# **Oracle® Banking Platform Collections**

Infrastructure Setup Guide Release 2.3.1.0.0 **E92632-01** 

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Oracle Banking Platform Collections Infrastructure Setup Guide, Release 2.3.1.0.0

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# Preface

This document helps you to configure the Collections infrastructure setup.

This preface contains the following topics:

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

## Audience

This document is intended for the following:

- Consulting Staff
- Administrators

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# Organization of the Guide

This document contains:

#### Chapter 1, "Introduction"

This chapter presents an overview of the infrastructure setup required for Collections.

#### Chapter 2, "PTP Approval Changes"

This chapter describes the PTP approval changes, prerequisite, and verification for infrastructure setup.

# Conventions

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.

The following text conventions are used in this document:

# Introduction

1

This document explains the configuration required in enterprise services, such as DMS, OIM, APS to enable Collections module deployment along with OBP platform. You must perform the configuration outlined in this document once Collections module is deployed along with OBP version 2.3.0.0.0. Collections module uses Document Management System (DMS), Oracle Identity Manager (OIM), APS API for document generation and delivery, user profile management, and application security. Various functional components in Collections use the enterprise services offered by OBP.

# **PTP Approval Changes**

Collectors take promise to pay from customers for the outstanding amount. A Promise to Pay (PTP) transaction may require supervisor approval based on various parameters. The parameters on which PTP approval decision has to be made are covered in subsequent sections along with the details of configuration required to setup the approval process. The PTP approval process has been implemented with Oracle Authorization Policy Manager.

#### Prerequisite and Verification

Before you configure the Oracle Authorization Policy Manager (OAPM), ensure the following verifications are performed:

#### Verifying Installed Application

You need to follow the below mentioned steps to verify installed application:

- 1. Collections module must be deployed along with OBP and is up and running.
- 2. SOA Domain must be configured along with OBP UI and Host Domain.
- **3.** Oracle Authorization Policy Manager (OAPM) must be installed. OAPM is used to implement the resource hierarchies and multiple policy definitions. This is also termed as OES (Oracle Entitlements Server) or APM (Authorization Policy Manager) to verify product shipped configurations in the SOA Domain.

The UI, Host and SOA domains are secured.

**4.** Ensure that the following are present for PTP approval OES parameters. Following are product shipped parameters, which can be used for configuration:

<pre><host_ home="">/config/properties/ConstraintAttrib uteHelper.properties Product Shipped Parameters</host_></pre>	Adapters
PromiseToPay.PTPType	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.ProductGroup	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.DaysPastDue	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.CoverageRatio	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.ScrificeAmount	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter

Table 2–1 Product-Shipped Adapter Parameters

Table 2–1 (Cont.) Product-Shipped Adapter Parameters

<host_ Home&gt;/config/properties/ConstraintAttrib uteHelper.properties Product Shipped Parameters</host_ 	Adapters
PromiseToPay.DaysToFirstInstallment	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.NumberOfInstallments	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.TotalPromiseDurationInDays	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter
PromiseToPay.UserRole	com.ofss.fc.app.adapter.impl.collection.PromiseToPayWorkflowA dapter

**5.** To verify whether PTP is configured for approval in the BPM worklist, use the following piece of SQL statement. The SQL query has to be run on the OBP Host database.

SELECT \* from Flx\_Sm\_Authorizations\_B where Cod\_Service\_Id =
'com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicati
onServiceSpi.create';

Verify results based on the following table:Column	Values
COD_SERVICE_ID	com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicati onServiceSpi.create
COD_AUTH_ID	1052
AUTH_DESC	<b>MATRIX_AUTH</b> (This is to execute the OES rules and check if approval is needed or the PTP can be auto approved)
IS_AUTH_REQUIRED	$\mathbf Y$ (meaning that the PTP should check the OES rules and go for approval if needed)
IS_DELEGATED	N
CREATED_BY	SETUP
CREATION_DATE	<some and="" date="" time="" value=""></some>
LAST_UPDATED_BY	SETUP
LAST_UPDATE_DATE	<some and="" date="" time="" value=""></some>
OBJECT_VERSION_NUMBER	1
OBJECT_STATUS	А

Table 2–2 Verifying BPM Worklist Parameters

If the above row is not present, insert a new row with given values by using the following SQL statements.

