Subscription Workflow User Guide Oracle FLEXCUBE Investor Servicing Release 14.7.6.0.0 Part No. G13798-01 [October] [2024]





Table of Contents

1	Pro	eface		1
	1.1	Intr	oduction	1
	1.2	Aud	lience	1
2	Do	cume	ent Accessibility	2
	2.1	Acr	onyms and Abbreviations	2
	2.2	List	of Topics	2
	2.3	Syn	nbols	2
3	Or	acle F	FLEXCUBE Transaction Process Management	3
4	Tra	ansac	tion Workflow Setup	4
	4.1	Con	nductor DSL upload	4
5	Ro	uting	Hub Configuration	5
6	W	orkflo	w Operation Configuration	6
	6.1	Pro	cess Code Create	6
	6.2	Pro	cess Code View	6
	6.3	Bus	siness Process Create	6
	6.4	Bus	siness Process View	7
	6.5	Bus	siness Product Create	8
	6.6	Bus	siness Product View	9
7	Ov	ervie	w of Oracle FLEXCUBE Transaction Creation Process	10
8 Transaction Creation Process				11
	8.1	Trai	nsaction Initiation Stage	12
	8.2	Initi	ate Transaction	12
	8.2	2.1	Transaction Information	15
	8.2	2.2	Transaction Summary	16
	8.3	Trai	nsaction Entry Stage	20
	8.3	3.1	Basic Information	20
	8.3	3.2	Transaction Preference	21
	8.3	3.3	Transaction Intermediary Details	21
	8.3	3.4	Transaction Load Override Details	22
	8.3	3.5	Transaction Settlement Details	22
	8.3	3.6	Stage Summary	22
	8.3	3.7	Stage Submit	23



8.4 T	Transaction Approval Stage	20
8.4.1	Transaction Information	26
8.4.2	Approval Details	27
8.4.3	Approval Summary	27
8.4.4	Stage Submit	28
8.5 T	Transaction Handoff Retry	30
8.5.1	TXN Handoff Retry	31
8.5.2	Submit	31
8.6 A	Action Tabs	32
8.6.1	Application Info	3
8.6.2	Remarks	33



1 Preface

1.1 Introduction

Welcome to the Subscription Workflow user guide for Oracle FLEXCUBE Investor Services. This document provides an overview of the subscription process and takes you through the various steps involved in handling all the necessary activities in the life cycle of a subscription.

1.2 Audience

NA



2 Document Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

2.1 Acronyms and Abbreviations

The list of the acronyms and abbreviations that you are likely to find in the manual are as follows:

Abbreviation	Description
FCIS	Oracle FLEXCUBE Investor Services
DS	Data Segment
System	Oracle FLEXCUBE Workflow Module

Table: Acronyms table

2.2 List of Topics

This user manual is organized as follows:

Topics	Description	
Oracle FLEXCUBE Investor Services Transaction Process Management	This topic describes the subscription process, and the Reference Process flow is updated in this chapter.	

Table: List of Topics

2.3 Symbols

This user manual may refer to all or some of the following icons:

Table 1: Symbols



3 Oracle FLEXCUBE Transaction Process Management

This document provides an overview of the transaction (Subscription) process and takes you through the various steps involved in handling all the necessary activities in the life cycle of a transaction process.

The document is designed to help you create following types of transaction:

Subscription



4 Transaction Workflow Setup

4.1 Conductor DSL upload

Subscription workflow uses JSON-based **DSL** (short for, **domain-specific language**) to define the workflows and workflow steps (tasks). DSL will specify the stages, outcome of stages and what action has to be taken based on outcome e.g. PROCEED or REJECT.

Download the obis-process-flow.zip and extract TRANSACTION.json and HOSTORCHESTRATOR.json on your desktop. In postman send the following request.

Operation	POST
URL	http://ofss-mum- 3505.snbomprshared1.gbucdsint02bom.oraclevcn.com:8011/plato- orch-service/api/metadata/workflow
Header	isMEenabled:false
	entityid:DEFAULTENTITY
	appid:platoorch
	branchcode:000
Body	TRANSACTION.json and HOSTORCHESTRATOR.json

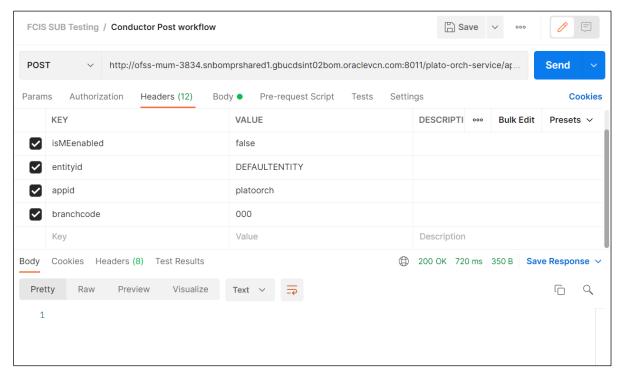


Figure: Conductor Post Workflow



5 Routing Hub Configuration

Download obis-obrh-config.zip from shipment and extract FCIS_Consumer_Service.json.

Go to Service Consumers and Import FCIS_Consumer_Service.json.

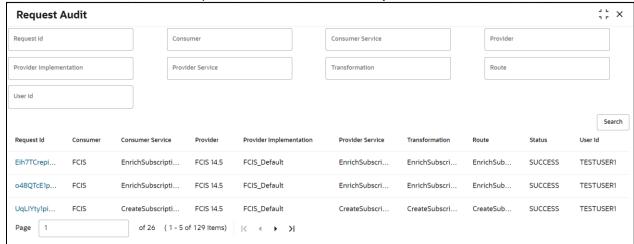


Figure: Request Audit



Figure: Service consumers

NOTE: After import, kindly update the host, port, and header details (Module Code, User Id) as per the FCIS rest setup.



