail	Starts with					Organization	Equals	•			Q Search	Reset	Save	Add Field	lds
Administration but Users Control Roles Control Role Categories Control Categories Control Role Categories	s	earc	E-mail	Starts with	Treate	Fdit	Fnable	Disable	Organization	Equals	a Linlock Ar	rount 🖪 R	acat Pacoword	Search	Reset	Save	Add Field	lds
Administration	s	Act	E-mail	Starts with	Create 🥖	Edit	Senable	🖉 Disable	Organization	Equals	Unlock Ar	count 🖏 R	eset Password	Search	Reset	Save	Add Fiel	lds
dministration	s	earc Act	E-mail	Starts with ▼ 200 Control C	Dreate 🥖	Edit	Senable	O Disable	Organization	Equals	Unlock Ar	ccount 🔁 R	eset Password	Search	Reset	Save	Add Field	lds
dministration Users Roles Role Categories Roganizations Image: Attestation Dashboard Open Tasks	s	Act Row	E-mail	▼ 🎥 🤇	Create 🖉	Edit	✓ Enable First N	🖉 Disable	Organization	Equals account	Unlock Ar	ccount R	eset Password	Search	Reset	Save	Add Field tach Account S	lds Sta
dministration Lisers Roles Role Categories Corganizations Attestation Dashboard Open Tasks	s	Act Row	E-mail	▼ 🎥	Create / User Login	Edit	✓ Enable First N Harry	Oisable Name	Organization	ccount Organ	Unlock Ar	ccount P R	eset Password E-mail harry.potter	Search Search	Reset h E	Save	Add Field tach Account S Unlocked	lds Sta
dministration by Uers Cares Roles Categories Corganizations Corganizations Attestation Deshboard Copen Tasks	s	Act Row	E-mail th Results ions View Display Name Harry Potter Internal Use	▼ 🏠 🤇	Create User Login HARRYPO OIMINTER	Edit TTER NAL	✓ Enable First N Harry OIMIN	Disable	Organization	Ccount Organ	Unlock Ar nization ests ate Users	ccount Telephone Number	eset Password E-mail harry.potter	Search	Reset	Save De ntity Status ve ve	Add Field tach Account S Unlocked Unlocked	lds Sta
dministration 없 Users 없 Roles Role Categories 값 Organizations 데 Attestation Deshboard 다 Open Tasks	s	Act Row	E-mail th Results ions View Display Name Harry Potter Internal Use Weblogic Use	▼ 🍇 C	Create User Login HARRYPO OIMINTER WEBLOGIO	Edit -	Enable First N Harry OIMIN WEBL	Disable	Organization	Count Crgan	Unlock Ar nization ests ate Users ate Users	ccount Telephone Number	eset Password E-mail harry.potter	Search Search	Reset	Save De ntity Status ve ve ve	Add Field tach Account S Unlocked Unlocked Unlocked	Sta I

Figure 5–19 Detailed Information about the User

😁 Home	🗞 Users × 🔒 User Details : Harry Pott ×		
Inbox	A Haver Better		
v Profile		A	
My Information	Modify User Enable User Obisable User X Delete Use	r 🛗 Lock Account 📲 UnLock Account 4 🦛 Reset Password	
A My Access	Attributes Roles Entitlements Accounts Direct Reports	Organizations Admin Roles	
Requests			🚱 Ref
Catalog	Basic Information		
nack Requests	First Name Harry	Organization Requests	
Pending Attestations	Middle Name	User Type Employee	
Administration	Last Name Potter	Account Status Unlocked	
🍌 Users	Xellerate Type false	User Login HARRYPOTTER	
Roles	E-mail harry.potter@oracle.com	Identity Status Active	
Role Categories	Manager	Display Name Harry Potter	
	Account Effective Dates		
Attestation Dashboard	Start Date		
🛄 Open Tasks	End Date 10/30/2014		
	Provisioning Dates		
	Provisioning Date		
	Deprovisioning Date		
1	✓ Contact Information		
	Telephone Number	Postal Address	
	Home Phone	PO Box	
	Fax	Street	
	Mobile	State	
	Pager	Postal Code	
	Home Postal Address	Country	
	Preferences		
	Locale		
	Timezone		
	4 Other Attributes		
	Common Name Harry Potter		
	Initials		
	Department Number		
	Employee Number		
	Hire Date		
	Title		
	Locality Name		
	Generation Qualifier		

To modify a user, perform the below steps:

- 1. Click Modify User to open Modify User page. Modify the user details as per the requirement.
- Click Submit. If the user details are valid (that is, if it does not violate any validation) then user details would be modified. A message will be displayed on successful completion of the modify operation. This does not guarantee successful modification of the user in Collections.

Figure 5–20 Modify User Confirmation



- 3. In User Details page locate **Accounts** tab. If Resource Name is **Collection User** and Status is **Provisioned** then user details are successfully modified and provisioned to Collections.
- 4. If the data does not appear when the user is added, click **Refresh**.

Figure 5–21 Viewing Modified and Provisioned User Details



- 5. Select the account to view the modified values in **Detail Information** section.
- 6. To modify the Collections User Group, follow the below steps:
 - a. In the Accounts tab, select the account that you want to modify.
 - b. From the **Actions** menu, select **Modify**. Alternatively, click **Modify Accounts** on the toolbar. The **Catalog** page is displayed.

