

# Oracle® Banking Microservices Architecture

## Oracle Banking Microservices Platform Foundation User Guide



Release 14.7.4.0.0

F98125-01

June 2024

The Oracle logo, consisting of a solid red square with the word "ORACLE" in white, uppercase, sans-serif font centered within it.

ORACLE®

F98125-01

Copyright © 2018, 2024, Oracle and/or its affiliates.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software, software documentation, data (as defined in the Federal Acquisition Regulation), or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs) and Oracle computer documentation or other Oracle data delivered to or accessed by U.S. Government end users are "commercial computer software," "commercial computer software documentation," or "limited rights data" pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, the use, reproduction, duplication, release, display, disclosure, modification, preparation of derivative works, and/or adaptation of i) Oracle programs (including any operating system, integrated software, any programs embedded, installed, or activated on delivered hardware, and modifications of such programs), ii) Oracle computer documentation and/or iii) other Oracle data, is subject to the rights and limitations specified in the license contained in the applicable contract. The terms governing the U.S. Government's use of Oracle cloud services are defined by the applicable contract for such services. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle®, Java, MySQL, and NetSuite are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Inside are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Epyc, and the AMD logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

# Contents

<b>1</b>	<b>Document Generation Service</b>	
1.1	Overview	1-1
1.2	Authorization Process	1-3
<b>2</b>	<b>Report Template</b>	
2.1	Upload Report Template	2-1
2.2	View Report Template	2-2
<b>3</b>	<b>Report Linkage</b>	
3.1	Create Report Linkage	3-1
3.2	View Report Linkage	3-2
<b>4</b>	<b>File Management</b>	
4.1	File Upload	4-1
4.2	View File Upload Status	4-3
4.3	View Processor Headers	4-7
4.4	Update Processor Headers	4-8
<b>5</b>	<b>Password Policy</b>	
5.1	Create Password Policy	5-1
5.2	View Password Policy	5-3
<b>A</b>	<b>Error Codes and Messages</b>	
<b>B</b>	<b>Functional Activity Codes</b>	



# Preface

## Purpose

This guide is designed to help you quickly get acquainted with the many functions routinely executed every day.

## Audience

This guide is intended for the central administrator of the Bank who controls the system and application parameters and ensures smooth functionality and flexibility of the banking application.

## Documentation 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>.

### Access to Oracle Support

Oracle customers that have purchased support have access to electronic support through My Oracle Support. For information, visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=info> or visit <http://www.oracle.com/pls/topic/lookup?ctx=acc&id=trs> if you are hearing impaired.

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Related Resources

For more information on any related features, refer to the following documents

- Oracle Banking Common Core User Guide

## Conventions

The following text conventions are used in this document:

Convention	Meaning
<b>boldface</b>	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.


Convention	Meaning
<i>italic</i>	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.

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

## Basic Actions

**Table List of Basic Actions**

Action	Description
<b>Approve</b>	Used to approve the initiated report. This button is displayed, once the user click <b>Authorize</b> .
<b>Audit</b>	Used to view the maker details, checker details, and report status.
<b>Authorize</b>	Used to authorize the report created. A maker of the screen is not allowed to authorize the report. Only a checker can authorize a report, created by a maker.
<b>Close</b>	Used to close a record. This action is available only when a record is created.
<b>Confirm</b>	Used to confirm the performed action.
<b>Cancel</b>	Used to cancel the performed action.
<b>Compare</b>	Used to view the comparison through the field values of old record and the current record. This button is displayed in the widget, once the user click <b>Authorize</b> .
<b>Collapse All</b>	Used to hide the details in the sections. This button is displayed, once the user click <b>Compare</b> .
<b>Expand All</b>	Used to expand and view all the details in the sections. This button is displayed, once the user click <b>Compare</b> .
<b>New</b>	Used to add a new record. When the user click <b>New</b> , the system displays a new record enabling to specify the required data.  <div data-bbox="787 1554 1461 1732" style="border-left: 2px solid #0070C0; padding-left: 10px; background-color: #E6F2FF;"> <p> <b>Note:</b> The fields which are marked with asterisk are mandatory.</p> </div>
<b>OK</b>	Used to confirm the details in the screen.
<b>Save</b>	Used to save the details entered or selected in the screen.
<b>View</b>	Used to view the report details in a particular modification stage. This button is displayed in the widget, once the user click <b>Authorize</b> .

**Table (Cont.) List of Basic Actions**

Action	Description
<b>View Difference only</b>	Used to view a comparison through the field element values of old record and the current record, which has undergone changes. This button is displayed, once the user click <b>Compare</b> .
<b>Unlock</b>	Used to update the details of an existing record. System displays an existing record in editable mode.

## Symbols and Icons

The following symbols and icons are used in the screens.

**Table Symbols and Icons - Common**



















Symbol/Icon	Function
	Minimize
	Maximize
	Close
	Perform Search
	Open a list
	Add a new record

Table (Cont.) Symbols and Icons - Common





Symbol/Icon	Function
	Navigate to the first record
	Navigate to the last record
	Navigate to the previous record
	Navigate to the next record
	Grid view
	List view
	Refresh
	Click this icon to add a new row.
	Click this icon to delete an existing row.







**Table (Cont.) Symbols and Icons - Common**

Symbol/Icon	Function
	Click to view the created record.
	Click to modify the fields.
	Click to unlock, delete, authorize or view the created record.

**Table Symbols and Icons - Audit Details**

Symbol/Icon	Function
	A user
	Date and time
	Unauthorized or Closed status
	Authorized or Open status

**Table Symbols and Icons - Widget**

Symbol/Icon	Function
	Open status
	Unauthorized status
	Closed status
	Authorized status

# 1

## Document Generation Service

This topic describes about the overview and authorization in Document Generation Service.

This topic contains the following subtopics:

### 1.1 Overview

This topic describes the overview of Document generation service.

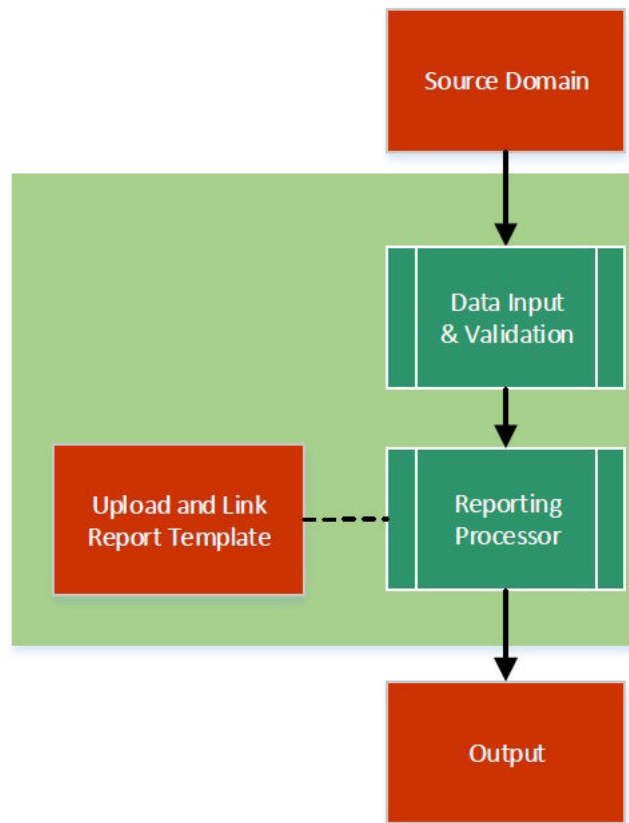
In Oracle Banking Microservices Architecture, a reporting subdomain is introduced to generate account statement and advices that can be printed or emailed.