Insert into FLX\_SM\_AUTHORIZATIONS\_B (COD\_SERVICE\_ID,COD\_AUTH\_ID,AUTH\_ DESC,IS\_AUTH\_REQUIRED,IS\_DELEGATED,CREATED\_BY,CREATION\_DATE,LAST\_ UPDATED\_BY,LAST\_UPDATE\_DATE,OBJECT\_VERSION\_NUMBER,OBJECT\_STATUS) values ('com.ofss.fc.app.collection.service.promisetopay.PromiseToPayApplicati onService.create','1052','MATRIX\_AUTH','Y','N','SETUP',to\_ timestamp('31-MAY-10 02.33.04.00000000 PM','DD-MON-RR HH.MI.SS.FF AM'),'SETUP',to\_timestamp('31-MAY-10 02.33.04.00000000 PM','DD-MON-RR HH.MI.SS.FF AM'),1,'A');

If the value of the field IS\_AUTH\_REQUIRED is N, then it can be updated from SM110 screen that is, Approval Checks. The value has to be update to Y from SM110 screen for this application service.

# 2.1 PTP Changes in APM

APM/OES is a system where you can define Oracle Entitlement Server (OES) rules. These rules help in deciding whether PTP approval should be a manual approval or auto-approved.

**Note:** These rules are part of Day Zero Setup. You can use this document to verify whether the rules have been configured or not. If the rules are not configured, then you use this document to configure them.

- 1. In APM, you should add the attributes, based on their values, it is decided whether PTP should be auto-approved or should go for manual approval.
- **2.** The attributes added uses simple if else conditions and based on the final result (true/false), the decision to auto-approve or manual approve is made.

#### 2.1.1 Adding the Attributes Required for PTP OES Validation

Follow the steps below to add the attributes required for PTP OES validation:

1. Log in to APM (OES) with administrative credentials.

#### Figure 2–1 APM (OES) Login

🕒 Oracle Entitlements Server 🗙	- Reparent Mater	months in the		_ 0 _ X
🗲 -> C 🗋 10.180.168.170.9001/apm/faces/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9 😪 😰 💽 🚍				
ORACLE <sup>®</sup> Entitlements Server				Accessibility Help Sign Out O Signed in as weblogic
Authorization Management System Configura	ation			
Search 3	Home			
For Application Roles ▼ In OradeFLEXCUBE ▼	Welcome to Authorization Policy Manager, the administrat	ion console for Oracle Entitlements Server.		
Browse Search Results	Select an application to manage, then select an action from the links h	elow		
Action - View -	Application Name	mes	& Role Manning Policies	
Dig Global	OradeFLEXCUBE New	, CS	New	
Applications	Search		Search	
	C Application New	Roles	Sew Entitlements	
	Search		Search	
	🔅 Resources		Authorization Policies	
	Search		Search	
	Note: objects will be	created in the default domain		
	Entitlements Resource Center	Search and Create		
	How to get started with Oracle Entitlements Server	🖓 Search - External Roles		
	How to navigate Authorization Policy Manager	🔁 Search - Applications		
	How to configure Application Access	🔁 Create - Application		
	How to configure Application Policy			
	(2) How to configure Delegated Administration			
	4			
opyright © 2011, Oracle and/or its affiliates. All rights reserved. Oracle Entitlements Server   11.1.1.5.0				

- In the Authorization Management tab, under Search > For Attributes > In OID PolicyDomain > Search for any attribute from the list provided below:
  - PromiseToPay\_PTPType
  - PromiseToPay\_ProductGroup
  - PromiseToPay\_DaysPastDue
  - PromiseToPay\_CoverageRatio
  - PromiseToPay\_ScrificeAmount
  - PromiseToPay\_DaysToFirstInstallme
  - PromiseToPay\_NumberOfInstallmen
  - PromiseToPay\_TotalPromiseDurationInDays
  - PromiseToPay\_UserRole

Below mentioned screen is the Attribute PromiseToPay\_DaysPastDue screen.

