

# Oracle® Banking Microservices Architecture

## Oracle Banking Configuration Transport Utility User Guide



Innovation Release 14.8.2.0.0

G54025-02

April 2026

ORACLE®

G54025-02

Copyright © 2024, 2026, 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

## Preface

---

Purpose	i
Before You Begin	i
Module Pre-requisite	i
Module Definitions	ii
Audience	ii
Documentation Accessibility	ii
Diversity and Inclusion	iii
Related Resources	iii
Conventions	iii
Screenshot Disclaimer	iii
Acronyms and Abbreviations	iii
Basic Actions	iv
Symbols and Icons	iv
Module Post-requisite	v

## 1

## Configuration Transport

---

1.1	Target Environment Maintenance	1
1.2	Export Screens	3
1.3	Import Screens	6
1.4	Upload ACK Screen	8

## Index

---

# Preface

- [Purpose](#)
- [Before You Begin](#)
- [Module Pre-requisite](#)
- [Module Definitions](#)
- [Audience](#)
- [Documentation Accessibility](#)
- [Diversity and Inclusion](#)
- [Related Resources](#)
- [Conventions](#)
- [Screenshot Disclaimer](#)
- [Acronyms and Abbreviations](#)
- [Basic Actions](#)
- [Symbols and Icons](#)
- [Module Post-requisite](#)

## Purpose

This guide enables the user to integrate Oracle Products with External Product Processor through Oracle Banking Routing Hub Platform.

## Before You Begin

Kindly refer to the **Getting Started User Guide** for information on common functionalities like login, navigation, and general settings before proceeding with this guide.

## Module Pre-requisite

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

## Module Definitions

**Table 1 Terms & Definitions**

Terms	Definitions
<b>Consumer Application</b>	The product that requires integration with another product for retrieving information or posting transactions does not need to know the following details while coding.
<b>Service Consumer</b>	It is an Oracle banking solution that utilizes the Oracle Banking Routing Hub API for integration purposes. Analyze the Oracle Banking Routing Hub and assess the destination product processor.
<b>Import Service Consumer</b>	The user can create a service consumer by importing the JSON file and manually selecting the service providers or select all providers that needs to be imported.
<b>Environment Variables</b>	A set of variables that will be accessible across the particular configuration of the consumer.
<b>Service Providers</b>	Service Providers are systems designed to handle requests sent by the Oracle Banking Routing Hub for service consumers. They include information about destination integration.
<b>Parameter Group</b>	Parameter mapping is used to establish the relationship between parameters of 2 different systems i.e., consumer and provider.
<b>Import Implementation</b>	The user can create an implementation by importing the JSON file.
<b>Consumer Services</b>	It specifies the service ID that is transmitted by the service consumer. It also handles transitions and route definitions, including the details for source integration.
<b>Transformation</b>	It involves gathering and changing data from one source to another and back again. This process occurs within consumer services. It changes the data from the service consumer into a format suitable for the service provider.
<b>Routing</b>	It determines which service provider receives the actual request by considering maintenance and assessment factors.
<b>Chaining</b>	The sequence of transformations for each routing in which the request needs to be processed.
<b>Template Extensibility</b>	It is achieved by specifying the extended templates for request and response kernel transformation templates. And as part of extensibility, Routing Hub merges the output of kernel template and custom template in terms of JSON / XML merging.
<b>SPI</b>	It is used to make Routing Hub more extensible. SPI provides an option to extend interfaces without modifying the core application.
<b>Monitoring dashboard</b>	It provides to System integrators and IT administrators to review the health of the integrations. It displays data using different type of widgets to help users to assess the performance of integrations and identify the areas that requires attention.

## Audience

This guide is intended for the customers and partners.

## 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 customer access to and use of Oracle support services will be pursuant to the terms and conditions specified in their Oracle order for the applicable services.