These statements and guidance can be used in the following generic areas:

- Periodic communication to customers (For example, Account Statements)
- Adhoc communication (For example, Advices)
- Internal Bank statements

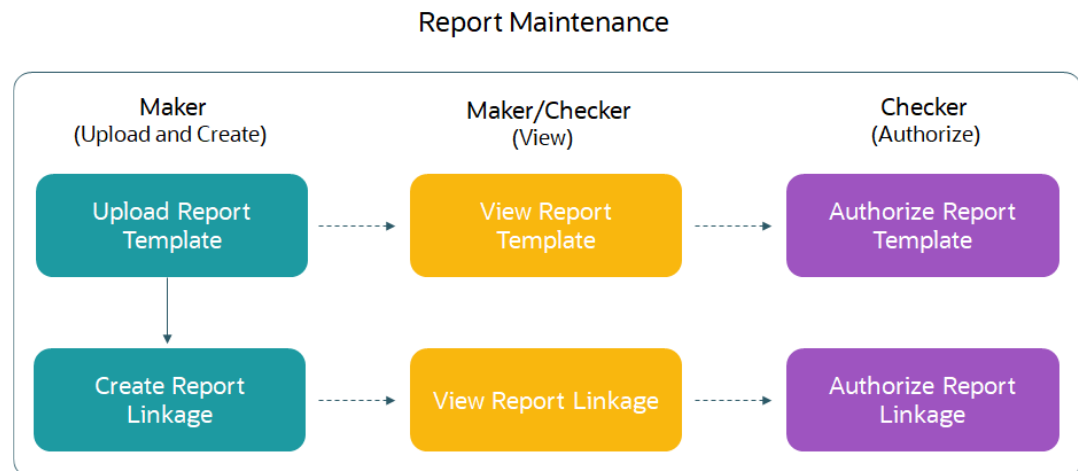
The flowchart below gives a high-level knowledge about the process of collecting and generating the statement:

Figure 1-1 Document Generation Service



A detailed explanation of the flowchart is as follows:

1. Financial institutions, wanting to generate a report in a specified format, can create their own report template.
2. The Report Services module accepts the template as input by upload. For each template, the output format and template ID is configured.
3. Once the report request is received from the Source domain, the system identifies the report to be generated based on the report name.
4. As per the template configuration, system fetches additional data from the source domain.
5. The Report Maintenance module generates the output file as per defined format in report template linked to the report ID.
6. The Reports can be generated on adhoc or scheduled basis.
7. The output destination of the report is a file store location as per configuration.
8. The user must understand the role of a maker and checker in the reporting flow using the system.

**Figure 1-2 Report Maintenance**

Following actions can be performed on the Completed Tasks menu:

**Maker:**

- Uploads a report template.
- View the report template.
- Link the uploaded report.
- View the report linkage.

**Checker:**

- View and authorize the report template uploaded.
- View and authorize the linkage created by the maker.

## 1.2 Authorization Process

This topic provides systematic instructions to authorize and approve a report.

1. Navigate to the required screen.
2. Click **Authorize**.

The reports pending for authorization displays.

3. Select the required report and click **Approve**.






The report details displays in a widget.

If the report is modified twice, the system displays two widgets with respective modification number along with the modified details.

4. Specify remarks for the approving the report in the **Remarks** field.
5. Click **Confirm** to authorize the reports.

The reports are authorized successfully.

**Table 1-1 Authorization Process - Field Descriptions**

Field	Description
<Mod Number>	View the modification version number.   <b>Note:</b> This field is displayed in the widget.
Done By	View the user who has done the modification.   <b>Note:</b> This field is displayed in the widget.
Done On	View the date on which the modification was done.   <b>Note:</b> This field is displayed in the widget.
Record Status	View the current record status of the report.p The possible options are: <ul style="list-style-type: none"> <li>• Open</li> <li>• Close</li> </ul>  <b>Note:</b> This field is displayed in the widget.
Once Auth	View whether the record is authorized at least once.This field is displayed in the widget.   <b>Note:</b> This field is displayed in the widget.
Compare	Click this button to view the following fields: <ul style="list-style-type: none"> <li>• Field Name</li> <li>• Old Value</li> <li>• New Value</li> </ul>
Field Name	View the elements that are being compared.
Old Value	View the old values of the record.
New Value	View the new values of the record.

**Table 1-1 (Cont.) Authorization Process - Field Descriptions**

<b>Field</b>	<b>Description</b>
<b>View</b>	Click this button to view the following fields: <ul style="list-style-type: none"><li>• Report Name</li><li>• Report Description</li><li>• Template</li><li>• Output Format</li></ul>
<b>Report Name</b>	View the report name.
<b>Report Description</b>	View the report description.
<b>Template</b>	View the template.
<b>Output Format</b>	View the output format.

# 2

## Report Template

This topic describes about the report template feature.

The user perform the following actions:

- Upload report template
- View uploaded report template format
- Update the report template format if required.
- User is allowed only to modify a Report Template once created. Option to delete is unavailable.

This topic contains the following subtopics:

### 2.1 Upload Report Template

This topic provides the systematic instructions to upload a template and configure an output format for the report as per user requirement.

Specify **User ID** and **Password**, and login **Home** screen.

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Report Maintenance**.
2. Under **Report Maintenance**, click **Report Template**. Under **Report Template**, click **Upload Report Template**.

The **Upload Report Template** screen displays.

**Figure 2-1 Upload Report Template**

The screenshot shows the 'Upload Report Template' interface. It features a title bar with the text 'Upload Report Template' and window control icons. The main content area is divided into several sections. At the top, there are two required text input fields: 'Template Name' and 'Template Description'. Below these is a 'Template Type' dropdown menu currently set to 'XSL'. The 'Upload Template' section includes an '+ Add Template' button and a 'Template Filename' field, which currently displays 'No data to display.'. The 'Upload Images' section includes an '+ Add Images' button and a table with columns for 'Image Filename', 'Image Relative Path', and 'Image Action', also displaying 'No data to display.'. At the bottom right of the form are 'Cancel' and 'Save' buttons.

3. Specify the fields on **Upload Report Template** screen.




 **Note:**

The fields marked as **Required** are mandatory.

For more information on fields, refer to the field description table.