Figure 2–2 Attribute - PromiseToPay\_DaysPastDue

Cracle Entitlements Server ×				
← → C 🗋 10.180.168.170:9001/apm/faces/AuthPolic				
ORACLE' Entitlements Server				
Authorization Management System Configurat	tion			
Search ? For For Attributes Select Application In OracleFLEXCUBE PromiseToPay_DaysPastDue Browse Search Results	Home Welcome			
Action View View Solution	Application M OracleFLEXC			

**3.** If the attribute **PromiseToPay\_DaysPastDue** does not exist, then create it by clicking the **New** icon.

Figure 2–3 Attribute - PromiseToPay\_DaysPastDue New



Authorization Management System Configura	tion
Search (2) For Attributes I	Ho We
PromiseToPay_DaysPastDue	Sele
Actions  View  View  Name Name Name New	App Ora

**4.** Enter **Display Name**, **Name**, and **Description**. The **Display Name**, **Name**, and **Description** will be same as the attribute name.

#### Figure 2–4 Entering Values

🗋 Oracle Entitlements Server 🗙 🚺	The second	
← → C 🗋 10.180.168.170:9001/apm/fa	ces/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9	☆ 🙆 🖸 =
ORACLE <sup>®</sup> Entitlements Server		Accessibility Help Sign Out O
Authorization Management System Configu	ration	and the second se
Search 3	Home Intitled	-
For Attributes  In OradeFLEXCUBE	OradeFLEXCUBE Extensions Attributes	
PromiseToPay_DaysPastDue	Untitled	Save 👻 Cancel
Actions • View • <table-cell> 🔁 Name Imit PromiseToPay_DaysPastDue</table-cell>	Display Name PromiseToPay_DaysPastDue * Name PromiseToPay_DaysPastDue Description PromseToPay_DaysPastDue Category Dynamic  Type String  Input Values  Single Multiple	"Required

- 5. Select Category as Dynamic.
- 6. Select the Type and Input Values based on the field type and the kind of values.
- 7. Click Save.

The following table lists the PTP manual and auto-approve parameters.

Table 2–3 PTP Manual and Auto-Approve Parameters

Display Name	Name	Description	Category	Туре	Input Values
PromiseToPay_ PTPType	PromiseToPay_ PTPType	Indicates the promise to pay type.	Dynamic	String	Single
PromiseToPay_ ProductGroup	PromiseToPay_ ProductGroup	Indicates the product group for which the PTP has been taken.	Dynamic	String	Single
PromiseToPay_ DaysPastDue	PromiseToPay_ DaysPastDue	Indicates the days past due.	Dynamic	String	Single
PromiseToPay_ CoverageRatio	PromiseToPay_ CoverageRatio	Indicates the coverage ratio.	Dynamic	Integer	Single
PromiseToPay_ ScrificeAmount	PromiseToPay_ ScrificeAmount	Indicates the sacrifice amount.	Dynamic	Integer	Single
PromiseToPay_ DaysToFirstInstallm ent	PromiseToPay_ DaysToFirstInstallme nt	Indicates the day after the first installment.	Dynamic	String	Single
PromiseToPay_ NumberOfInstallme nts	PromiseToPay_ NumberOfInstallmen ts	Indicates the total number of installments in PTP.	Dynamic	String	Single
PromiseToPay_ TotalPromiseDurati onInDays	PromiseToPay_ TotalPromiseDuration InDays	Indicates the total promise duration in days.	Dynamic	String	Single
PromiseToPay_ UserRole	PromiseToPay_ UserRole	Indicates the role of the user who has created the PTP.	Dynamic	String	Single

## 2.1.2 Editing Conditions on Attribute

The OES rules are checked based on the conditions defined in the rules. These rules are defined based on the functional requirement and business perspective. In this case, the OES rules are defined to decide whether PTP has to go for manual approval or has to be auto approved. If the outcome is true, auto approval is done, else PTP is sent for manual approval.

**Note:** The services will be product shipped and will be available after the day 0 setup. Please follow the steps below to define/verify the conditions on the attributes that are present in the table above.

- Click Browse > Applications > [Policy Store Area] > [Policy Store Domain] > ResourceCatalog. Select Resources, then right-click and select Open (to verify).
- 2. Right-click **Resources** and then select **New**.