Figure 5–22 Catalog page

📰 Home 📝 Inbox	Users X 🔒 User Details	s : Harry Pott ×						(
My Profile My Information My Access	Modify User Enable Use Attributes Roles Entitlemen	r ⊘ Disable User 💥 ts Accounts Direc	Delete User 🔒 Lock Account 🖀 🗎	JnLock Account 🙀 Rese	et Password			
Requests Catalog Catalog Catalog	Newly added resources will not ap Actions ▼ View ▼ Peq	opear until the following to uest Accounts	table is refreshed. dify Accounts	🖉 Make Primary	Request Entitlement 🔗 E	nable ⊘ Disable 🕴	🝓 Refresh	» >
Pending Attestations Administration Commistration Commist	Row Application Instance	Resource Collection User	Account Name 128	Provisioned On April 3, 2014	Status Provisioned	Account Type Primary	Request ID	

- c. Select the required group (for example, INADMIN) from Collections User Group, lookup and submit the request from the Catalog page. The account will be modified after the request is approved.
- d. Select the required group from the **Search and Select: Collections User Group** pop-up window.
- e. Click Ok.
- f. Click Ready to Submit and Submit, respectively to submit the request.

Figure 5–23 Submitting Request

😕 Home	👌 Users × 🔒 User Details : HARRY POTT ×	Modify Account ×				
🔯 Inbox	Modify Account					Submit Save as D
My Information	🖉 🌋 Target Users	+ ×	⊿ Justification and Effective Date			
🕹 My Access	# Name 1 HARRY POTTER	(I)	Justification			
Catalog			Effective Date	20		
🍘 Track Requests	✓ Cart Items					
Pending Attestations	# Display Name					Status
⊿ Administration	1 56@Collections				🔀 Remove 🕕 Details	Ready to submit
🇞 Users	Edit Account details					Ready to sub
👸 Roles	First Name Harry	Collec	tions User Group INADMIN	Q		
Role Categories	Last Name Potter	Conce		~		
a Organizations	User Login HARRYPOTTER					
Attestation Dashboard	Email Id harry.potter@oracle.com					
Dpen Tasks	End Date 2014-10-30					
	•					

g. To view the changes, go to the **Accounts** tab in **User Details** page and click **Refresh**. Select the account again to view the modified group in **Detail Information** section.

Figure 5–24 Viewing Changes

	🏠 Users 🗙	🔒 User Details	: Harry Pott	×						
		ottor								
rmation	A Modify Use	CCEI	r 🚫 Disable Us	ser 💥 Delete U:	ser 🔒 Lock Account 🏪 U	InLock Account 🛛 🍓 Re	set Password			
ess	Attributes R	les Entitlement	s Accounts	Direct Reports	Organizations Admin R	oles				
	Newly added re Actions v Vi	ources will not ap w 🔻 🎯 Requ	pear until the foll iest Accounts	lowing table is ref Modify Accou	freshed. Ints 🛛 💥 Remove Accounts	🖉 Make Primary	Request Entitlement	🖉 Enable 🛛 🚫 Disab	ole 🔞 Refresh	*
equests										
Attestations	Row Application	Instance	Resource		Account Name	Provisioned On	Status	Account Type	Request ID	
	1 Collections		Collection Use	r i	128	April 3, 2014	Provisioned	Primary		
tegories										
tegories ations										
tegories ations tion Dashboard asks										
tegories ations tion Dashboard asks										
rgories ions nn Dashboard ks		·								
tegories ations ion Dashboard asks	Rows Selected	1								
tegories ations ion Dashboard isks	Rows Selected	1 Vetail Informat	ion							
egories tions on Dashboard aks	Rows Selected Collections	1 Vetail Informat	ion							
egories tions on Dashboard sks	Rows Selected Collections	1 Jetail Informat Harry	ion	lections User Grou						
tegories ations tion Dashboard asks	Rows Selected	1 Ietail Informat	ion							
tegories ations tion Dashboard asks	Rows Selected Collections Details First Name Last Name	1 Detail Informat Harry Potter	ion	lections User Gro Service Accou	up <u>TNAOMIN</u> nt x					
tepories ations tion Dashboard asks	Rows Selected Collections Details First Name Last Name User Login	1 Petail Informat Harry Potter HARRYPOTTER	ionCol	llections User Grov Service Accou	up THADMIN nt x					

Currently, we are not making use of the Service Account feature, so the check box will remain disabled on the **User Details** page.

7. To view status of all User Provisioning tasks, navigate to **Open Tasks** and search for **Collections** Application Instance. All failed Collections provisioning task will be shown (Task Status = Rejected) and successful task are not shown.