**Table 2-1 Upload Report Template - Field Description**

Field	Description
<b>Template Name</b>	Specify the unique name for the template.
<b>Template Description</b>	Specify the short description of the template.
<b>Template Type</b>	Select the type of template format to be uploaded from the drop-down list.
<b>Add Template</b>	Click this button to add template. The user can upload a template from the local machine or from specific location. To change the uploaded template, click <b>Replace Template</b> .
<b>Template Filename</b>	Displays the template file name.   <b>Note:</b> The user can view the name only after uploading the template.
<b>Add Images</b>	Click this button to add the image. The user can upload multiple images if required.
<b>Image Filename</b>	View the file name of the uploaded image.
<b>Image Relative Path</b>	View the file path of the server, where the image is stored.
<b>Image Action</b>	Click this button to delete the uploaded image.

4. Click **Save**.

The report is successfully uploaded and can be viewed using the [View Report Template](#) screen.

5. For actions that can be performed further, refer to [Basic Actions](#) section.

## 2.2 View Report Template

This topic provides the systematic instructions to view the uploaded report template.

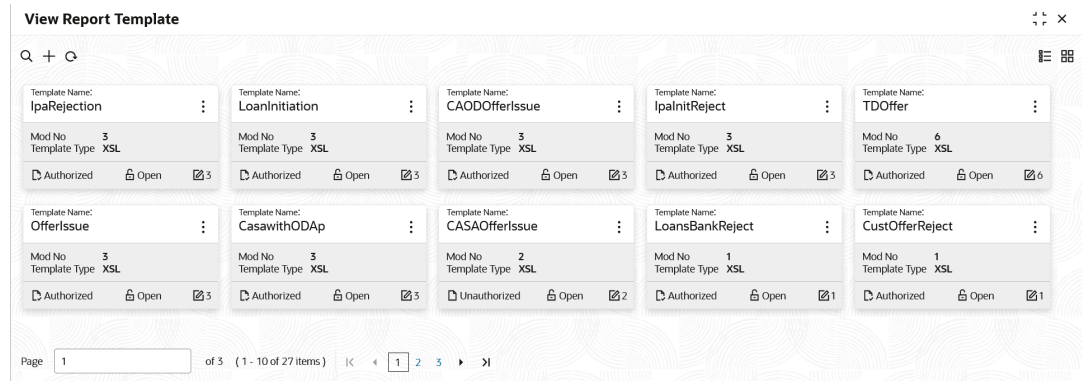
The status of the uploaded report is displayed as **Unauthorized** and **Open**. Once the checker authorizes the report, the status is updated to **Authorized** and **Open**.

Specify **User ID** and **Password**, and login **Home** screen.

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Report Maintenance**.
2. Under **Report Maintenance**, click **Report Template**. Under **Report Template**, click **View Report Template**.

The **View Report Template** screen displays.

**Figure 2-2 View Report Template**



For more information on fields, refer to the field description table.

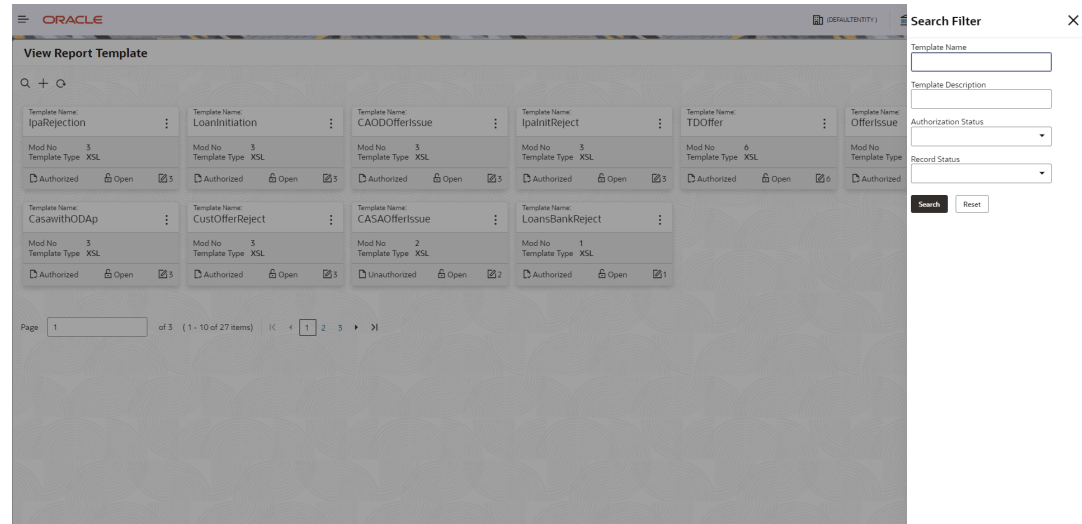
**Table 2-2 View Report Template - Field Description**

Field	Description
<b>Template Name</b>	Displays the name of the template.
<b>Mod No</b>	Displays the modification version number.
<b>Template Type</b>	Displays the output type of the template.
<b>Authorization Status</b>	Displays the authorization status of the report template. The available options are: <ul style="list-style-type: none"> <li>• <b>Authorized</b></li> <li>• <b>Rejected</b></li> <li>• <b>Unauthorized</b></li> </ul>
<b>Record Status</b>	Displays the record status of the report template. The available options are: <ul style="list-style-type: none"> <li>• <b>Open</b></li> <li>• <b>Closed</b></li> </ul>
<b>Modification Number</b>	Displays the number of modification performed on the record.

3. Click **Search** button.

The **View Report Template - Search** screen displays.

**Figure 2-3 View Report Template - Search**



- Specify the fields on **View Report Template - Search** screen.  
For more information on fields, refer to the field description table.

**Table 2-3 View Report Template - Search - Field Description**


Field	Description
<b>Template Name</b>	Specify the uploaded template name.
<b>Template Description</b>	Specify the description for the uploaded report.
<b>Authorization Status</b>	Select the authorization status of the report from the drop-down list. The options are: <ul style="list-style-type: none"> <li>• <b>Authorized</b></li> <li>• <b>Rejected</b></li> <li>• <b>Unauthorized</b></li> </ul>
<b>Record Status</b>	Select the record status of the report from the drop-down list. The options are: <ul style="list-style-type: none"> <li>• <b>Open</b></li> <li>• <b>Closed</b></li> </ul> Close option is available only for Authorized report record.

- Click the widget to view the uploaded report details.  
The **Report Template Maintenance** screen displays.  
For more information on fields, refer to the field description table.

**Table 2-4 Report Template Maintenance - Field Description**

Field	Description
<b>Template Name</b>	Displays the uploaded template name.
<b>Template Description</b>	Displays the description for the uploaded report.
<b>Template Type</b>	Displays the output format type for the template report.
<b>Upload Template</b>	Displays the template filename.