6 Workflow Operation Configuration

6.1 Process Code Create

The process code created should be in sync with the DSL, and the functional activity code must be added to the user role.

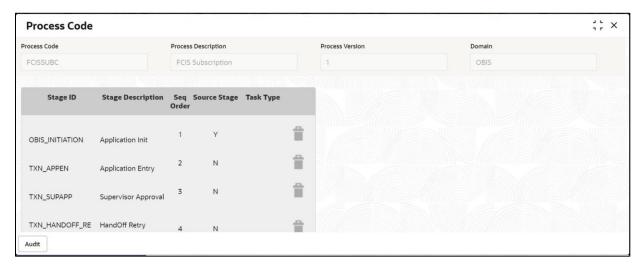


Figure: Process Code

6.2 Process Code View



Figure: View Process Code

6.3 Business Process Create

User has to create a business process and provide the process code, once process code is selected the stages will be listed in the filmstrip and user has to map the respective data segments.



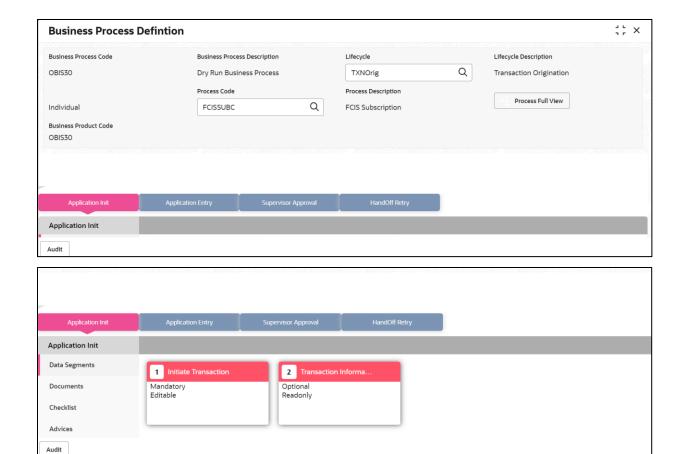


Figure: Business Process Definition

6.4 **Business Process View**



Figure: View Business Process



6.5 Business Product Create

Product has to be created for which the transaction will be done, the same will be mapped while defining the business process.

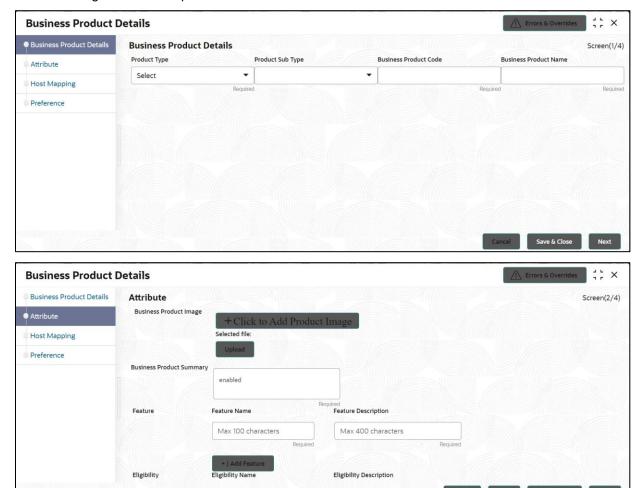


Figure: Business Product Details

Fund in which the transaction will take place will be mapped in this as part of host mapping.



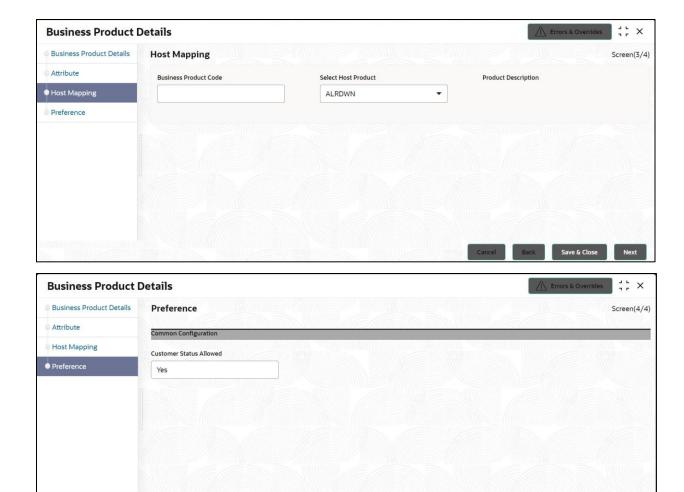


Figure: Business Product Details

6.6 **Business Product View**



Figure: Business Product View



7 Overview of Oracle FLEXCUBE Transaction Creation Process

Transaction creation process will enable the investment banks to leverage on the state of the art technology used for business modelling, help extend the boundaries of potential markets and ensure the convenience with primary focus on customer service.

We shall look at the reference workflows of the transaction process before understanding how the configuration and capture of data can be done. These stages can be made mandatory or non-mandatory based on the business process configurations. The process management flow is basically routed through various stages to capture relevant data before it is ready to be sent to the host for transaction creation.

The pre-defined process flow for transaction process is as follows:

- Initiation Stage
- Application Entry Stage
- Supervisor Approval Stage
- Transaction Creation

The convenience of configuring appropriate stages and the respective data segments within each of these stages, which can be business driven, is hosted and architectured by our new platform solution. The random-access navigation between data segments within a given stage with appropriate validations, helps enable the business user to capture apt information anytime during the subscription process before the transaction is created in the host.

The business process definition will determine the different stages which are required for a given combination of the Process Code, Life Cycle and Business Product Code. The workflow management of these stages and the relevant stage movements are defined in the Process Orchestrator to help us orchestrate the subscription based process flow and ensure seamless transition of the transaction creation process across various stages in that given order. The workflow process drives the application from one stage to another based on the process outcomes at the respective stages and subject to fulfilling of the mandatory data capture/submission at the respective stages.