Figure 5–25 Viewing User Provisioning Task

ORACLE Identity	Self Servi	ce						Accessibility	Sandboxes	Customize	Help	Sign Out	xelsysadn	ģ
🃰 Home 📝 Inbox	Buser Detail	ls : Harry Pott Ig Tasks	t × 📋 Provis	ioning ×										
My Profile My Information My Access	Search Res	ults								Save	d Search	Search O	pen Tasks	•
✓ Requests (iii) Catalog (iii) Track Requests (iii) Pending Attestations	Match () Ta Ta: Application	All O Any ask Name sk Status Instance												
Administration	Search Search Re	esults									Sear	dh Rese	et Save	····
Organizations Attestation Dashboard	Actions 🔻	View -	🗅 Open 🛛 🖓 View F	Form 🔀 Edit Form	🕞 Manual Complete	뫲 Set Response	Reassign	🕞 Retry	Refresh		Detach			
Cpen Lass	Rowa	f Task Name splay.	Task Status	Application Instance	Beneficiary	Date Assigned	Assignee	Request I	ID Ac	count Name				

If task status is **Rejected** then check all mandatory attributes required for Collections User Provisioning are populated. See Chapter 4 User Fields and Constraints.

- If mandatory attributes are missing, populate them and resubmit the request. Check Resource status in Accounts tab, if status is Provisioned, then user details are successfully provisioned to Collections. Further, the user can mark that provisioning task as Manual Complete to remove the task from rejected list.
- If all mandatory attributes are present and still provisioning task statuses is **Rejected**, then contact your administrator. Administrator can check log files and resolve problem. Further, user can **Retry** provisioning task.

For each field modification, OIM triggers different Process Task. So in all, if six fields are modified then six requests for modification will be sent to OBP Collections. This is technical limitation with current implementation.

Each provisioning task holds all user provisioning fields. If the number of user fields are modified, then all provisioning task for particular request will either fail or success.

Following table lists task invoked when user field is modified:

Table 5–2 Tasks involved while modifying User fields

User Field	Task Name
First Name	Change First Name
Last Name	Change Last Name
Collection User Group	Collections User Group Updated
Email	Change Email
End Date	Change End Date
User Login	Change User Name

8. Alternate Flow:

- Fields constraints are Violated: See Chapter 4 User Fields and Constraints
 - a. Mandatory fields removed or updated field's length is not valid or incorrect email format data is populated.

See Chapter 4 User Fields and Constraints for complete list of fields and its constraints.

- b. Click Submit.
- c. Some of the fields having client side validation would be highlighted with error on Modify User form. Note, only some validations are client side.
- d. After rectifying validations errors, click Submit. User would be updated to OID.
- e. Only client side errors are resolved and some of the fields are still violating constraints.
- f. To check the status of user provisioning to Collections, traverse to Accounts tab. Resource Name is Collection User and Status is Provide Information then user is not provisioned to Collections.

Sometimes data doesn't appear as soon as user is added. Click **Refresh**.

For example, First Name is removed and Last Name is modified. Since one of mandatory field is missing for Collections User Provisioning, provisioning request failed.

Figure 5–26 User Provisioning Status

😬 Home	👌 Users × 🔒 User Details	: Harry Pott ×						
🖉 Inbox	🛔 Harry Potter							
1y Profile My Information	A Modify User 🔗 Enable User	🖉 Disable User 💥 Dele	ete User 👸 Lock Account 👔	UnLock Account 🛛 🍓 Reset	Password			
🗞 My Access	Attributes Roles Entitlement	s Accounts Direct Re	ports Organizations Admin	Roles				
tequests	Newly added resources will not ap Actions View Requ	pear until the following table est Accounts Prequent	is refreshed. Jest Entitlement 🛛 🙌 Refre	sh 🔅 Resource History	Detach			
🍓 Track Requests								
Pending Attestations	Row Application Instance	Resource	Account Name	Provisioned On	Status	Account Type	Request ID	
dministration	1 Collections	Collection User	128	April 3, 2014	Provide Information	Primary		
🗞 Users								
🖓 Roles								
Role Categories								
Within Gallegolies								
Corganizations								
Crganizations								
Crganizations Attestation Dashboard Coan Tarks								
Organizations Attestation Dashboard Open Tasks								

The failed provisioning task will be listed in open tasks list. Provisioning task will be equal to number of fields modified.