Table 2-4 (Cont.) Report Template Maintenance - Field Description

Field	Description
<b>Template Filename</b>	Displays the template file name.   <b>Note:</b> The user can view the name only after uploading the template.
<b>Upload Images</b>	Displays the following fields. <ul style="list-style-type: none"><li>• Image Filename</li><li>• Image Relative Path</li><li>• Image Action</li></ul>
<b>Add Images</b>	Click this button to add the image. The user can upload multiple images if required.
<b>Image Filename</b>	View the file name of the uploaded image.
<b>Image Relative Path</b>	View the file path of the image that is stored in the server.
<b>Image Action</b>	This field displays a <b>Delete</b> button, which is not enabled.

6. For actions that can be performed further, refer to [Basic Actions](#) section.

# 3

## Report Linkage

This topic describes about the report linkage feature.

The user can perform the following actions:

- Link uploaded report templates to specific reports
- Select the output format for the report.
- View or update the report template linkage

This topic contains the following subtopics:

### 3.1 Create Report Linkage

This topic provides the systematic instructions to link the uploaded report templates to the specific reports.

The Report Templates are uploaded using the [Upload Report Template](#) screen. Once a report template is uploaded successfully, the user can link it to multiple reports.

Specify **User ID** and **Password**, and login **Home** screen.

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Report Maintenance**.
2. Under **Report Maintenance**, click **Report Linkage**. Under **Report Linkage**, click **Create Report Linkage**.

The **Create Report Linkage** screen displays.

**Figure 3-1 Create Report Linkage**

The screenshot shows the 'Create Report Linkage' web form. It features a header with the title and window controls. The form contains four required fields: 'Report Name', 'Report Description', 'Template', and 'Output Format'. The 'Template' field includes a search icon. The 'Output Format' field is a dropdown menu. The main content area is a large table with a decorative background pattern. At the bottom right, there are 'Cancel' and 'Save' buttons.


3. Specify the fields on **Create Report Linkage** screen.

 **Note:**

The fields which are marked with asterisk are mandatory.

For more information on fields, refer to the field description table.

**Table 3-1 Create Report Linkage - Field Description**

Field	Description
<b>Report Name</b>	Specify the unique report name for linkage.
<b>Report Description</b>	Specify a short description for the report.
<b>Template</b>	Select the template from the uploaded and authorized template list. The user can use search to locate the required template.
<b>Template Name</b>	Specify the template name to fetch it from the list. <div data-bbox="764 779 894 819" data-label="Section-Header"> <b>Note:</b></div> <div data-bbox="808 835 1440 898" data-label="Text"> <p>This field is displayed only if you click the pick list from the Template list.</p> </div>
<b>Output Format</b>	Select the required output format for the report from the drop-down list. The available options are: <ul style="list-style-type: none"> <li>• <b>RTF</b></li> <li>• <b>PNG</b></li> <li>• <b>PDF</b></li> </ul>

4. Click **Fetch** and select the template displayed in the **Template Name** field.
5. Click **Save**.

The report is successfully linked and can be viewed using the [View Report Linkage](#) screen.

## 3.2 View Report Linkage

This topic provides the systematic instructions to view the created report linkage.

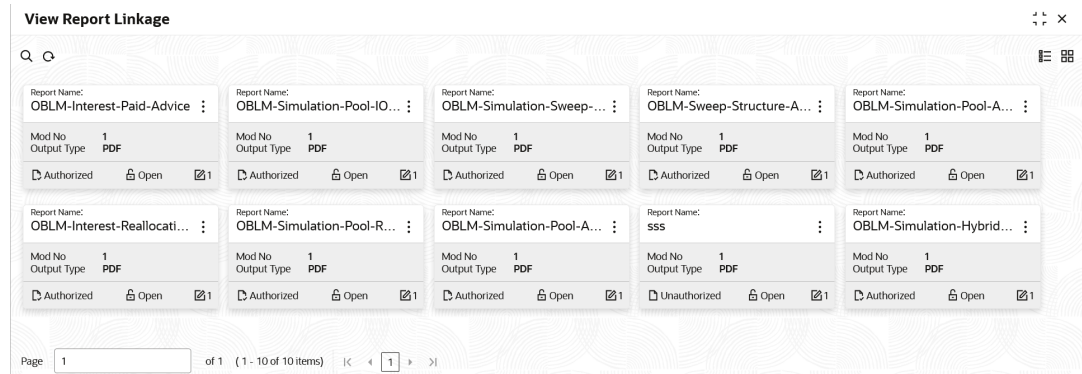
The status of the report linkage is displayed as **Unauthorized** and **Open**. Once the checker authorizes the report, the status is updated to **Authorized** and **Open**.

Specify **User ID** and **Password**, and login **Home** screen.

1. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Report Maintenance**.
2. Under **Report Maintenance**, click **Report Linkage**. Under **Report Linkage**, click **View Report Linkage**.

The **View Report Linkage** screen displays.

**Figure 3-2 View Report Linkage**



For more information on fields, refer to the field description table.

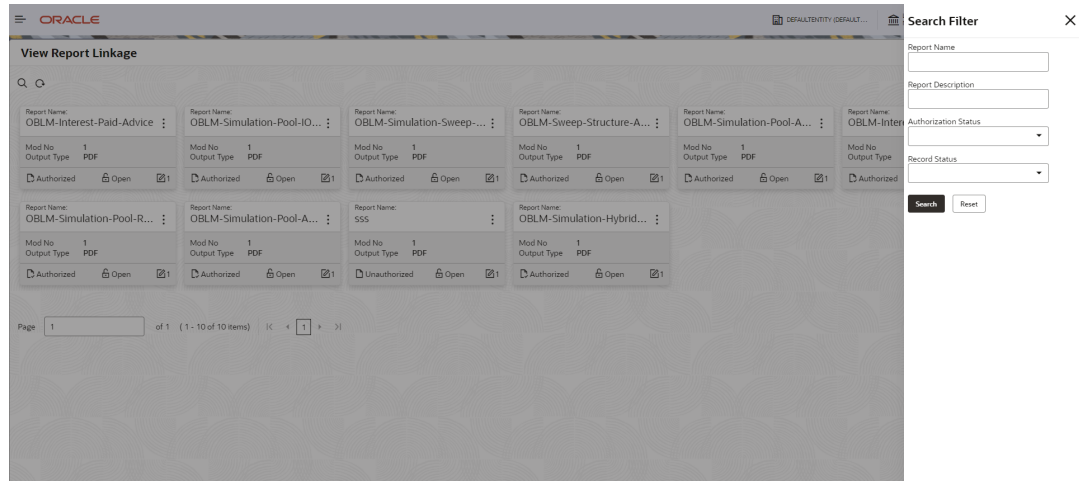
**Table 3-2 View Report Linkage - Field Description**

Field	Description
<b>Report Name</b>	Displays name of the report.
<b>Mod No</b>	Displays the modification version number.
<b>Output Type</b>	Displays the output type selected for the report.
<b>Authorization Status</b>	Displays the authorization status of the report. The options are: <ul style="list-style-type: none"> <li>• <b>Authorized</b></li> <li>• <b>Rejected</b></li> <li>• <b>Unauthorized</b></li> </ul>
<b>Record Status</b>	Displays the record status of the report. The options are: <ul style="list-style-type: none"> <li>• <b>Open</b></li> <li>• <b>Closed</b></li> </ul>
<b>Modification Number</b>	Displays the number of modification performed on the record.