8 Transaction Creation Process

Prerequisite:

Specify User Id and Password, and login to Home screen.

From **Home screen**, > Menu > Investor Service > Operations > Transaction

On click of transaction it will launch the Subscription panel page



Figure: subscription page

On click of "Select" button, it will launch Unit Holder search page, where you can search for Unit Holder based on Unit Holder ID's

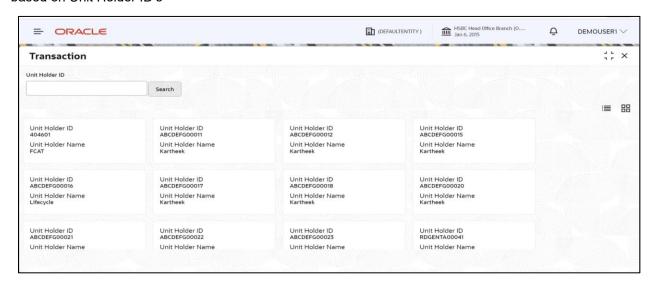


Figure: Unit Holder search view

Unit Holder ID

Specify the unit holder that has requested the transaction, in the Unit Holder Search section. Alternatively, you can click on search button to get unit holder ID list. The list displays all valid unit holder ID maintained in the system

After selection Unit Holder it will provide details of Unit Holder and available products and existing funds.



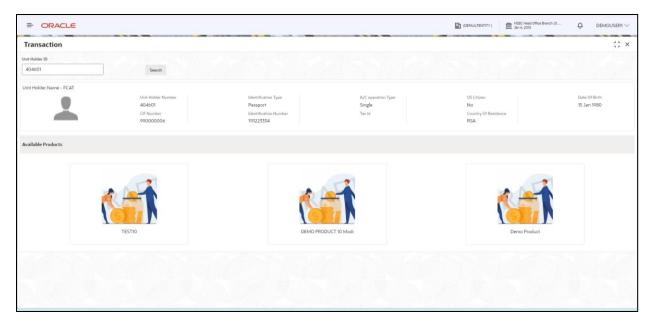


Figure: Unit Holder detail page

Once you click on available product it will launch the initiation screen

This chapter includes following sections:

- Transaction Initiation Stage
- Transaction Entry Stage
- Transaction Approval Stage
- Transaction Handoff Retry Stage

8.1 Transaction Initiation Stage

All the transaction are initiated in the Application Initiation stage. Once the transaction creation process is initiated as a single product origination, process orchestrator generates the transaction creation process reference number on click of Subscription. Process orchestrator also updates the record in the Free Task process for the 'Initiation' stage also referred as 'Task' from orchestrator perspective.

The Initiation stage is the first stage in the Transaction Creation process. After the initiate process is completed successfully, the application can be acquired by the user who has the access rights for the given stage and progress with the data capture.

Initiation Stage two screens are mapped, Initiate Transaction and Transaction Information. Stage Summary is show by default in workflow for all stages.

8.2 Initiate Transaction

In Initiation page, please input the required fields like User Reference Number, Transaction date, transaction subtype, Sub Payment Mode, transaction mode and respective field and click on next, it will take you to the Transaction Information Page



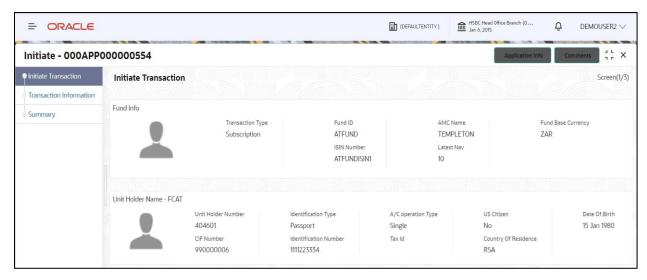


Figure: Initiation Page

Fund Info Panel:

System will display fallowing values:

- Transaction Type
- Fund ID
- ISIN Number
- AMC Name
- Latest Nav
- Fund Base Currency

Unit Holder Panel:

System will display fallowing values:

- Unit Holder Number
- CIF Number
- Identification Type
- Identification Number
- A/C operation type
- Tax Id
- US Citizen
- Country of Residence
- Date of Birth



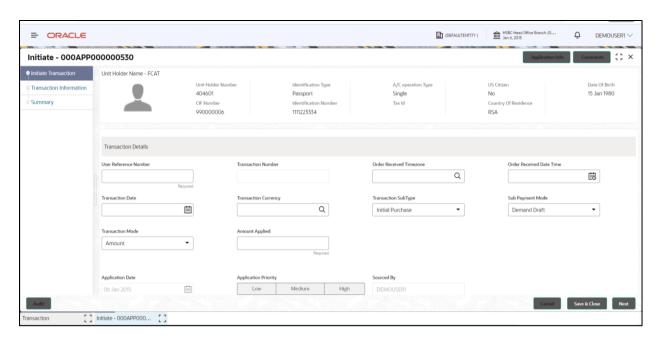


Figure: Initiation Page

User Reference Number:

Alphanumeric; 16 Characters; Mandatory

Specify the reference number for the transaction. If the reference number is designated to be system-generated for the agency branch, then the Reference Number field is locked and the number will be generated by the system when you save the transaction

Transaction Number: Read Only

Order Received Time Zone:

Optional

Specify the order received Time Zone. Alternatively, you can select it from the option list. The list displays all Time Zones maintained in the system.

Order Received Date Time:

Date Format; Optional

Specify the order received date.

Note: Order Received Date will not be defaulted for system generated transactions.

Transaction Date:

Date Format; Mandatory

Specify the transaction date alternatively you can default it by providing the Order Receive Time zone or Order Receive Date Time.