Figure 2–5 Authorization Management - Creating a New Resource

Authorization Manager	nent Syst	tem Configuratio
Search ③ For Attributes ☑ In OracleFLEXCUBE ☑		
PromiseToPay	Search Results	
Action  view  view		
✓ P Applications ✓ P OradeFLEXCUBE		
▷ 🔓 Role Catalog	es	
▷ Extensions▷ <a>G</a> Default Policy	Domain	
⊽ 🌀 OradeFLEXCU 🛃 Authorizat	IBE ion Policies	
	Catalog nents	
🔅 Resou	New	Ctrl+N
	Dpen	Ctrl+O
	Expand Expand All Be	elow
	Collapse All E	Below
	Show as Top	

When you click the **New** button, following screen appears.

Figure 2–6 Authorization Management - New Resource Page

Home 🔪 🚳 Untitled			
OradeFLEXCUBE   OradeFL	EXCUBE   Resource Catalog   Resource		
Untitled			Save v Cancel
			"Required
*Resource Type Page	•		
Display Name			
* Name			
Description			
Instance Attributes and Ov	verwrites		
Actions • View • of Ac	dd 💥 Remove		
Display Name	Name	Values	
No data to display.			
			,

3. In the Untitled screen, specify the following values:

Table 2–4 Creating New Resources

Field Name	Value
Resource Type	Service
Display Name	com. of ss. fc. appx. collection. service. promise to pay. Promise To Pay Application Service Spi. creater to the service service of the service ser
Name	com. of ss. fc. appx. collection. service. promise to pay. Promise To Pay Application Service Spi. create
Description	com. of ss. fc. appx. collection. service. promise to pay. Promise To Pay Application Service Spi. creater to the state of the stateo

4. Select the Resource Type as Service.

Figure 2–7 Authorization Management - Selecting Resource Type

OradeFLEXCUBE   OradeFLEXCUBE   Reso	ource Catalog Resources		
Untitled		Save 🗸 C	ancel
* Resource Type Service Page ReportField ServiceReportField * Name AddU.Component Description Report Service Taskflow	Resource Type	"Requ	ed
Instance Attributes and Overwrites	/A		- E
Display Name	Name	Values	
No data to display.			_
•		II.	F

5. Click Save.

## 2.1.3 Adding Policies to Resources

Policies are added to apply grant or deny permissions to the application roles to the application service configured.

The following application roles are shipped along with the product and will be available in Oracle Internet Directory (OID) once the Day Zero setup is completed.

Table 2–5Application Roles

Application Role Description	Corresponding Role in OID
Collector (Dialer)	ClnCollectorDialer
Collector (Early - Prompt mode)	ClnCollectorErPmtMd
Collector (Early - List mode)	ClnCollectorErLstMd
Collector (Recovery)	ClnCollectorRecov
Supervisor (Collection)	ClnSupervisorCln
Supervisor (Recovery)	ClnSupervisorRecov
Manager (Collection)	ClnManagerCln
Manager (Recovery)	ClnManagerRecov
Collection Admin	ClnCollectionAdmin

**1.** You can search the resource from APM domain and view the added attribute in the Service Searched screen.

Figure 2–8 Service Searched Screen

OradeFLEXCUBE 0	OradeFLEXCUBE   Resi	ource Catalog Resources			
com.ofss.fc.app.	collection.service	e.promisetopay.PromiseToP	ayApplicationService.create	Apply Reve	rt
Name com.or Description Collect	fss.fc.app.collection.se tion - PromiseToPay .cre	rvice.promisetopay.PromiseToPayApplic eate	ationService.create	*Required	*
Instance Attributes Actions • View •	and Overwrites	ve	hat		
Display Name	Point	Transaction Charle Daint	values	-	
SecondFactor	C. On C	SecondFactor	Your		
FinancialIndicator		FinancialIndicator	FALSE		Ξ
ApplicationCategor	ry	ApplicationCategory	Collection - Create Services		
OAAM_Transaction	1_ID	OAAM_Transaction_ID	nul		
AllowedPolicyAttrib	outes	AllowedPolicyAttributes	PromiseToPay_PTPType, PromiseToPay_DaysPastDue, PromiseToPay_NumberOfInstaliments, PromiseToPay_TotalPromiseDurationInDays		
UIDenialsEvaluation	nRequired	UIDenialsEvaluationRequired	FALSE		
> ApplicationValidatio	n	ApplicationValidation	N		

2. To search a service, select **Display Name** as **Equals** and **Value** as **com.ofss.fc.appx.collection.service.promisetopay.PromiseToPayApplicationServ iceSpi.create**.