3. Click **Search** icon.

The **View Report Linkage - Search** displays.

**Figure 3-3 View Report Linkage - Search**



- Specify the fields on **View Report Linkage - Search** screen.  
For more information on fields, refer to the field description table.

**Table 3-3 View Report Linkage - Search - Field Description**

Field	Description
<b>Template Name</b>	Specify the uploaded template name.
<b>Template Description</b>	Specify the description for the uploaded report.
<b>Authorization Status</b>	Select the authorization status of the report from the drop-down list. The options are: <ul style="list-style-type: none"> <li><b>Authorized</b></li> <li><b>Rejected</b></li> <li><b>Unauthorized</b></li> </ul>
<b>Record Status</b>	Select the record status of the report from the drop-down list. The options are: <ul style="list-style-type: none"> <li><b>Open</b></li> <li><b>Closed</b></li> </ul>

- Click **Search** button.
- Click the widget to view the uploaded report details.



The **Report Linkage Maintenance** screen displays.  
For more information on fields, refer to the field description table below.

**Table 3-4 Report Linkage Maintenance - Field Description**

Field	Description
<b>Report Name</b>	View the report name created for linkage. <div style="border: 1px solid #0070C0; padding: 10px; margin-top: 10px;"> <p> <b>Note:</b> This field is displayed in the widget.</p> </div>



Table 3-4 (Cont.) Report Linkage Maintenance - Field Description

Field	Description
<b>Mod No</b>	View the modification version number.   <b>Note:</b> This field is displayed in the widget.
<b>Output Type</b>	View the output type selected for the report.   <b>Note:</b> This field is displayed in the widget.
<b>Report Name</b>	View the report name created for linkage.
<b>Report Description</b>	View the short description for the report.
<b>Template</b>	View the template selected for the report.
<b>Output Format</b>	View the selected output format for the report.

7. For actions that can be performed further, refer to [Basic Actions](#) section.

# 4

## File Management

This topic describes about the File Management.

File Management enables the bank user to upload the files according to the operational and business rules and allows the users to view the status of the files and records that are uploaded. The user can view and download the error status files.

File Management provides an option to approve the entire file (File Level approval) or each record uploaded as a part of the file (Record level approval).

The user can perform the following actions:

- Upload a File
- View Uploaded Files and status of file and its records
- Approve a File (File Level & Record Level approval)
- Reject a File
- Download a File
- View the Remarks (if any)

This topic contains the following subtopics:

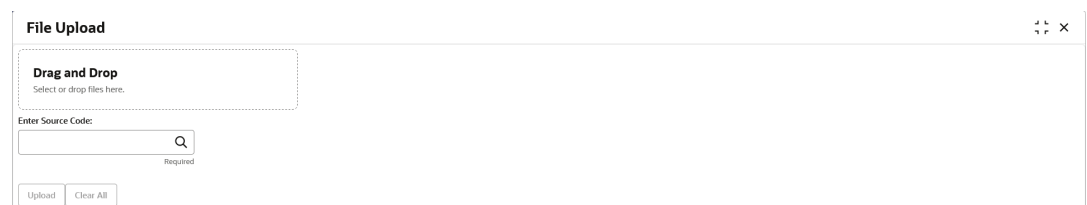
### 4.1 File Upload

This topic provides the systematic instructions to upload single file or multiple files as per user requirement.

Specify **User ID** and **Password**, and login **Home** screen.

1. On **Home** screen, click **File Management**. Under **File Management**, click **File Upload**.  
The **File Upload** screen displays.

**Figure 4-1 File Upload**



2. Drag and Drop the file or Select the file from the local drive.
3. Click **Search** icon and select the **Source Code** for the selected file.

The **List of Source Codes** popup screen displays.

**Figure 4-2 List of Source Codes**

**List of Source Codes** [X]

Source Code

Fetch

Source Code
OBLM
CMNCORE
OBDX

Page 1 of 1 (1-3 of 3 items) | < 1 >

4. Click **Upload** to upload the selected file.  
The **Files Upload Status** popup screen displays.

**Figure 4-3 Files Upload Status**

**Files Upload Status** [X]

CmcCurrencyExchangeRate\_CMNCORE\_09OctDJTEST1.csv: File Uploaded Initiated.

5. Click **Clear All** to clear the selected file.

 **Note:**

Files that have the same name with the existing file can't be uploaded. In case, the uploaded files are rejected, then a file with the same name can be uploaded and indicated in the version number of the rejected file as explained below.

## 4.2 View File Upload Status

This topic provides the systematic instructions to view the status of the uploaded files and approve the same in both File level and Record Level.

Specify **User ID** and **Password**, and login **Home** screen.

1. On **Home** screen, click **File Management**. Under **File Management**, click **View File Upload Status**.

The **View File Upload Status** screen displays.

**Figure 4-4 View File Upload Status**

File Name	Maker ID	Checker ID	Total Records	Approved	Successful	Failed	Maker Time Stamp	Checker Time Stamp	Status	Action
LMAccountVBalance_572_22Mar123.csv	AUTOBLM1	AUTOBLM2	51	51	42	9	2023-05-05 T13:16:40.000+00:00	2023-05-05 T13:16:07.000+00:00	Processed	T ⋮
LMAccountVBalance_FUBALOBDX10.csv	OBDX01	OBDX03	3	3	3	0	2023-04-07 T02:08:18.000+00:00	2023-04-07 T02:09:09.000+00:00	Processed	T ⋮
LMAccountVBalance_VB1N1.csv	OBDX03		0	0	0	0	2023-02-16 T04:55:05.000+00:00		Failed	T ⋮
LMAccountVBalance_VB1N2.csv	OBDX03		0	0	0	0	2023-02-16 T04:54:15.000+00:00		Failed	T ⋮
LMAccountVBalance_VB1N1.csv	OBDX03		1	0	0	0	2023-02-16 T04:52:05.000+00:00		Failed	T ⋮
LMAccountVBalance_test45.csv	VPATUSER1		1	0	0	0	2023-02-07 T08:23:43.000+00:00		Failed	T ⋮
CmcBranchMaint_test15.csv	KANNAN2	KANNAN1	2	2	2	0	2023-02-06 T05:42:03.000+00:00	2023-02-06 T03:42:27.000+00:00	Processed	T ⋮
LMAccountVBalance_test44.csv	KANNAN2	KANNAN1	3	0	0	0	2023-02-06 T03:37:23.000+00:00	2023-02-06 T03:38:05.000+00:00	Approved	T ⋮

2. Specify the following parameters in the respective fields.

- **File Name**
- **Maker ID**
- **Checker ID**
- **Status**
- **Upload Date: Start Date**
- **Upload Date: End Date**

3. Click **Filter** to filter the uploaded files in the list.

4. Click **Clear Filter** to clear the filter criteria.

**Table 4-1 View File Upload Status - Field Description**

Field	Description
<b>File Name</b>	Specify the unique file name.
<b>Maker ID</b>	Specify the Unique ID of the maker.
<b>Checker ID</b>	Specify the Unique ID of the checker.