Transaction Currency:

Alphanumeric; 3 Characters; Optional



Specify the currency in which the amount value for the transaction will be reckoned. Alternatively, you can select transaction currency from the option list. The list displays all valid transaction currency maintained in the system

Transaction Sub Type:

Drop down: optional

Sub Payment Mode:

Drop down: optional

Transaction Mode:

Mandatory

Select the transaction mode from the drop-down list. Following are the options available in the drop-down list:

- Amount
- Units

Units Applied

Numeric; 27 Characters; Optional Specify the units applied details.

You can specify the details in this field only if you have selected 'Transaction Mode' field as Units

Amount Applied:

Numeric; 27 Characters; Optional

Specify the amount applied details. You can specify the details in this field only if you have selected 'Transaction Mode' field as Amount. Else, while clicking 'Next' button, the system will display an error message.

8.2.1 Transaction Information

In Transaction Information page will provides information for all segments like

- 1.1 Transaction Basic Details.
- 1.2 Intermediary Details.
- 1.3 Load Override Details.
- 1.4 Preference Details.
- 1.5 Settlement Details.

On click each panel will provide detail information on popup with view mode only.



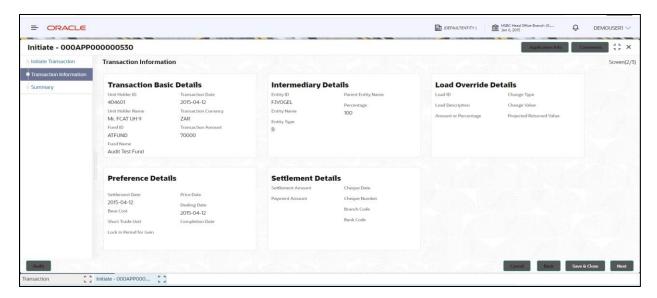


Figure: Transaction Information Page

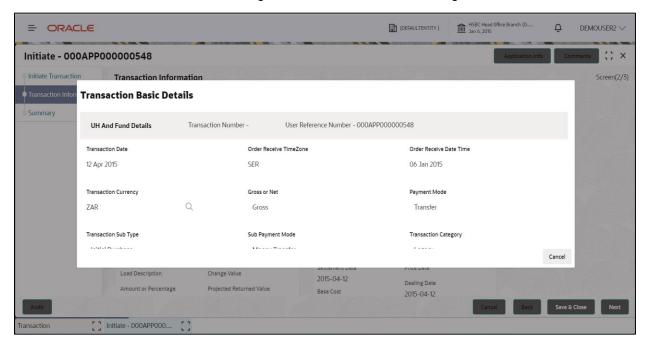


Figure: Transaction Information Page detailed popup

8.2.2 <u>Transaction Summary</u>

While clicking on the next from Transaction information screen it will launch summary page it will contains with summary of Initiate Transaction and Transaction Information with completed (Green) and incomplete (Red) indicators.

On click of each panel it will detail information on popup.



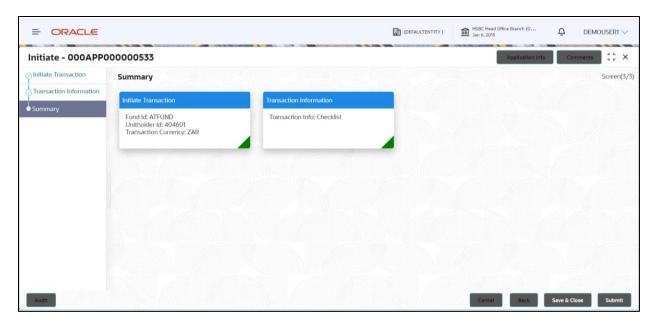


Figure: Transaction Summary Page

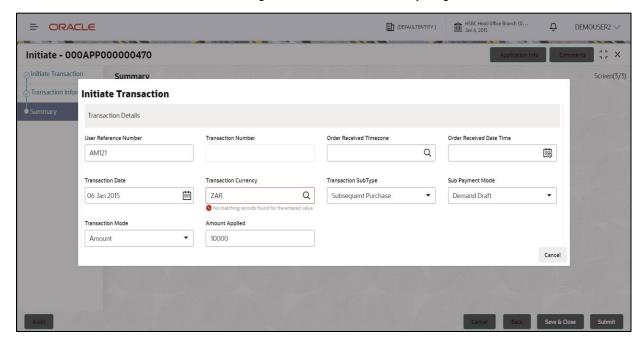


Figure: Transaction Summary Page Popup

While submitting the initiation segment it will take you to the submit flow

Transaction Override will be displayed with check list or if no override then no override message will be displayed. On click of proceed and next it will navigate to checklist view.



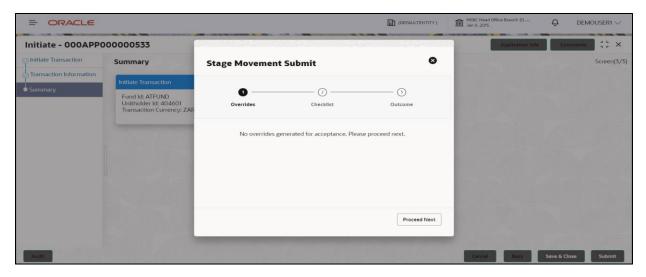


Figure: Transaction initiation submit override flows

In check list view will ask for validated the transaction details or not. On click of save & proceed it Will navigate to outcome view.

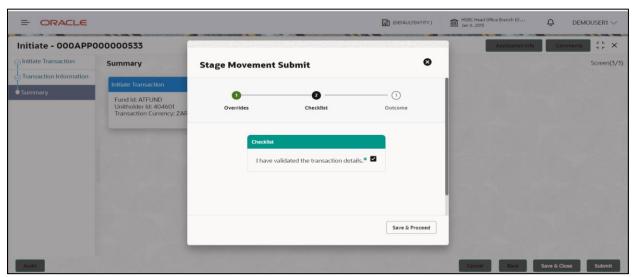


Figure: Transaction initiation submit checklist flows

In outcome view it will be having outcome drop down with proceed and proceed for approval and remark field.