## 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*
- *Oracle Banking Getting Started 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.
<i>italic</i>	Italic type indicates book titles, emphasis, or placeholder variables for which user supply particular values.
<code>monospace</code>	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that user 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.

## Acronyms and Abbreviations

The list of the acronyms and abbreviations used in this guide are as follows:

**Table 2 Acronyms and Abbreviations**

Abbreviation	Description
API	Application Programming Interface
JSON	Java Script Object Notation
XML	Extensible Markup Language
WSDL	Web Services Description Language

## Basic Actions

**Table 3 Basic Actions**

Action	Description
<b>Submit</b>	Click to complete the transaction after you specify all the input parameters for a particular transaction.
<b>Cancel</b>	Click to cancel the transaction input midway without saving any data.
<b>Clear</b>	Click to clear the transaction input data. The system displays a pop-up screen with confirmation to clear data. You can click <b>OK</b> to confirm or click <b>x</b> icon to retain the data.
<b>Query</b>	On completion of input of necessary parameters, click this button to fetch and display the details.
<b>OK</b>	Click to confirm the details in the pop-up screen.
<b>Save</b>	Click to save the details specified in the screen.
<b>Exit</b>	Click to close the screen and go to Home screen.

## Symbols and Icons

This guide has the following list of symbols and icons.

**Table 4 Symbols and Icons - Common**

















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

Table 4 (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
	Refresh
	Click this icon to delete a row, which is already added.
	Calendar
	Alerts
	Import a file
	Edit a file

## Module Post-requisite

After finishing all the requirements, log out from the **Home** screen.



# 1

## Configuration Transport

This topic describes the procedure to configure transport maintenance.

An updated transport utility for configuration maintenance allows for the streamlined process of exporting existing maintenance configurations from one environment and transporting them to a destination environment. To ensure a smooth transition, it's crucial to follow these steps:

1. **Target Environment Maintenance**
2. **Export Maintenance from Source Environment**
3. **Import Maintenance to Target Environment**
4. **Acknowledge Source Environment**

- [Target Environment Maintenance](#)  
This topic describes the instructions to maintain the target environment.
- [Export Screens](#)  
This topic describes systematic instructions to export maintenance from source environment.
- [Import Screens](#)  
This topic describes about the instructions to import maintenance from target environment.
- [Upload ACK Screen](#)  
This topic describes about the instructions to acknowledge the import.

### 1.1 Target Environment Maintenance

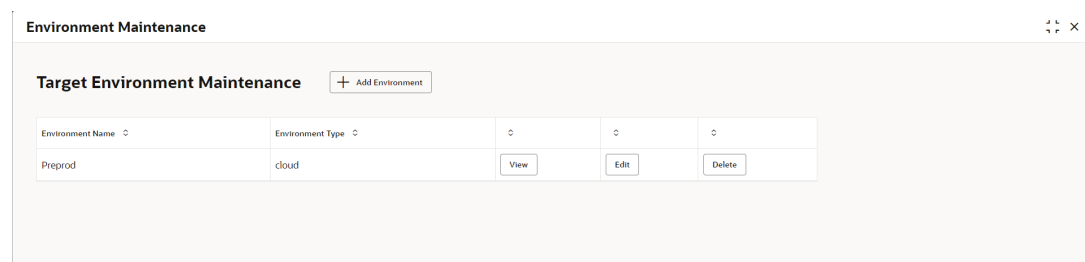
This topic describes the instructions to maintain the target environment.

Specify **User ID** and **Password**, and login to **Home** screen. For information on login procedure, refer to the *Getting Started User Guide*.

1. On **Home** screen, click **Config Transport**, under **Config Transport**, click **Environment Maintenance**.

The **Environment Maintenance** screen displays.