**Table 4-1 (Cont.) View File Upload Status - Field Description**

Field	Description
<b>Status</b>	Select the status of the uploaded file. The available options are: <ul style="list-style-type: none"> <li>• Approved</li> <li>• Failed</li> <li>• Processed</li> <li>• Unprocessed</li> <li>• Initiated</li> </ul>
<b>Upload Date: Start Date</b>	Select the upload start date (YYYY-MM-DD) from when the data needs to be filtered.
<b>Upload Date: End Date</b>	Select the upload end date (YYYY-MM-DD) till when the data needs to be filtered.
<b>File Name</b>	Displays the name of the file.
<b>Maker Id</b>	Displays the Unique ID of the maker.
<b>Checker Id</b>	Displays the Unique ID of the checker.
<b>Total Records</b>	Displays the total count of records in the file.
<b>Approved</b>	Displays the count of approved records in the file.
<b>Successful</b>	Displays the count of successful records in the file.
<b>Failed</b>	Displays the count of failed records in the file.
<b>Maker Time Stamp</b>	Displays the time stamp when the maker has uploaded the file.
<b>Checker Time Stamp</b>	Displays the time stamp when the checker has approved the file.
<b>Status</b>	Displays the status of the uploaded file.
<b>Action</b>	Displays the following actions on the file. <ul style="list-style-type: none"> <li>• <b>Download</b></li> <li>• <b>View Details</b> – This option appears only if the status is in <b>Unprocessed</b>, and the Record level approval flag is <b>Yes</b>.</li> <li>• <b>Approve</b> – This option appears only if the status is in <b>Unprocessed</b>.</li> <li>• <b>Reject</b> – This option appears only if the status is in <b>Unprocessed</b>.</li> <li>• <b>View Status</b> – This option appears only if the status is in <b>Processed</b>.</li> <li>• <b>View Remarks</b> – This option appears only if the status is in <b>Processed</b>.</li> </ul>

5. Click **Refresh** to refresh the file upload list.
6. Click **Rejected Files** to view the rejected files.

The **Rejected File Data** screen displays.

**Figure 4-5 Rejected File Data**

File Name	Version	Maker Id	Checker Id	Status	Remarks	Maker Time Stamp	Checker Time Stamp
CmcCustomerMaint_MTCUSTOMER0.csv	1	AUTTEST1	PABAG1	Rejected		2022-06-22 T08:59:55.000+00:00	2022-06-22 T09:01:18.000+00:00
LMBankParams_FU/BANK2.csv	1	OBLMUSER2	OBLMUSER1	Rejected		2022-05-15 T08:53:26.000+00:00	2022-07-28 T02:10:40.000+00:00

**Table 4-2 Rejected File Data - Field Description**

Field	Description
<b>File Name</b>	Specify the unique file name.
<b>Maker ID</b>	Specify the Unique ID of the maker.
<b>Checker ID</b>	Specify the Unique ID of the checker.
<b>Upload Date: Start Date</b>	Select the upload start date (YYYY-MM-DD) from when the data needs to be filtered.
<b>Upload Date: End Date</b>	Select the upload end date (YYYY-MM-DD) till when the data needs to be filtered.
<b>File Name</b>	Displays the name of the rejected file.
<b>Version</b>	Displays the version number of the rejected file.
<b>Maker Id</b>	Displays the Unique ID of the maker.
<b>Checker Id</b>	Displays the Unique ID of the checker.
<b>Status</b>	Displays the status of the uploaded file.
<b>Remarks</b>	Click the remarks icon and view the remarks for the rejected file.
<b>Maker Time Stamp</b>	Displays the time stamp when the maker has uploaded the file.
<b>Checker Time Stamp</b>	Displays the time stamp when the checker has rejected the file.



- Click  to download the rejected file.

**To approve the record in File Level:**

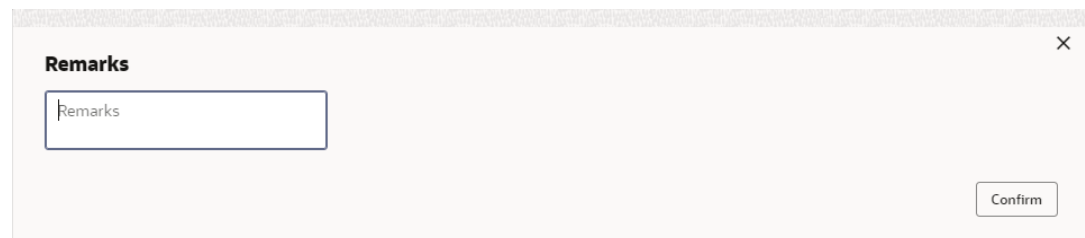
If the Record level approval required property (RECORD\_LEVEL\_APPROVAL column in PLATO\_TM\_FEED table) is maintained as N, the user can only approve the complete file.



- Click  icon and select **Approve** to approve the records in File Level.

The **Remarks - Approve** screen displays.

**Figure 4-6 Remarks - Approve**



- Specify the remarks in the text box and click **Confirm** to approve the file.

**To reject the record in File Level:**

If the Record level approval required property (RECORD\_LEVEL\_APPROVAL column in PLATO\_TM\_FEED table) is maintained as N, the user can only reject the complete file.



- Click  icon and select **Reject** to reject the records in File Level.


The **Remarks - Reject** screen displays.

**Figure 4-7 Remarks - Reject**

- Specify the remarks in the text box and Click **Confirm** to reject all the records in the file.

**To approve/reject the records in Record Level:**

If the Record level approval required property (RECORD\_LEVEL\_APPROVAL column in PLATO\_TM\_FEED table) is maintained as Y, the user can approve or reject the records in Record level.

- Click  icon and select **View Details** to approve/reject the records in Record Level. The **File Data** screen displays.


**Figure 4-8 File Data**

- Click **Approve All** to approve all the records in the file.
- Click **Reject All** to reject all the records in the file.
- Select **Approve** or **Reject** button for all the records in the file.
- Click **Submit** to approve/reject the records in the file.

 **Note:**

**Submit** button gets enabled once all the records are selected.


**To view the file data for Processed files:**

- Click  icon and select **View Status** to view the status of the records in the file. The **File Data - Status** screen displays.