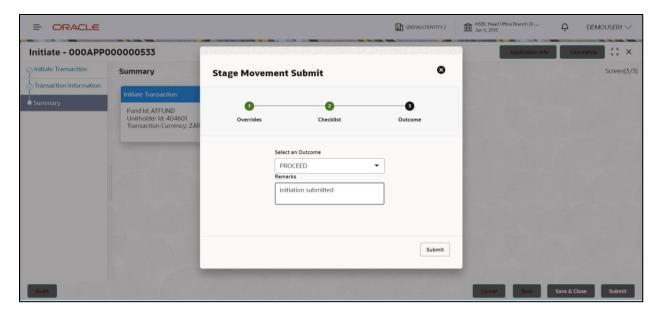


Figure: Transaction Initiation submit Flows

Once initiation submitted it will prompt a success message with application reference number and other details if you click on go to free task it will launch the free task page.

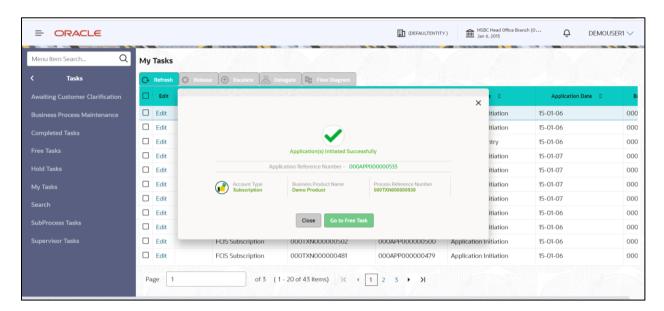


Figure: Initiation Success popup

In free task page, application will be in entry stage. Once acquire, it will move it to application entry segments.



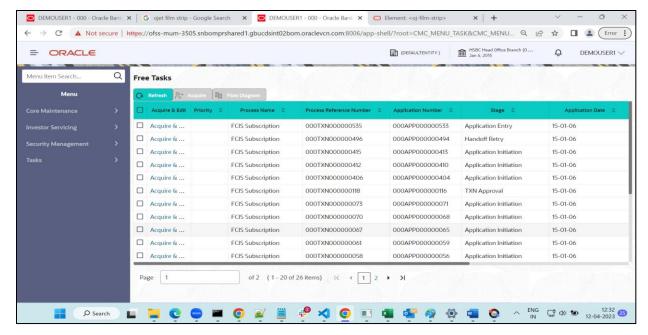


Figure: Free task page

8.3 Transaction Entry Stage

All the data segment is these stages are marked as read only.

Transaction entry stage following screens are mapped.

8.3.1 Basic Information

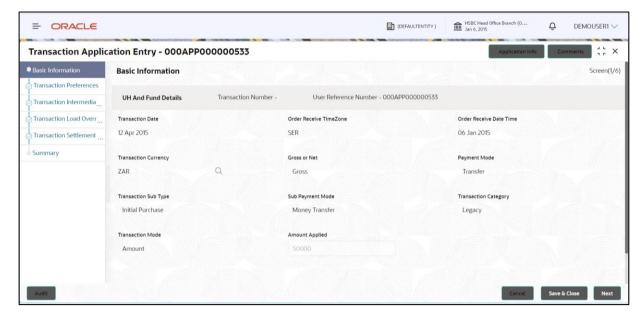


Figure: Basic Information page



8.3.2 <u>Transaction Preference</u>

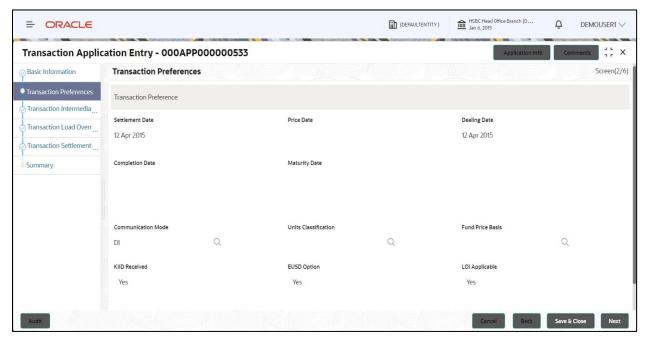


Figure: Transaction Preference page

8.3.3 <u>Transaction Intermediary Details</u>

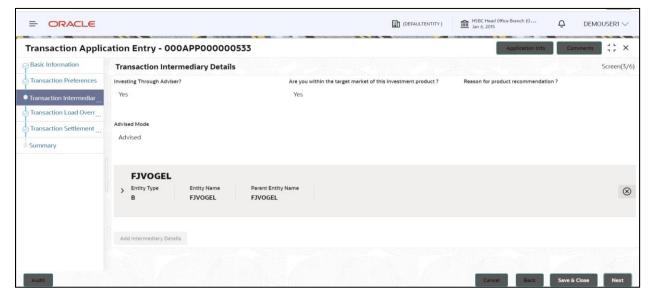


Figure: Transaction Intermediary page



8.3.4 Transaction Load Override Details

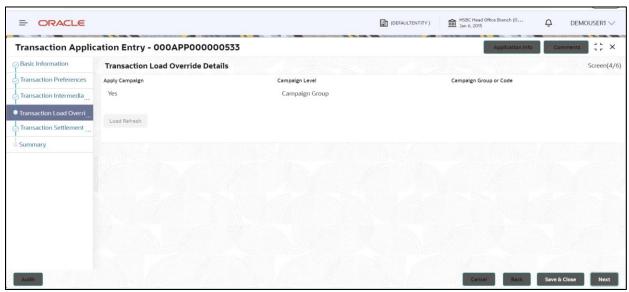


Figure: Transaction Load Override page

8.3.5 Transaction Settlement Details.

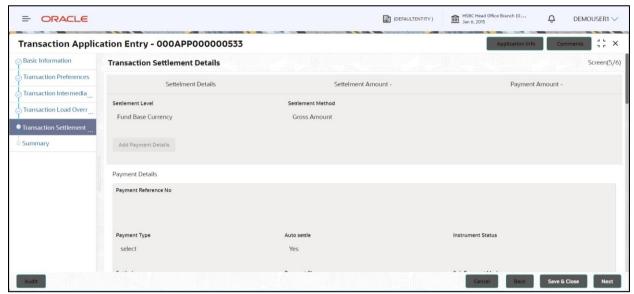


Figure: Transaction Settlement page

8.3.6 Stage Summary

On click of each panel it will give detailed information in view mode.