Figure 5–27 Failed provisioning tasks

User Details : Harry F ovisioning Task: Search Results Search Match @ All @ Any Task Name Task Status	Pott X 👔 Pro	ovisioning ×								[
ovisioning Tasks Search Results Search Match @ All @ Any Task Name Task Status	s									
Search Results Search Match @ All Any Task Name Task Status										
Match () All () Any Task Name Task Status								Saved Search	Search Open	Tasks 💌
Task Status										
1001000000	•									
Application Instance								Searc	h Reset	Save
earch Results										
Actions 👻 View 👻	🗁 Open 🛛 🔂 Vie	ew Form 🛛 🔀 E	dit Form 🛛 🙀 Manual	Complete 🛛 🕵 Set	Response 🛛 📴 Re	assign 🛅 Retry 🕻	Refresh	🔂 🛃 Detach		
Row# Task Nar	me Tas	k Status 🛆 🔻	Application Instance	Beneficiary	Date Assigned	Assignee	Request ID	Account Name		
1 Change	Email Rej	ected	Collections	HARRYPOTTER	2014-04-04	XELSYSADM		128		
2 Change	First Name Rej	ected	Collections	HARRYPOTTER	2014-04-04	XELSYSADM		128		
Juur Selected 2										
App arc ear Acti	Task Status Ikation Instance h cch Results on s View * Row# Task Na 1 Change 2 Change s Selected 2	Task Status	Task Status Ikation Instance h ch Results ons Vew Open Vew Vew Vew Vew Change Email Rejected Change Email Rejected Schange First Name s Selected 2	Task Status Ikation Instance h ch Results ons Vew Open Vew Fask Name Task Status Collections Collections Collections Collections Selected Collections Collec	Task Status ▼ Ikation Instance ■ h • rch Results • ors * View ▼ • Open Query Task Name Task Status ▲ Application Instance Beneficiary 1 Change Email Rejected 2 Change First Name Rejected Collections HARRYPOTTER	Ikation Instance h ch Results nors ▼ Vew ▼ Open ↓ Vew Form ♪ Edit Form ♪ Manual Complete ※ Set Response ♪ Re Row# Task Name Task Status ♪▼ Application Instance Beneficiary Date Assigned 1 Change Email Rejected Collections HARRYPOTTER 2 Change First Name Rejected Selected 2	Ikation Instance h ch Results ors ▼ Vew ▼ Open ₀ Vew Form ♀ Edit Form ♀ Manual Complete Bow# Task Name Task Status ▼ Application Instance Beneficiary Oate Assigned Assignee 1 Change Email Rejected Collections HARRYPOTTER 2 Change First Name Rejected Collections HARRYPOTTER 2014-04-04 XELSYSADM Selected 2	Task Status Ikation Instance h ch solution ch ch	Task Status Ication Instance h ch Results or ▼ Vew ▼ Open ↓ Wew Form ♪ Edt Form ♪ Manual Complete 25 Set Response ♪ Reassign ♪ Refresh ↓ ① Detach Row# Task Name Task Status ▼ Application Instance Beneficiary 2 Change Email Rejected Collections Collections HARRYPOTTER 2014-04-04 XELSYSADM 128 Seterted 2 Change First Name Rejected 2 Change First Name Rejected Collections HARRYPOTTER 2014-04-04 XELSYSADM 128 Collections Collectio	Task Status kation Instance Search Reset Collections Rest Search Reset Search Reset Search Reset Search Reset Search Reset Search Reset Search Reset Search Reset Search Reset

- g. Modify the user details to make it valid. See Chapter 4 User Fields and Constraints.
- h. Click **Submit**. If all fields are valid, user would be provisioned to Collections.

Note

If field length exceeds specified limit, then it would be truncated and saved in Collections.

- i. See Step 4 to validate successful modification of User.
- j. Once modified, user details are successfully provisioned. User can mark failed provisioning task as **Manually Complete**.

Figure 5–28 Task confirmation dialog box

🔡 Home	🔒 User Details : Harry Pott × 👔	A Warning	the Complete				×			
🗑 Inbox	Provisioning Tasks	Confirm Mar	nually complete							
My Profile	Search Results	2 tasks have be tasks?	en selected. Do you	want to manually comp	lete these			Saved Search	Search Open	Tacks
🗞 My Access	Search	Name						Saved Search	Search Open	
Requests	Match 🔘 All 🔘 Any	Change Email								
🛄 Catalog	Task Name	Change First Na	ame							
👸 Track Requests	Task Status									
Pending Attestations	Application Instance									
Administration										
busers 🕹								Search	Reset	Save
👸 Roles	Search									
Role Categories	Search Results									
Corganizations	Actions 🔻 View 👻 🗁 Open 🏻	1					🚱 Refresh	🛛 🛃 🛛 🛃 Det	ach	
Attestation Dashboard										
Dpen Tasks	Row# Task Name				Manually	Complete Cancel	Request ID	Account Name		
	1 Change Email	Rejected	Collections	HARRYPOTTER	2014-04-04	XELSYSADM		128		
	2 Change First Name	Rejected	Collections	HARRYPOTTER	2014-04-04	XELSYSADM		128		
	۲ Rows Selected 2				m					

- Modify User Login (Not Supported):
 - Though user can modify the User Login from User form, it is not supported in Collections. **User Login** is primary key in Collections.
 - If the user tries to modify User Login then new user would be created in Collections with new User Login. Earlier user still persists.
 - User has to manually delete earlier user (User Login before modification) in Collections.

Note

If some manual changes have been done from the Collections Admin screens to earlier user, then the same has to be done to new user.

- Duplicate User Login is not allowed.
- Modify Collections User Group:
 - If **User Group** value is changed, then earlier would be updated with new Group in Collections.

- If User Group selection is removed from the drop-down list, then unselected group would be deleted from Collections. Only default group would be present, that is groups populated from native Collections native Admin Screen.
- Collection modifies User Group value based on old and new value of Collections User Group received from OIM. It deletes old value and adds new value sent for User Group. Old value of User Group is value being modified and new value is value being added from OIM. Collection User Group of successfully provisioned user is modified multiple times, if user provisioning to Collections fails due to some error. In such cases, the problem is rectified and user is provisioned successfully, but its last provisioned User Group cannot be deleted, only new user Group can be added. This is because last provisioned old values state is lost from OIM as it has been modified multiple times in between. User must delete last provision User Group by using Collections Admin screens.