**Figure 1-1 Environment Maintenance**



The screenshot shows the 'Environment Maintenance' screen. At the top, there is a title 'Environment Maintenance' and a '+ Add Environment' button. Below this is a table with the following data:

Environment Name	Environment Type			
Preprod	cloud	View	Edit	Delete

#### Environment Data

2. On Environment Maintenance screen, click **+ Add Environment** to add a new target environment.

The **Environment Data** screen displays.

**Figure 1-2 Environment Data**

**Environment Data**

Environment Type  
Cloud

Http Scheme

Environment Name

Branch Code

Entity ID

Tenant ID

Tenant PDB

Tenant SVC

Close

Submit

3. Specify the details on **Environment Data** screen.
- For more information on fields, refer to the field description table.

**Table 1-1 Environment Data**

Field	Description
Environment Type	Select the type from the drop-down list. The available options are : <ul style="list-style-type: none"><li>On-Prem</li><li>Cloud</li></ul>
Http Scheme	Select the scheme from the drop-down list. The available options are : <ul style="list-style-type: none"><li>http</li><li>https</li></ul>
Environment Name	Specify the name of the target environment.
Branch Code	Specify the branch code.
Entity ID	Specify the entity id.
Tenant ID	Specify the tenant id. This field appears if the <b>Environment Type</b> is selected as <b>Cloud</b> .
Tenant PDB	Specify the tenant pdb. This field appears if the <b>Environment Type</b> is selected as <b>Cloud</b> .

**Table 1-1 (Cont.) Environment Data**

Field	Description
<b>Tenant SVC</b>	Specify the tenant svc. This field appears if the <b>Environment Type</b> is selected as <b>Cloud</b> .

- Click **Submit** to save the target environment.
- Click **View**, **Edit**, and **Delete** for the respective actions in the created target environments.

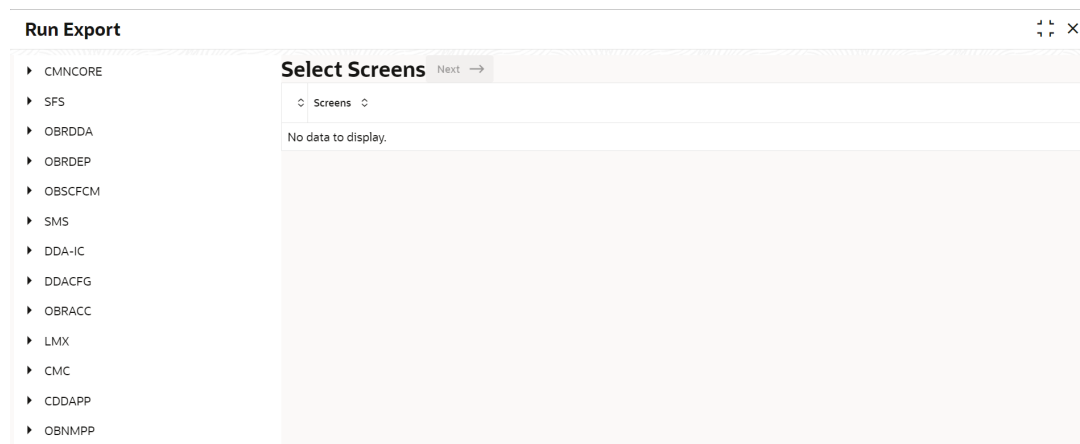
## 1.2 Export Screens

This topic describes systematic instructions to export maintenance from source environment.

Specify **User ID** and **Password**, and login to **Home** screen. For information on login procedure, refer to the *Getting Started User Guide*.

- On **Home** screen, click **Config Transport**, under **Config Transport**, click **Export**.
- Under **Export**, click **Run Export**.

The **Run Export** screen displays.

**Figure 1-3 Run Export**

- Select the source environment from the left panel.
- Select the maintenances to be exported from the source environment.
- Click **Next** and **Submit** to save to maintenances.

The **Success** screen displays with maintenance export ID.