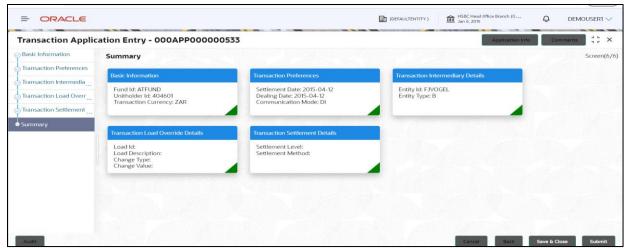


Figure: Transaction Entry Summary

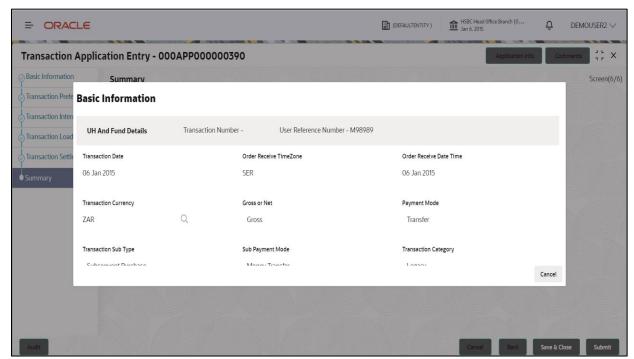


Figure: Transaction Entry Summary detailed popup with view mode

8.3.7 Stage Submit

While submitting the application entry it will prompt the submit process flow once submitted it will move approval stage.



8.3.7.1 <u>Overrides</u>

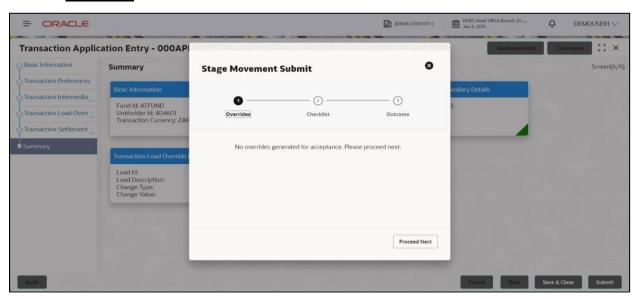


Figure: Transaction Entry Submit flow

8.3.7.2 Checklist

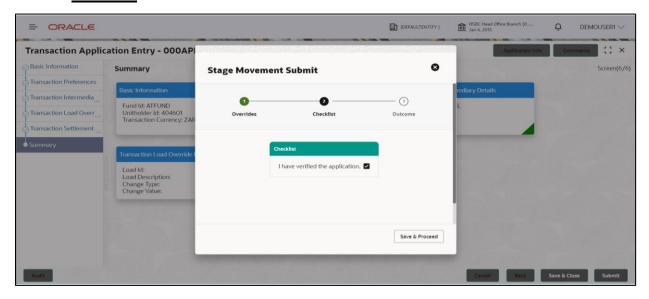


Figure: Transaction Entry Submit flow



8.3.7.3 <u>Outcome</u>

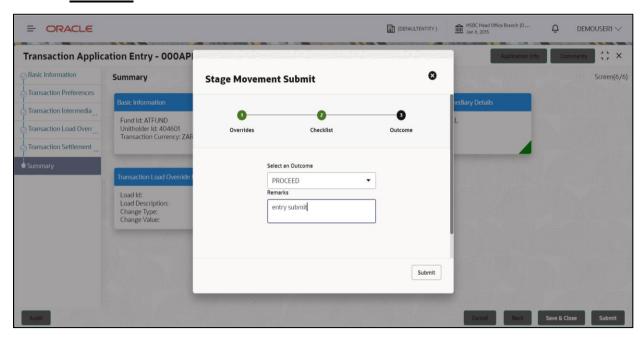


Figure: Stage movement Submit

8.3.7.4 Free Task

In free task page application will be approval stage once Acquire it will launch application approval segments.

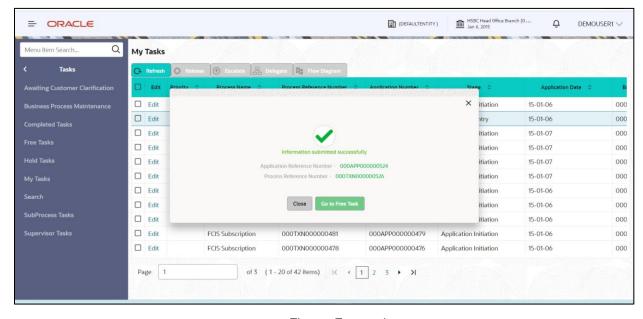


Figure: Free task page



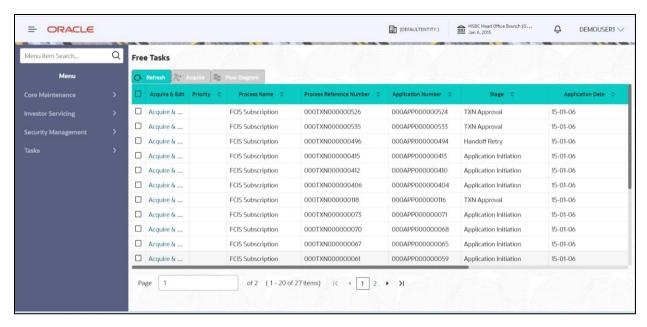


Figure: Free task page

8.4 Transaction Approval Stage

From free task if you acquire the approval transaction it will launch the approval screen where you can reject or approve the transaction.