It is recommend whenever user is modified and provisioning status for Collections User is **Provide Information** (exception occurred /validation failed) then user should first rectify the problem (for example, if field validation is failing then correct it) and provision user successfully (resource **Collection User** status is **Provisioned**) before making further modifications to User Group.

Modify End Date:

- End Date represents User expiry in Collections.
- Once User is successfully provisioned then User can be deactivated by modifying end date <= current date/today's date. Similarly, user can be activated again by modifying end date > current date/today's date.

5.3 Delete Users in Collections

Once user is successfully provisioned it can be deleted from OBP Collections. Collections supports soft delete that is, it only expires User. User deletion request for Collections will only trigger when **Create User** provisioning task is complete for that particular request i.e., it doesn't appear in open task list.

- If User provisioning request has failed then rectify the problem and complete Create User provisioning request, if required.
- If User is already provisioned then, mark Create User provisioning task as manually complete.



ORACLE [®] Identity	Self Service	Accessibility	Sandboxes	Customize Help	Sign Out xelsysadm	0
😁 Home	👌 Users X 🖁 User Details : HARRY POTT X 📋 Provisioning X					×
🕢 Inbox	Provisioning Tasks					
My Profile	Search Results					
🐍 My Access	⊿ Search			Saved Searc	h Search Open Tasks 💌	<u> </u>
Requests	Match 🔘 All 🔘 Any					
Catalog	Task Name					
🃸 Track Requests	Task Status					
Pending Attestations	Application Instance					
Administration				Sea	arch Reset Save	
👸 Roles 🔯 Role Categories	Search Search Results					
Corganizations	Actions 🔻 View 🔻 📄 Open 🙀 View Form 🔯 Edit Form 🙀 Manual Complete 🗱 Set Response 🔯 Reassign 🔯 Retry	🔞 Refresh		Detach		
Attestation Dashboard						
🛅 Open Tasks	Row Task Name Task Status Application Instance Beneficiary Date Assigned Assignee Requ	lest ID Accour	it Name			
	1 Create User Rejected Collections HARRYPOTTER 2014-04-04 XELSYSADM	56				
	Sever Selected 1					

You can search and delete user. You can search for the user from **Search** panel and then click the searched user data to view its detail.

Figure 5–30 Searching Users To Delete

ORACLE' Identity	/ Self Service				Access	ibility Sandboxes Cus	tomize Help Sign C	l ut xelsysadm 📿
📰 Home	busers ×							X
My Profile	⊿ Search						Saved Search	Search User 💌
🗞 My Access	Match 🔘 All 🔘 Any							
Requests	User Login Starts with		Start Date	Equals 💌		100		
🛄 Catalog	First Name Starts with		End Date	Equals 💌		1		
🍘 Track Requests	Last Name Starts with		Display Name	Starts with 💌				
Pending Attestations	Identity Status Equals	•	Account Status	Equals 💌	•			
Administration	E-mail Starts with		Organization	Equals 👻		Q		
🏠 Users			-					
🖓 Roles						Search	Reset Save	Add Fields 🔻
Role Categories	Search Results							
a Organizations	Actions 🔻 View 👻 🏠 Create 🥖 Edit	🖉 Enable 🛛 🖉 Disable 💥 D	elete 🛛 🖰 Lock Acc	ount 🛯 🔒 Unlock Acco	unt 🛛 🦉 Re	eset Password 🛛 🔞 Refre	esh 🔯 🚮 De	tach
Attestation Dashboard								
in Open Tasks	Row Display Name User Login	First Name	Last Name	Organization	Telephone Number	E-mail	Identity Status	Account Status
	1 Harry Potter HARRYPOTTER	Harry	Potter	Requests		harry.potter@oracle.com	n Active	Unlocked
	2 Internal User OIMINTERNAL	OIMINTERNAL	OIMINTERNAL	Xellerate Users			Active	Unlocked
1	3 Weblogic User WEBLOGIC	WEBLOGIC	WEBLOGIC	Xellerate Users			Active	Unlocked
	4 System Administrator XELSYSADM	System	Administrator	Xellerate Users		donotreply@oracle.com	Active	Unlocked
	•							F.
	Rows Selected 1							

Figure 5–31 View User Details



Click Delete User link to delete user.