#### Figure 2–9 Searching a Service

🕒 Oracle Entitlements Serve: ×	Response water a	
← → C 🗋 10.180.168.170:9001/apm/fac	:es/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9	☆ 🙆 🗿 🗉
ORACLE <sup>®</sup> Entitlements Server		Accessibility Help Sign Out C
Authorization Management System Configure Search 3	aton Home 👹 Search Resources Search Resources	
PromiseToPay_DaysPastDue	OradeREXCUEE   OradeREXCUEE   Resource Catalog	
Action  View  Global Global Global Global	* Resource Type   Service   Display Name Equals   com.ofss.fc.app.colection.service.p  Nome Starts With	
✓	Search Results A limit of 300 resources of this resource type are shown below. Actions v View v Y Yew Co Open X Delete Y Greate Policy Q Find Policies	Search Reset

- 3. Click Search.
- 4. In the Search Results grid, click the returned value and then click Find Policies.

Figure 2–10 Search Resources - Find Policies

🕒 Oracle Entitlements Server 🗙 🔽	Responding to the local day	- 0 - ×
← → C 🗋 10.180.168.170:9001/apm/fac	es/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9	☆ 🙆 🔕 🗉
ORACLE <sup>®</sup> Entitlements Server		Accessibility Help Sign Out C
Authorization Management System Configu	ation	
Search 3	Home 🔅 Search Resources	
For Attributes - In OradeFLEXCUBE -	Search Resources	
PromiseToPay_DaysPastDue	OradeFLEXCUBE   OradeFLEXCUBE   Resource Catalog	
Action - View -	* Resource Type Service	
D 🔮 Global	Display Name Equals 💽 com.ofss.fc.app.collection.service.r	
V Phications	Name Starts With 💌	
V He OradeFLEXCUBE		Search Reset
Resource Types	Search Results A limit of 300 resources of this resource type are shown below.	
Extensions	Actions 🕶 View 👻 📴 New 📄 Open 💥 Delete 📑 Create Policy 🔍 Find Policies	
Default Policy Domain	Display Name Description	
V G OradeFLEXCUBE	com.ofss.fc.app.collection.s com.ofss.fc.app.collection.s Collection - PromiseToPay .create	
Authorization Policies		
V n Resource Catalog		

**5.** In the **Search Results** section, click **New**. A new tab named **Untitled** opens alongside Search Authorization Policies tab.

Figure 2–11 Search Authorization Policies

🕒 Oracle Entitlements Server 🗙	Response working a	
← → C 🗋 10.180.168.170:9001/apm/fac	ces/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9	☆ 🙆 🔵 =
ORACLE: Entitlements Server		Accessibility Help Sign Out C Signed in as weblogic
Search ③ For Atthibutes T In OradeFLEXCUBE PromiseToPay_DaysPasDue PromiseToPay_DaysPasDue Search Results	None         © Search Resources         Search Authorization Polk           OradeFLEXCUBE         OradeFLEXCUBE         Search Policies	Find By Policy
Acton ▼ View ▼	✓ Search     Effect     Display Name Starts With     Target Equals     com.ofss.fc.app.collection.service.{     Name Starts With      Search Results     Actors ▼ Wew ▼ Pp New Ø Open	Search Reset

6. In the **Untitled** tab, specify the following values:

Field Name	Value
Effect	Permit
Display Name	<pre><the_application_role_for_whom_grant_is_given_all_caps>_<application_ name="">_APPX_COLLECTION_SERVICE_PROMISETOPAY_ PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_ PERFORMWITHOUTAPPROVALS_PL</application_></the_application_role_for_whom_grant_is_given_all_caps></pre>
Name	<pre><the_application_role_for_whom_grant_is_given_all_caps>_<application_ name="">_APPX_COLLECTION_SERVICE_PROMISETOPAY_ PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_ PERFORMWITHOUTAPPROVALS_PL</application_></the_application_role_for_whom_grant_is_given_all_caps></pre>
Description	<pre><the_application_role_for_whom_grant_is_given_all_caps>_<application_ name="">_APPX_COLLECTION_SERVICE_PROMISETOPAY_ PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_ PERFORMWITHOUTAPPROVALS_PL</application_></the_application_role_for_whom_grant_is_given_all_caps></pre>
Principals	Match - All