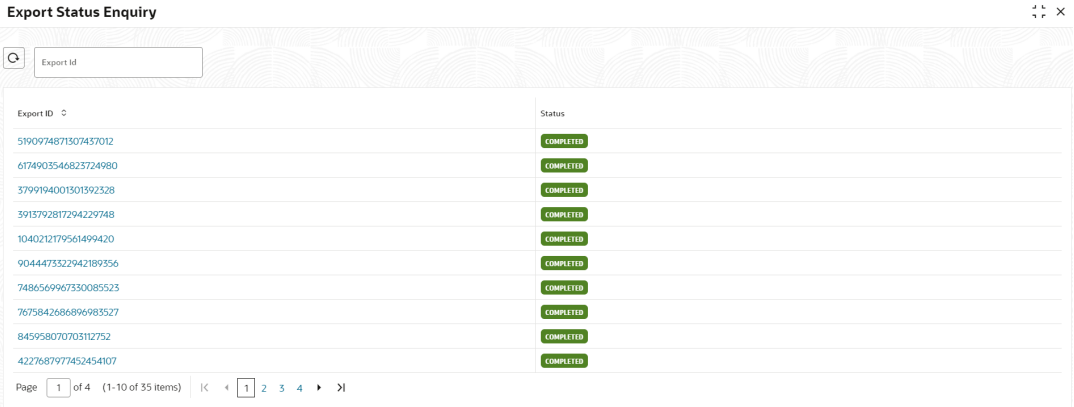
Figure 1-4 Success - Run Export



To View Export Status

- 6. On **Home** screen, click **Config Transport**, under **Config Transport**, click **Export**.
- 7. Under **Export**, click **Export Status Enquiry**.  
The **Export Status Enquiry** screen displays.

Figure 1-5 Export Status Enquiry

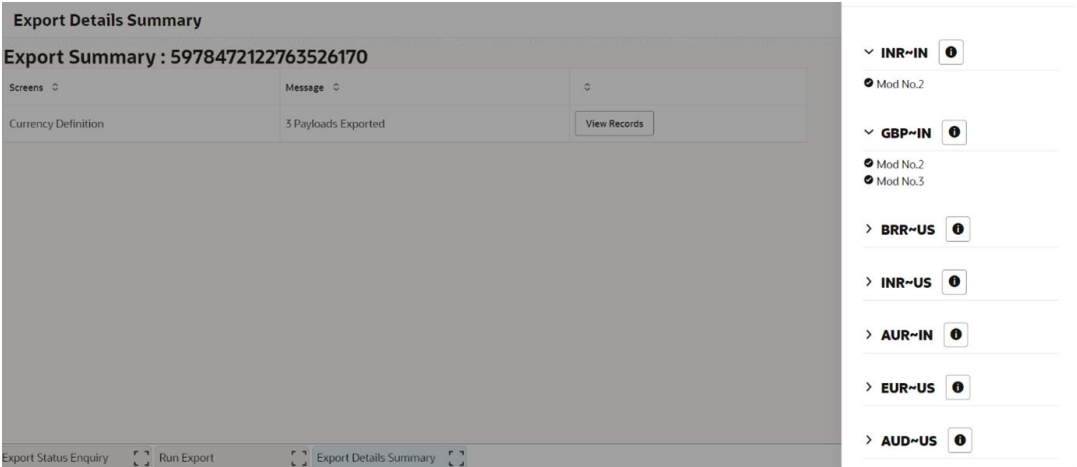


For more information on fields, refer to the field description table.

Table 1-2 Export Status Enquiry

Field	Description
Export ID	Displays the exports id's.
Status	Dsplays the export status.