Figure	5-32	Delete	User	Screen
i igui c	0 02	Derete	0301	001001

Home Inhox Hy Profile My Information My Information Catalog Catalog Basic Britisher V Ender Lier Organization & Admin Role Keiset Password Attributes Role Entitiement Account Direct Report Organization Requests Mode Name Harry Organization Requests Mode Name Potter Mode	ORACLE' Identity	Self Service		Accessibility Sandboxes	Customize Help	Sign Out	xelsysadn	" <u>O</u>
Image: Section Control Contrel Control Control Control Control Control	Interest and the second	👌 Users 🗙 🛔 User Details : Harry Pott X						
Image: Signed sequests Image: Signed sequests First Name Harry Organization Requests First Name Harry Organization Requests Image: Signed sequests First Name Harry Organization Requests First Name Harry Organization Requests Image: Signed sequests First Name Harry Organization Requests First Name Harry Organization Requests Image: Signed sequests First Name Harry Organization Requests User Type Employee Image: Signed sequests First Name Potter Account Status Unlocked Marry Organization Image: Signed sequests Email harry.potter@orade.com User Type Employee Marry Otter@orade.com Image: Signed sequests Start Date First Date Start Date First Date Image: Signed sequests First Date	My Profile My Information	Harry Potter Modify User Paable User Disable User Disable User Attributes Roles Entitlements Accounts Direct Reports	Corganizations Admin Roles					
Image: Back Backguests First Name Harry Organization Requests Image: Backguests Midde Name User Type Engloyee Image: Administration Last Name Potter Account Status Unicked Image: Backguests Xele Fach User Type Engloyee Image: Backguests Xele Fach User Type Engloyee Image: Backguests Xele Fach User Login MARXPOTTER Image: Backguests Manager User Login MARXPOTTER Image: Backguests Manager Display Name Harry Potter Image: Backguests Statubate Postal Address Postal Address Image: Backguests Postal Address Postal Address Image: Backguests Pager Postal Address Image: Backguests Fax Statubate Image: Backguests Pager Postal Code Image: Backguests Pager P	A Requests	Basic Information					🝓 Refres	sh
I dat Mamistration List Mame Potter Account Status Unicoded Velocities Velocities User Login HARXPROTTER Velocities E-meil harry-potter@orade.com Identity Status Active Velocities Manager Display Name Harry Potter Velocities Account Status Unicoded Identity Status Active Velocities Account Status Identity Status Velocities Identity Status Identity Status Velocities Inf Date Identity Status Velocit	💏 Track Requests 🕜 Pending Attestations	First Name Harry Middle Name	Organization Requests User Type Employee					
Manager Display Name Harry Potter Image: Categories Account Effective Dates Start Date Image: Categories Start Date Start Date Image: Categories Provisioning Date Start Date Image: Categories Provisioning Date Provisioning Date Image: Categories Categories Provisioning Date Image: Categories Provisioning Date Provisioning Date <th>Administration</th> <th>Last Name Potter Xellerate Type false E-mail harry.potter@orade.com</th> <th>Account Status Unlocked User Login HARRYPOTTER Identity Status Active</th> <th></th> <th></th> <th></th> <th></th> <th></th>	Administration	Last Name Potter Xellerate Type false E-mail harry.potter@orade.com	Account Status Unlocked User Login HARRYPOTTER Identity Status Active					
Image: Contraction Databoard Start Date Start Date End Date 12/31/2014 Image: Contraction Date Provisioning Dates Provisioning Date Deprovisioning Date Image: Contract Information Telephone Number Telephone Number Postal Address Home Prone PO Box Fax Street Mobile State Pager Postal Code Pager Postal Code	Role Categories	Manager	Display Name Harry Potter					
	Attestation Dashboard	Start Date End Date 12/31/2014						
Leprovisioning Users		Provisioning Dates Provisioning Date Descriptions						
Telephone Number Postal Address Home Phone PO Box Fax Street Mobile State Pager Postal Code Home Postal Address		Contact Information						
Mobie State Pager Potal Code Home Potal Address Commun.		relephone Number Home Phone Fax	Postal Address PO Box Street					
COUNTY CONTRACTOR		Mobile Pager Home Postal Address	State Postal Code Country					

User authentication happens on data stored in OID. If user details are not available in OID then the user will no more be an authenticated user.

6 Verification

This chapter details the verification of the configurations performed for OIM.

6.1 Verification of OIM Configuration

To verify OIM configuration, follow the steps:

1. Ensure that OID details are populated properly as per the environment used (under IT Resource details for Directory Server). Verify whether the server URL is in the following format:

Idap ://< OID IP> :< OID PORT>.

If **Connection pooling supported** flag is true, then update the parameter value to false. Current implementation is tested with Connection pooling supported flag to be false.