 Table 2–6
 Searching Policies - Search Authorization

For example,

LNCOLLECTORDIALER\_OBP\_APPX\_COLLECTION\_SERVICE\_PROMISETOPAY\_ PROMISETOPAYAPPLICATIONSERVICESPI\_CREATE\_PERFORMWITHOUTAPPROVALS\_PL

**a.** In the **Principals** section, click the **Add Principals** icon. The **Search Principal** window appears.

### Figure 2–12 Search Principal

thorization Management System Co	onfiguration
rch 2	« 🔗 Search Resources 🔰 🔅 com.ofss.fc.app.collectio 🔰 💽 Search Authorization Poli 🕥 💽 Untitled
acleFLEXCUBE	OradeFLEXCUBE   OradeFLEXCUBE   Authorization Policies
•	Untitled Save Can
Browse Search Results	*Effect @ Barrol: @ Dany
tion - View - 🗳 🗁	v blev o penne Obiy
3 Gobal	Name & Description     Description
7 🔁 OracleFLEXCUBE	* Name /
Role Catalog	
Resource Types	Drag & Drop Principals (Roles & Users) to the table below or click the + to add from a Search dialog.
G Default Policy Domain	
	Mecho (Arry All
Authorization Policies	No data to display.
Resource Catalog     Entitlements	
Resources	
	Drag & Drop Targets (Resources & Entitlements) to the table below or click the + to add from a Search dialog.
	✓ Stargets
	Name Enabled Actions
	Condition Obligations
	Click Edit Condition to build a new one Edit Condition

**b.** In the **Search Principal** window, select Application Roles tab, and then search for the application role which is shipped with the product.

T Scarch r Incipal	
Search for Principals and add them	to the Selected Items table below.
Application Roles	👬 External Roles 🛛 🕴 Users
Search Default Roles	
Application OradeFLEXCUBE	
Display Name Starts With 🔻	
Name Starts With 👻	
Category -	
	Search Reset
Search Results	
View - 🛇 Add Selected	Mdd All
Display Name Role Na	ame Description Category
Selected Principals	
Selected Principals View	Remove All
Selected Principals View    View	Remove All
Selected Principals View	Remove All Name Add Principals Cancel

Figure 2–13 Search Principal - Application Roles

c. In the result grid, select **Authenticated** role and then click **Add Principals**.

#### Figure 2–14 Search Principal

Search Principal				×
Search for Principals and add ther	m to the Selected	Items	table below.	
Application Roles	🛛 👬 Externa	ıl Role	s 🕴 Users	
Search Default Roles				
Application OracleFLEXCUE	3E			
Display Name Starts With	Coll			
Name Starts With	•			
Category 🗨				
				Search Reset
Search Results				
View 👻 🛇 Add Selected	💥 Add All			
Display Name	Role Name		Description	Category
CollectionAdministrators	CollectionAdmin	nistr	Group of Collectio	
	collectionadmin		Group of Collectio	
collectionadmin				
collectionadmin Coll-Collector-Dialer	Coll-Collector-D	ialer	Coll-Collector-Dialer	
Collectionadmin Coll-Collector-Dialer Rows Selected 1	Coll-Collector-D	Dialer	Coll-Collector-Dialer	
Collectionadmin Coll-Collector-Dialer Rows Selected 1	Coll-Collector-D	ialer	Coll-Collector-Dialer	
collectionadmin       Coll-Collector-Dialer       Rows Selected       1   Selected Principals View	Coll-Collector-D	All	Coll-Collector-Dialer	
collectionadmin       Coll-Collector-Dialer       Rows Selected       1       Selected Principals       View •       Q Remove Selected       Display Name	Coll-Collector-D	All Name	Coll-Collector-Dialer	
collectionadmin         Coll-Collector-Dialer         Rows Selected       1         Selected Principals         View ▼	Coll-Collector-D	All	Coll-Collector-Dialer	dd Principals Cancel

d. In the Targets section, click the Add Targets icon.

The **Search Target** window appears. In the **Search Targets** window, select the same service for which the policy is configured.