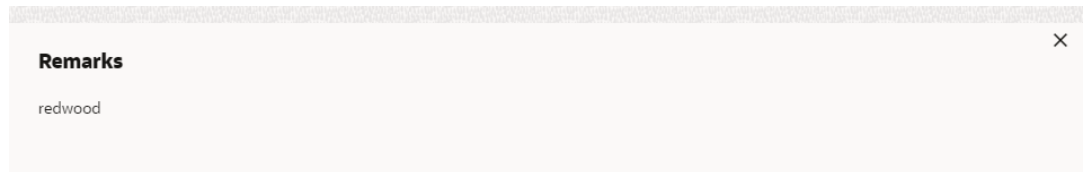
**Figure 4-9 File Data - Status**

discriminator	action	sourceBranchCode	sourceSystem	weekId02	weekId01	autoAuth	walkInCustomer	branchCy	branchAdd03	branchAdd02	branchAdd01	branchNo
new	CYP	FCUBS	1	3	N		USD	ADD3	ADD2	ADD1	CHENNAI	US
new	SAU	FCUBS	1	7	N		USD	ADD3	ADD2	ADD1	BANGALORE	US

To view the remarks:

- Click  icon and select **View Remarks** to view the remarks. The **Remarks** screen displays.

**Figure 4-10 Remarks**



## 4.3 View Processor Headers

This topic provides the systematic instructions to view the processor headers of the uploaded files.

Specify **User ID** and **Password**, and login **Home** screen.

- On **Home** screen, click **File Management**. Under **File Management**, click **View Processor Headers**.

The **View Processor Headers** screen displays.

**Figure 4-11 View Processor Headers**

Source Code	Feed Name
OBLM	LMAccountMaint
OBLM	LMBranchParams
CMNCORE	CmcCustomerMaint
OBLM	LMCustomerMaint
OBLM	LMCountryParams
OBLM	LMCurrencyCutoff
CMNCORE	CmcBranchLocalHoliday
OBLM	LMCurrencyParams
OBDX	ICSpecialCondition
CMNCORE	CmcCountryMaint
CMNCORE	CmcBCDirectory
OBLM	LMInterFaceInstruction
CMNCORE	CmcCurrencyExchangeRate
CMNCORE	CmcCurrencyHoliday



For more information on fields, refer to the field description table.

**Table 4-3 View Processor Headers - Field Description**

Field	Description
<b>Source Code</b>	Specify the source code for the uploaded file.
<b>Feed Name</b>	Specify the feed name for the uploaded file.
<b>Processor Headers</b>	Displays the processor headers section.
<b>Source Code</b>	Displays the source code for the uploaded file.
<b>Feed Name</b>	Displays the feed name for the uploaded file.

- To update the processor header, refer to [Update Processor Headers](#) section.

## 4.4 Update Processor Headers

This topic provides the systematic instructions to update the processor headers of the uploaded file.

Specify **User ID** and **Password**, and login **Home** screen.

- On **Home** screen, click **File Management**. Under **File Management**, click **View Processor Headers**.
- Right-click on selected source code and feed name in **View Processor Headers** screen.
- Click **Update Headers**.

The **Update Processor Headers** screen displays.

**Figure 4-12 Update Processor Headers**

The screenshot shows the 'Update Processor Headers' interface. At the top, there are two input fields: 'Source Code' with the value 'OBLM' and 'Feed Name' with the value 'LMAccountMaint'. Below these is a section titled 'Processor Headers' which contains a table with two columns: 'Header Key' and 'Header Value'. The table has three rows of data:

Header Key	Header Value
applId	LMM
userId	LMADMIN2
branchCode	LMB

At the bottom of the screen, there is a 'Save' button and a pagination control showing 'Page 1 of 1 (1-3 of 3 items)'.

- Specify the fields on **Update Processor Headers** screen.

**Note:**

The fields marked as **Required** are mandatory.

For more information on fields, refer to the field description table.

**Table 4-4 Update Processor Headers - Field Description**

Field	Description
<b>Source Code</b>	Displays the source code for the uploaded file.
<b>Feed Name</b>	Displays the feed name for the uploaded file.
<b>Processor Headers</b>	Displays the processor headers section.
<b>Header Key</b>	Specify the header key for the uploaded file.
<b>Header Value</b>	Specify the header value for the uploaded file.

5. Modify the **Header Value** fields for the Source Code and Feed Name combination and click **Save**.

# 5

## Password Policy

This topic describes about the password policy feature.

This topic contains the following subtopics:

### 5.1 Create Password Policy

The password policy provides the facility to maintain the configurations for generation of a password string which can be used to encrypt email attachments.

Specify **User ID** and **Password** to login to **Oracle WebLogic Administration Console**.

1. On **Homescreen**, click **Core Maintenance**, under **Core Maintenance**, click **Password Policy**.
2. Under **Password Policy**, click **Create Password Policy**.

The **Create Password Policy** screen displays.

**Figure 5-1 Create Password Policy**

Domain Attribute Json Path	Field name	Field type	First Character	Last Character	Default Value
		STRING			
		DATE			


3. Specify the details on **Create Password Policy** screen.

#### Note:




The fields marked as **Required** are mandatory.

For more information on fields, refer to the field description table.

**Table 5-1 Create Password Policy - Field Description**

Field	Description
<b>Module Code</b>	Specify the code or app id of the service which is using the password policy screen.
<b>Policy Code</b>	Specify the unique identifier corresponding to each policy in a service.
<b>Policy Description</b>	Specify the description of the policy used for the service.
<b>Policy Text</b>	<p>Specify the explanation of the password of an attachment so that the user can open the attachment.</p> <div style="border: 1px solid #0070C0; padding: 10px; background-color: #E6F2FF;"> <p> <b>Note:</b></p> <p>The attached document is password protected. User can view this attachment by entering the first four digits of the Customer Name and last four characters of PAN. If Customer Name is NULL, then the password will be **** followed by last four characters of PAN</p> </div>
<b>Convert to Upper Case</b>	The user must enable the toggle to determine whether the passwords should be changed to uppercase.
<b>Domain Attribute Json Path</b>	Specify the json path of the value in the product service that will be retrieved for the field.
<b>Field Name</b>	Specify the field name for password generation.
<b>Field Type</b>	<p>Select the field type from the list. The available type are:</p> <ul style="list-style-type: none"> <li>• <b>STRING</b></li> <li>• <b>DATE</b></li> </ul> <p>The value of this corresponding field is expected in the format YYYY-MM-DD and the password component of this field is determined accordingly.</p>

**Table 5-1 (Cont.) Create Password Policy - Field Description**

Field	Description
<b>First Character</b>	<p>If <b>Field Type</b> is <b>STRING</b>, then this will be a number containing the number of characters to be added from the start of the field value to the password.</p> <div style="border-left: 2px solid #0070C0; padding-left: 10px; margin-top: 10px;"> <p> <b>Note:</b></p> <p>If field value is 'ABCDEFGH' and FIRST_CHAR = '3', then the string 'ABC' will be added to the password.</p> </div> <p>If <b>Field Type</b> is <b>DATE</b>, then this will be a string containing the components of the date to be added to the password.</p> <div style="border-left: 2px solid #0070C0; padding-left: 10px; margin-top: 10px;"> <p> <b>Note:</b></p> <p>If field value is '2022-10-28' and FIRST_CHAR = 'YMMM', then the string '22Oct' will be added to the password</p> </div>
<b>Last Character</b>	<p>If <b>Field Type</b> is <b>STRING</b>, then this will be a number containing the number of characters to be added from the start of the field value to the password.</p> <div style="border-left: 2px solid #0070C0; padding-left: 10px; margin-top: 10px;"> <p> <b>Note:</b></p> <p>If field value is 'ABCDEFGH' and LAST_CHAR = '4', then the string 'EFGH' will be added to the password.</p> </div> <p>If <b>Field Type</b> is <b>DATE</b>, then this value is not applicable.</p>
<b>Default Value</b>	<p>If any of the preceding configurations are not maintained, the value of this field will be set to the default.</p>

4. Click **Save** to save the record.

The policy is successfully linked and can be viewed using the [View Password Policy](#) screen.