Figure 6–1 Viewing IT Resource Details and Parameters

You can view additional information about this IT resource : Directory Server T Resource Type Directory Server Directory Server Directory Server Directory Server 600 Admit Degin	View IT Resource Details and Parameters		
If Resource Name If Resource Type Directory Server Directory Server Parameter Value Admin Login 600 Admin Resource 600 Admin Resource 600 Cornection poling supported con-changelog Cornection poling supported 120 Cornection poling supported 600 Cornection poling supported 600 Cornection poling supported 120 Date Format 9000000000000000000000000000000000000	You can view additional information about this IT resource : Details and	arameters 💌	
It Resource Type Dectory Server Parameter Valee Parameter 600 Adamdoned connection timeout 600 Adamt Login 0.00 Adamt Dessourd 0.00 Adamt Dessourd 0.00 Adamt Dessourd 0.00 Connection gauge timeout 100 Connection value timeout 0.00 Date Format 9.00 Intactive connection timeout 600 Intactive connection timeout 600 Intactive connection timeout 0.00 Min poil size 5 Poil perference Default Server SURI 60 Terret supports on you connection 60 Server SURI 60 User Start Dessource connection contenter 60 User Start befault 60 User Start 60	IT Resource Name	Directory Server	
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Max pool size 10 Min pool size 5 Pool preference Default ResourceConnection class definition Orade.ism.idapsyot.impl.repostrory.LDAPConnection Search Base dc=i=fest,d=conn Server SSL URL idaps/!10.180.25.55:0060 Target supports only one connection false Target supports only one connection false User Reservation Container con=Users,dc=i=fest,dc=-com	Initial pool size		5
Min pool size 5 Dool preference Default ResourceConnection dass definition oracle.aan.ldapsync.impl.repository.LDAPConnection Search Base dc=ides.gd= <connection< td=""> Server SS. LRI. ddap://10.180.25.55:3060 Targets supports only one connection false Target supports only one connection false User SR_SU 60 User SR_SU false User servarban Container cn=Users,dc=-com</connection<>	Max pool size		10
Pool preference Default ResourceConnection dass definition oracle_iam.ldpapynci.impl.repository.iLDAPConnection Search Base cd e=/des,de=com Server SSL URL server URL Server URL idpapynci.impl.repository.iLDAPConnection Target supports only one connection false Target supports only one connection false User Reservation Container 60 Users,de=reation Container cm=Users,dc=-com	Min pool size		5
ResourceConnection dass definition oracle.ami.dago.mc.impl.repository.iLpAPConnection Search Base dc=i-flex.idc=com Server SSL URL iddp://10.180.25.55:0360 Sarget supports only one connection false Target supports only one connection false User SSL false User Reservation Container cn=Users,dc=i-flex.ydc=com	Pool preference		Default
Search Base dc=iflex,dd=com Server SU, URL Idap://10.180.25.55:060 Target supports only one connection false Target supports only one connection false Target supports only one connection false Uses SU, 60 Uses SU, false User Reservation Container cn=iJsers,dc=-rifex,dc=-com	ResourceConnection class definition		oracle.iam.ldapsync.impl.repository.LDAPConnection
Server SSL URL Idap://10.180.25.56:3060 Server URL Idap://10.180.25.56:3060 Target supports only one connection false Timout check Interval 60 User SEEsU false User SEEvration Container cn=Users,dc=-com	Search Base		dc=i-flex,dc=com
Server URL Idap://10.180.25.55:060 Target supports only one connection false Imenu theck Interval 60 User Sesary atom Container false User Reservation Container cn=Users,dc=i=fex,dc=-com	Server SSL URL		
Target supports only one connection false Timeout check interval 60 Uses SSL false User Securation Container cn=Users, dc=-iflex, dc=-com	Server URL		ldap://10.180.25.56:3060
Timeout check Interval 60 User SQL false User Reservation Container cn=Users,dc=i=flex,dc=:com	Target supports only one connection		false
User SSL false User Reservation Container Welder severation Container	Timeout check interval		60
User Reservation Container on Users,dc=i-flex,dc=com	Use SSL		false
Webdate annual to be been	User Reservation Container		cn=Users,dc=i-flex,dc=com
validate connection on borrow true	Validate connection on borrow		true

 When tried to create User from OIM, exception was thrown 'Unable to find attributes in OID schema.' for following attributes. If similar issue is faced, ensure the following attributes are present in OID Schema and are added to object class orclIDXPerson as optional attributes. (Required for OIM functioning).

Table	6-1	OID	schema	attributes

Attribute Name	Syntax
Orclpwdexpirationdate	Generalized Time
Orclpwdchangerequired	Boolean
Orclaccountenabled	Boolean
Orclaccountlocked	Integer

Note

The above mentioned attributes are added only for OIM functioning.

6.2 Verify Users in Native Collections

Following steps are required to verify users in native OBP Collections after provisioning:

1. Log in to OBP Collections Native UI using administrative credentials.

http://<Host>:<Port>/CollectionAdmin/cis.jsp

Q .	Sign In To OBP Collection Admin
User ID	
Password	Login

2. Navigate to User screen from **Menu > Admin > U > User**.

ORACLE OB	P Collection	on Admin	About 🕦	English System 🔻
i Home 🗮 Menu	Admin	History		? Help
User	С	Bookme	ark Clear Sav	re Refresh
User ID	E			Owner
Login ID	F			
Last Name	G	User Enable V		
First Name	н	User Type	•	
Language	1	Portals Profile User ID	Q	
Display Profile ID	L	Favorites Profile User ID	Q	
Time Zone	м			
Email Address	P			
Dashboard Width	Q			•
Home Page 📃 📃	R	Q.		
To Do Summary Age Bar	s			
To Do Entries Less Than	т	Should Be Green		
To Do Entries More Than		Should Be Red		
User Group	w	Use Defend Field		
+ 🛍 🕾	VV	Viser Delined Fields Add		
		User Group		
				-
-				0

Figure 6–3 User Screen - User Navigation

Figure 6–4 User Screen - Main Tab

ORACLE OBP Collection Admin	About 🚺 English System 🔻
☆ Home 🚍 Menu 💋 Admin History	Help
User	Bookmark Clear Save Refresh
Main To Do Roles Access Security Portal Preferences Bookmarks Favorite Links Favorite Scripts Characteristics Miscellaneous	
	Owner
Login ID	hia T
East Name Eist N	
Language Portais Pro	rofile User ID
Display Profile ID Favorites I	Profile User ID
Time Zone	
Email Address	
Dashboard Width	
Home Page 📃 🔍	
To Do Summary Age Bar	
To Do Entries Less Than U Days Old Should Be Green	
lo Do Entries More Trans	
	0

3. Click **Search** icon. User Search dialog window is displayed. To search for a user, enter **User ID** and click **Search**.