Figure 2–15 Search Targets

Oracle Entitlements Server ×	or tool and the Property of the Wood Ref.	
← → C [] 10.180.168.170:9001/apm/	faces/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9	☆ 🙆 🔘 =
ORACLE: Entitlements Server		Accessibility Help Sign Out C
Authorization Management System Conf	iguration	
Search 3	Home 🔅 Search Resources 🛛 📓 Search Authorization Poli 🛛 📑 AUTHENTICATEDROLE_ORACLEF	🛃 Untitled 🛛 🔹
For Attributes I In OracleFLEXCUBE	OradeFLEXCUBE OradeFLEXCUBE Authorization Policies	
PromiseToPay_DaysPastDue	Untitled	Save Cancel
Browse Search Results	*Effect  Permit  Deny	
	Name & Description	
✓ I Applications	Display Name AUTHENTICATEDROLE_ORACLEFLE Description AUTHENTICATEDROLE_ORACL	
	*Name AUTHENTICATEDROLE_ORACLEFLE	
Resource Types	Drag & Drop Principals (Roles & Users) to the table below or click the + to add from a Search dialog.	
Extensions	🗵 🔁 Principals	💠 🗙
▷ V@ Default Policy Domain ♥ G OracleFLEXCUBE	Match O Any @ All	
Authorization Policies	Name I Authenticated	()
✓ K Resource Catalog Entitlements		
Resources		
	Drag & Drop Targets (Resources & Entitlements) to the table below or click the + to add from a Search dialog	j.
	✓ <sup>®</sup> Targets	+ ×
	Name Enabled Actions	
	Condition Obligations	
	Click Edit Condition to build a new one	Edit Condition
	1	
anuriakt @ 2011. Oracle and lasite affliates. All sister area	and	Orada Estitlamente Server   11.1.1.5.0
opyngnt © 2011, Oracle and/or its amilates. All rights rese	veu.	Grade Entitlements Server   11.1.1.5.0

e. Click Add Targets.

#### Figure 2–16 Add Targets

🗣 Search Targets	
Search for targets and add them to the selected targets table below.	
🎄 Entitlements 🛛 🌼 Resources	
Search Resource Expression	
Display Name Equals com.ofss.fc.app.collection.service.	
Name Starts With	
Resource Type Service	
	Search Reset
Search Results	
View 👻 Add Selected 🛛 💥 Add All	
Display Name	Name
com.ofss.fc.app.collection.service.promisetopay.PromiseToPayApplica	com.ofss.fc.app.c
Rows Selected 1	]
Selected Targets	
View - 💫 Remove Selected 🔗 Remove All	
Display Name Name	
<pre>\$\$\$ com.ofss.fc.app.collection.service.promiseto com.ofss.fc.app.collect</pre>	on.service.promiset
Rows Selected 1	
А	dd Targets   Cancel
	du l'argets Cancer

The searched target appears in the **Untitled** tab.

#### Figure 2–17 Target Appears

🗅 Oracle Entitlements Server 🗙 📃	and the second sec	- 0 <b>- X</b>
← → C 10.180.168.170:9001/ar	pm/faces/AuthPolicyMgr.jspx?_afrWindowMode=0&_afrLoop=1982537810569434&_adf.ctrl-state=1vs2y8rqb_9	☆ 🙆 🔘 /
ORACLE <sup>®</sup> Entitlements Server		Accessibility Help Sign Out Signed in as weblor
Authorization Management System C	Configuration	
Search 3	Home 🔰 🌞 Search Resources 💦 🗟 Search Authorization Poli 💦 📑 AUTHENTICATEDROLE_ORACLEF 🍡 📑	Untitled
For Attributes I In OradeFLEXCUBE	OradeFLEXCUBE OradeFLEXCUBE Authorization Policies	
PromiseToPay_DaysPastDue	Untitled	Save Cancel
	*Effect  Permit  Deny	
	✓ Name & Description	
V P Applications	Display Name AUTHENTICATEDROLE_ORACLEFLE Description AUTHENTICATEDROLE_ORACL	
✓ B OracleFLEXCUBE	*Name AUTHENTICATEDROLE_ORACLEFLE EFLEXCUBE_APP_COLLECTION	
Role Catalog	Purs & Purs Brinning (Maler & Licere) to the table below or dirk the ± to add from a Search dialog	
Extensions	Drag & Drop Minopals (Koles & Osers) to the table below of clock the minor document address address.	
Default Policy Domain	Match Any Al	• •
✓ G OracleFLEXCUBE	Name	
Authorization Policies     Where Catalog	Authenticated	<b>i</b>
Entitlements		
Resources		
	Drag & Drop Targets (Resources & Entitlements) to the table below or click the + to add from a Search dialog.	
	✓ Stargets	🕂 🗙
	Name Enabled Actions	
	Com.ofss.fc.app.collection.service.promisetopay.PromiseTi	0
	Expand	
	Condition Obligations	
	Click Edit Condition to build a new one	Edit Condition