## 5.2 View Password Policy

This topic provides information about the created password policy.

Specify **User ID** and **Password** to login to **Oracle WebLogic Administration Console**.

1. On **Homescreen**, click **Core Maintenance**, under **Core Maintenance**, click **Password Policy**.
2. Under **Password Policy**, click **View Password Policy**.

The **View Password Policy** screen displays.

**Figure 5-2 View Password Policy**



For more information on fields, refer to the field description table.

**Table 5-2 View Password Policy**

Field	Description
<b>Filter</b>	Specify the code in this field to view the policy code.
<b>Policy Code</b>	Displays the policy code.
<b>Policy Description</b>	Displays the description of the policy.

# A

## Error Codes and Messages

This topic contains the error codes and messages.

**Table A-1 Error Codes and Messages**

Error Code	Messages
REP-GEN-001	Report id: \$1 is not valid
REP-GEN-002	Unable to write file to the destination
REP-GEN-003	No data available for the report log id: \$1
REP-GEN-004	Unable to fetch the report
REP-GEN-005	Error while reading template from FileSystem
REP-GEN-006	Error while generating FO file
REP-GEN-007	\$1 destination not supported
REP-GEN-008	Error while generating report in File System
REP-GEN-009	\$1 output type not supported
REP-GEN-010	Invalid extension for the requested file
REP-GEN-011	Resource URL not found
REP-GEN-012	Error while processing the payload file
REP-GEN-013	Template is not maintained against template id: \$1
REP-GEN-014	Transformer type \$1 not supported
REP-FEN-017	Since the output file type is PPDF, the user password needs to be sent in the request.
REP-ENRH-001	Error while adding main data to payload
REP-ENRH-002	Error while adding auxiliary data to payload
REP-ENRH-003	Error while preparing payload data for label - \$1
REP-ENRH-004	No data received while calling the retriever for label \$1
REP-ENRH-005	Cannot instantiate ReportDataExtractor instance
REP-ENRH-006	Illegal json: Json must contain one root node to properly make it interchangeable with XML
REP-ENRH-007	Error while processing the input JSON cannot add root node to payload more than once
REP-ENRH-008	Cannot add root node to payload more than once.
REP-ENRH-009	Error while processing the XML response for label \$1
REP-ENRH-010	Error while processing the JSON response for label \$1
REP-ENRH-011	Unsupported data received for label \$1
REP-ENRH-012	Error while processing the JSON payload
REP-ENRH-013	Error while initializing XMLPayloadProcessor
REP-ENRH-014	Error while parsing payload
REP-ENRH-018	Unsupported data received for label \$1
REP-ENRH-019	Error while processing the XML payload
REP-MNT-001	Error while storing template to file system

# B

## Functional Activity Codes

This topic describes about the functional activity for Plato Services..

**Table B-1 List of Functional Activity Codes**

Screen Name	Functional Activity Codes	Action	Description
File Upload	PLATO_FA_FEED_VIEW	VIEW	View the Status of Uploaded File
File Upload	PLATO_FA_FEED_NEW	UPLOAD	File Upload Screen Menu
File Upload	PLATO_FA_FEED_HEADER_CREATE	CREATE	Update Processor Headers
File Upload	PLATO_FA_FEED_HEADER_VIEW	VIEW	View Processor Headers
File Upload	PLATO_FA_FEED_UPLOAD	UPLOAD	Upload a File
File Upload	PLATO_FA_FEED_AUTHORIZE	AUTHORIZE	Authorize the file uploaded
Plato-transport-services	PLATO_FA_TRANSPORT_GET_ALL_ENVS	GET ALL ENVS	Get all environment
Plato-transport-services	PLATO_FA_TRANSPORT_GET_ALL_ENVS_UI	GET ALL ENVS UI	Get all environment UI
Plato-transport-services	PLATO_FA_TRANSPORT_GET_ENV_BY_ID	GET ENV BY ID	Get environment by id.
Plato-transport-services	PLATO_FA_TRANSPORT_SAVE_NEW_ENV	SAVE	Save the environment
Plato-transport-services	PLATO_FA_TRANSPORT_MODIFY_ENV	MODIFY	Modify the environment
Plato-transport-services	PLATO_FA_TRANSPORT_DELETE_ENV	DELETE	Delete the environment



Table B-1 (Cont.) List of Functional Activity Codes

Screen Name	Functional Activity Codes	Action	Description
Plato-transport-services	PLATO_FA_TRANSPORT_SLAVE_INFO	SLAVE INFO	SLAVE information of environment
Plato-transport-services	PLATO_FA_TRANSPORT_GET_EXPORT	EXPORT	Export the environment
Plato-transport-services	PLATO_FA_TRANSPORT_GET_EXPORT_UI	EXPORT UI	Export the environment
Plato-transport-services	PLATO_FA_TRANSPORT_RUN_EXPORT	RUN EXPORT	Export the environment
Plato-transport-services	PLATO_FA_TRANSPORT_VIEW_SLAVES	VIEW SLAVES	View slaves environment
Plato-transport-services	PLATO_FA_TRANSPORT_VIEW_SLAVES_UI	VIEW SLAVES UI	View slaves environment
Plato-transport-services	PLATO_FA_TRANSPORT_GET_IMPORT	IMPORT	Import environment
Plato-transport-services	PLATO_FA_TRANSPORT_RUN_IMPORT	RUN IMPORT	Import environment

# Index

## C

---

Create Password Policy, [5-1](#)  
Create Report Linkage, [3-1](#)

## D

---

Document Generation Service, [1-1](#)

## F

---

File Management, [4-1](#)  
File Upload, [4-1](#)  
Functional Activity Codes, [B-1](#)

## O

---

Overview, [1-1](#)

## P

---

Password Policy, [5-1](#)

## R

---

Report Linkage, [3-1](#)  
Report Template, [2-1](#)

## U

---

Update Processor Headers, [4-8](#)  
Upload Report Template, [2-1](#)

## V

---

View File Upload Status, [4-3](#)  
View Password Policy, [5-3](#)  
View Processor Headers, [4-7](#)  
View Report Linkage, [3-2](#)  
View Report Template, [2-2](#)