Transaction entry stage following screens are mapped.

8.4.1 Transaction Information

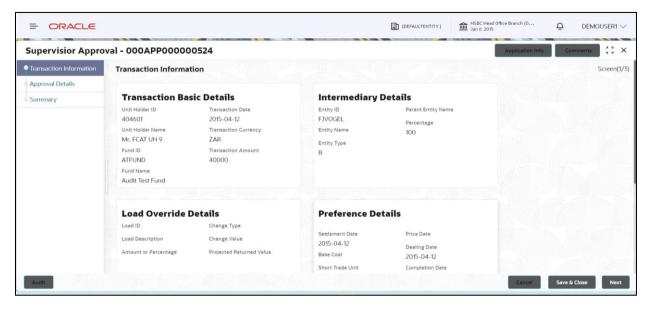


Figure: Transaction Information page



8.4.2 Approval Details

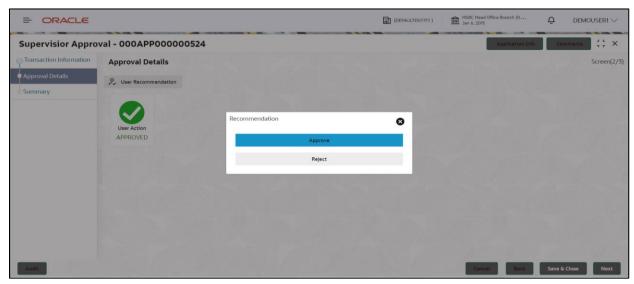


Figure: Approval page

8.4.3 Approval Summary



Figure: Transaction approval stage summary page



8.4.4 Stage Submit

8.4.4.1 <u>Overrides</u>

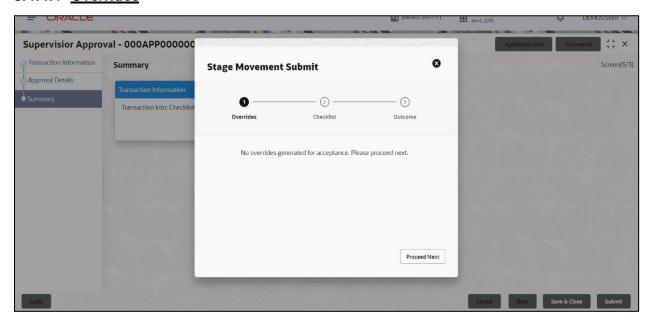


Figure: Transaction approval stage submit flow

8.4.4.2 Checklist

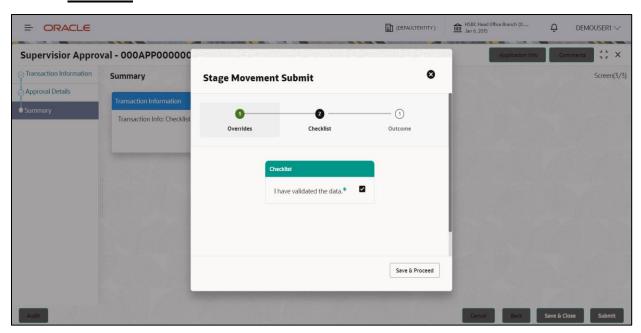


Figure: Transaction approval stage submit flow



8.4.4.3 Outcome

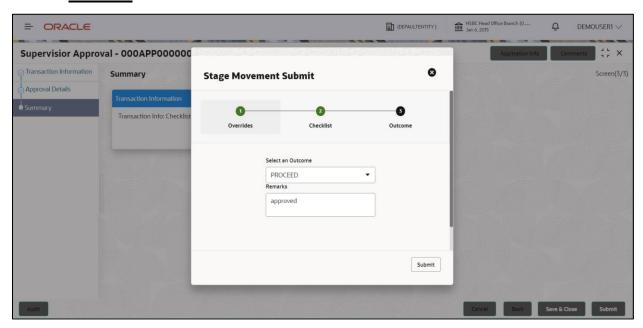


Figure: Transaction approval stage submit flow

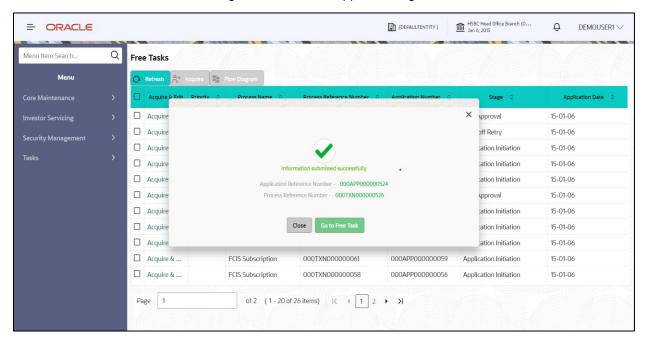


Figure: Free Tasks

Now application will be available in completed task



8.4.4.4 Tasks

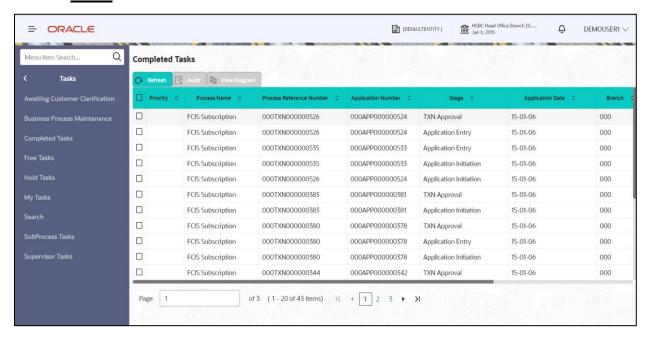


Figure: Completed task view.