f. In the **Targets** section, click the **Expand** arrow for the selected target and select **performWithoutApprovals**.

Figure 2–18 Targets - performwithoutApprovals

	Drag & Drop Targets (Resou	rces & Entitlements) to the table below or click the ·
l logo Targets		
Name		Enabled Actions
v tomorss.re.app.collection.	service.promisetopay.Promiser	
Derform		
periorini		

- g. Click Edit Condition.
- h. Select PromiseToPay\_DaysPastDue attribute.
- i. Click Add.
- j. Select the condition.
- **k.** Select the value for comparison.

#### Figure 2–19 Condition Builder

	les to a	In	-
Name	Display Name	Data Type	_
Party_PartyClass	Party_PartyClass	String	
Party_RelationshipValue	Party_RelationshipValue	String	
User_Title	User_Title	String	
User_DateOfBirth	User_DateOfBirth	String	
User_BusinessPoBox	User_BusinessPoBox	String	
User_FirstName	User_FirstName	String	
ApplicationValidation	ApplicationValidation	String	
Payments_AccountName	Payments_AccountName	String	
WithdrawCashSpi_OriginatingBranchCu	WithdrawCashSpi_OriginatingBranchCur	String	
BillerCustomerRegistration_BillerRefere	BillerCustomerRegistration_BillerRefere	String	
Payments_PayeeName	Payments_PayeeName	String	
PartyAttributes_OLDPhoneNo	PartyAttributes_OLDPhoneNo	String	
GlobalAttributesAdapter_RequestPara	GlobalAttributesAdapter_RequestParam	String	
FundTransfer_ModifiedAccountID	FundTransfer_ModifiedAccountID	String	
PayUtilityBill_WithdrawableBalance	PayUtilityBill_WithdrawableBalance	String	
DashboardTransferFundToBeneficiary	DashboardTransferFundToBeneficiary	String	
PromiseToPay_TotalPromiseDurationIn	PromiseToPay_TotalPromiseDurationInD	Integer	
PromiseToPay_PTPType	PromiseToPay_PTPType	String	
PromiseToPay_DaysPastDue	PromiseToPay_DaysPastDue	Integer	
PromiseToPay_NumberOfInstallments	PromiseToPay_NumberOfInstallments	Integer	

- I. Click Done.
- m. Click Save.

## 2.1.4 Giving Grant

The grants are configured as part of Day Zero Setup. Please verify whether the grants have been configured or not.

If the grants are not configured, you must provide grants to the application roles that are allowed to work on the PromiseToPayApplicationService. In addition, any new grants have to be configured manually through APM.

Two grants have to be provided. The first grant is for access (perform) and the second grant is for executing the OES rules (perform without approvals).

- Follow the steps from Section 2.1.2, "Editing Conditions on Attribute" and Section 2.1.3, "Adding Policies to Resources" to step e - Click Add Targets.
- 2. In the Untitled tab, specify the following values:

Field Name	Value
Effect	Permit
Display Name	AUTHENTICATEDROLE_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_ PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORM_PL
Name	AUTHENTICATEDROLE_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_ PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORM_PL
Description	AUTHENTICATEDROLE_OBP_APPX_COLLECTION_SERVICE_PROMISETOPAY_ PROMISETOPAYAPPLICATIONSERVICESPI_CREATE_PERFORM_PL

Table 2–7 Searching Policies - Giving Grant

- **3.** Click **Expand** in targets for the selected target.
- 4. Select Perform.
- 5. Click Save.