Figure 6–5 Searching Particular User

User ID	HARRYPO	ОТ		
Login ID				
Last Name				
First Name				
User ID	Login ID	Last Name	First Name	User Type

Figure 6–6 Search Result in User screen

User			Bookmark	Previous Item Next Item	Clear Save	Refresh		
Main To Do Roles Access Security Portal Preferences Bookmark	S Favorite Links Favorite Scripts	Characteristics Miscellaneous						
User ID HARRYPOT Q					Owner Custor	mer Modifica		
Login ID HARRYPOTTER								
Last Name Potter	User Enable En	able 💌						
First Name Harry	User Type	•						
Language English 💌	Portals Profile User ID	्						
Display Profile ID NORTHAM 🔍 North America	Favorites Profile User ID	्						
Time Zone	Q							
Email Address harry.potter@oracle.com	s harrypoter@oracle.com							
Dashboard Width 200								
Home Page 📃 🔍								
To Do Summary Age Bar								
To Do Entries Less Than 50 Days Old Should Be Green								
To Do Entries More Than 100 Days Old Should Be Red								
User Group	Expiration Date Owner							
🛨 🍵 🕖 ALL_SERVICES 🔍 System User Group	12-31-2100 🎬 Customer M	odification						
	12-31-2100 101 Customer M	adification						

6.3 Create Users in Collections

Follow below steps to create user in Collections.

1. Log in to OBP Collections native UI using administrative credentials.

http://<Host>:<Port>/CollectionAdmin/cis.jsp
Figure 6–7 OBP Collections Native Login screen

Ö.,	Sign In To OBP Collection Admin
User ID	
Password	
	Login
Land	uana Englich

2. Navigate to User screen from **Menu > Admin > U > User**.

Figure 6–8 OBP Collections native - User Navigation

ORACLE [®] OBP Collection Ad	imin ,	About 🚺 English System 🔻
i Home 🗮 Menu 💋 Admin 📢 H	listory	? Help
Home Menu Admin A User A B Main To Do Roles C User ID D D Login ID E Last Name F First Name G Language H Display Profile ID I Time Zone L Email Address L Dashboard Width M Home Page E To Do Entries Less Than R To Do Entries More Than S User Group T	History Bookmarks Fevorite Links Fevorite Scripts Characteristics Miscellaneous User Enable User Type User Type User Type	Help Iear Save Refresh Owner A
		•

Figure 6–9 OBP Collections native - Main Tab

ORACLE OBP Collection Admin	About 🤇	English System 🔻
Admin < History		🕜 Help
User	Bookmark Clear	Save Refresh
Main To Do Roles Access Security Portal Preferences Bookmarks Favorite Links Favorite Scripts Characteristics Miscellaneous		
User ID Q		Owner
Login ID		
Last Name User Enable	٣	
First Name User Type	٣	
Language Portals Profile User ID	्	
Display Profile ID Revortes Profile User ID	्	
Time Zone Q		
Email Address		
Dashboard Width		•
Home Page 🛃 🔍		
To Do Summary Age Bar		
To Do Entries Less Than 0 Days Old Should Be Green		
To Do Entries More Than 0 Days Old Should Be Red		
User Group Expiration Date Owner		

3. In the User page, enter the following details in the respective fields:

User Id: OIMOBPCO

Login Id: OIMOBPCOLL

First Name: OIMOBPCOLL

Last Name: OIMOBPCOLL

Language: English

Display Profile ID Tender Source: NORTHAM

Email Address: OIMOBPCOLL@oracle.com (This is a sample email address. Provide valid administrator email address)

Dashboard Width: 200

Home Page: c1_ormbhTabMenu

To Do Entries <:50

To Do Entries >:100

User Group: CLNHOSTUSER with Expiration Date: 01-01-2100 (add expiration date as per requirement)

User Enable: Select Enable

4. Click Save.

Figure 6–10 User Screen

	About 🚺 English System 🔻
☆ Home	Help
User Main To Do Roles Access Security Portal Preferences Bookmarks Favorite Links Favorite Scripts Characteristics Miscellaneous User ID OIMOBPCO Q Q Login ID OIMOBPCOLL Login ID Discourse Control of the Cont	Bookmark Duplicate Delete Clear Save Refresh Owner Customer Modification
Last Name OMOGPCOLL First Name OMOGPCOLL Language English Display Profile ID NORTHAM Q North America	User Enable Enable User Type Portals Profile User ID Favorites Profile User ID Q
Ime cone Image: Cone Email Address OIMOBPCOLL@oracle.com Dashboard Width 200 Home Page C1_ormbhTabMenu Q ORMB Portal	•
To Do Summary Age Bar To Do Entries Less Than 50 Days Old Should Be Green To Do Entries More Than 100 Days Old Should Be Red	-
User Group Expiration Date Owner	

OIMOBPCOLL User is successfully created in Collections.