8.5 Transaction Handoff Retry

In case of failure of transaction creation from the host system, the application will navigate to Handoff Retry Stage.

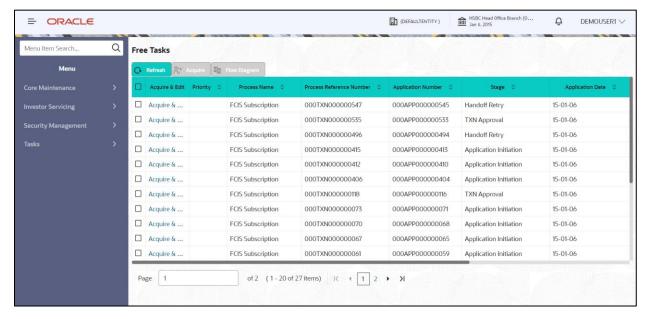


Figure: Handoff Retry grid view

Once user acquires the task it will launch the back-office error page.



8.5.1 TXN Handoff Retry

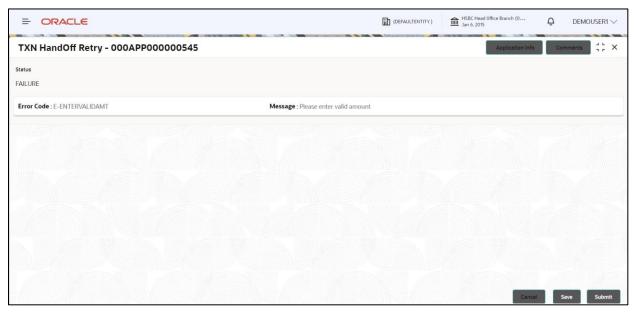


Figure: Back-office error page.

8.5.2 **Submit**

While submitting the back-office error it will prompt with submission flow.

8.5.2.1 Overrides

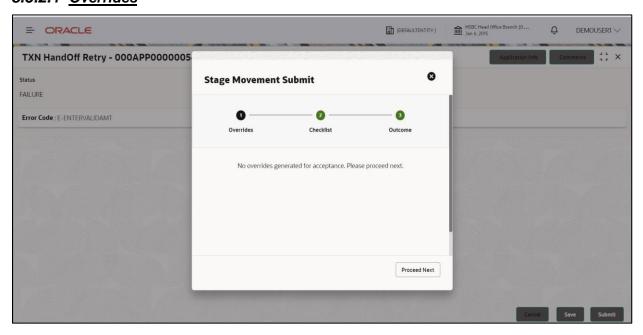


Figure: Submit flow



8.5.2.2 Checklist

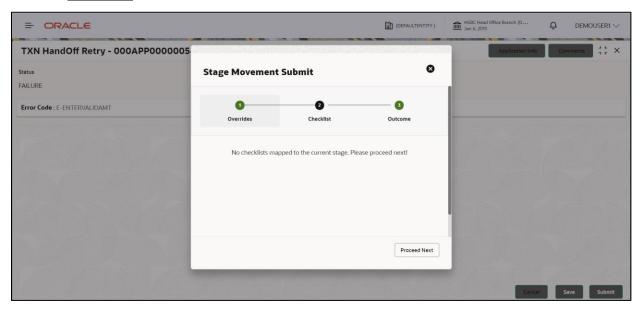


Figure: Submit flow

8.5.2.3 <u>Outcome</u>

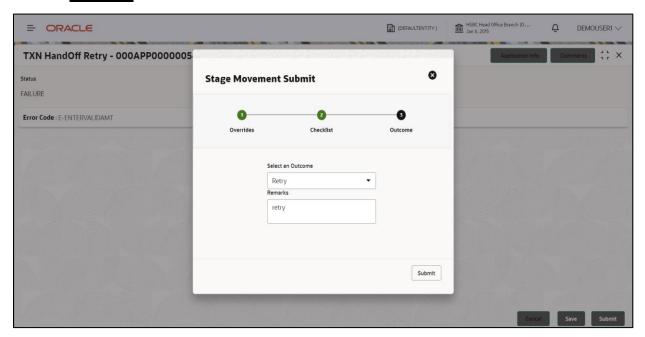


Figure: submit flow

8.6 Action Tabs

This section includes the following subsections:

- Application Info
- Remarks



The functions available in the various tabs can be accessed during any point in the Application Entry stage. Details about the tabs are as follows:

8.6.1 Application Info

- 1. Click **Application Info** to view the application information.
 - → The **Application Information** screen is displayed.

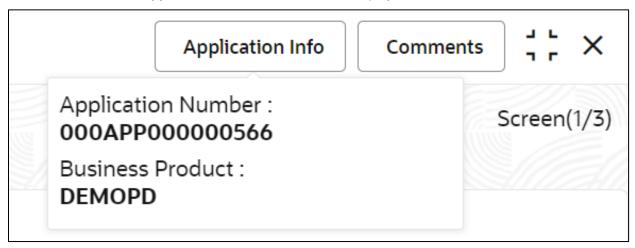


Figure: Application Information

8.6.2 Remarks

- 1. Click **Remarks** to update any remarks that you want to post for the application that you are working on.
 - ightarrow The **Remarks** screen is displayed.

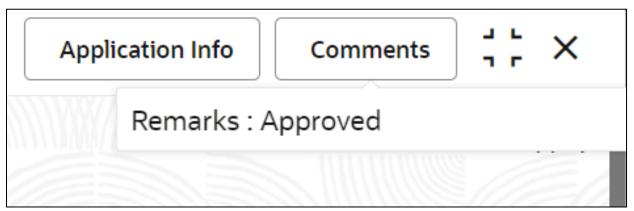


Figure: Remarks



33



Subscription Workflow User Guide [October] [2024] Version 14.7.6.0.0

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