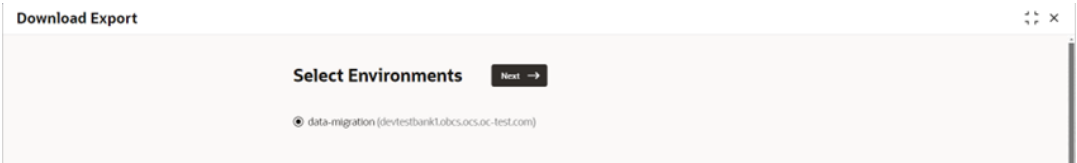
Figure 1-6 Export Details



To down Export

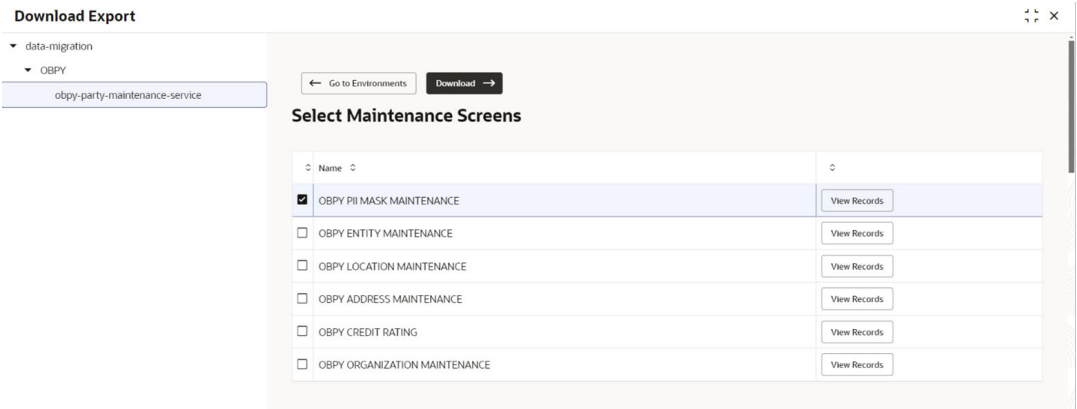
- 8. On **Home** screen, click **Config Transport**, under **Config Transport**, click **Export**.
  - 9. Under **Export**, click **Download Export**.
- The **Download Export** screen displays.

Figure 1-7 Download Export



- 10. Select the **Source Environments** and click **Next**.
- The **Download Export - Select Maintenance Screens** displays.

Figure 1-8 Download Export - Select Maintenance Screens



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

**Table 1-3 Download Export - Select Maintenance Screens**

Field	Description
<b>Name</b>	Displays the available maintenance screen from the source environment.
<b>View Records</b>	Click the icon to view the maintenance screen records.

11. Choose the source maintenance service from the left panel and check the box next to it on the **Select Maintenance Screens**.
12. On **Download Export** screen click **Download** to download the selected maintenance file.  
This screen provides a detailed summary of the export operation.
13. Click **View Records**, it displays the full details of all records imported can be viewed.

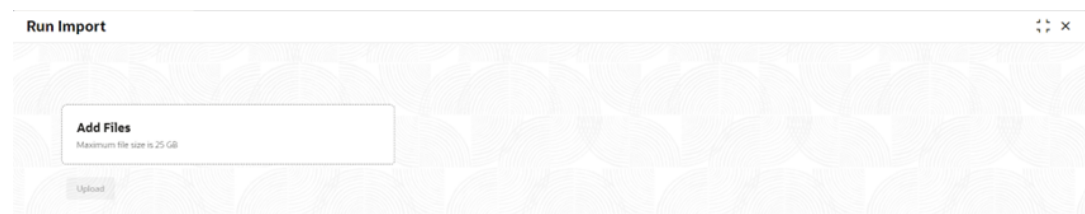
## 1.3 Import Screens

This topic describes about the instructions to import maintenance from target environment.

Specify **User ID** and **Password**, and login to **Home** screen. For information on login procedure, refer to the *Getting Started User Guide*.

1. On **Home** screen, click **Config Transport**, under **Config Transport**, click **Import**.
2. Under **Import**, click **Run Import**.

The **Run Import** screen displays.

**Figure 1-9 Run Import**

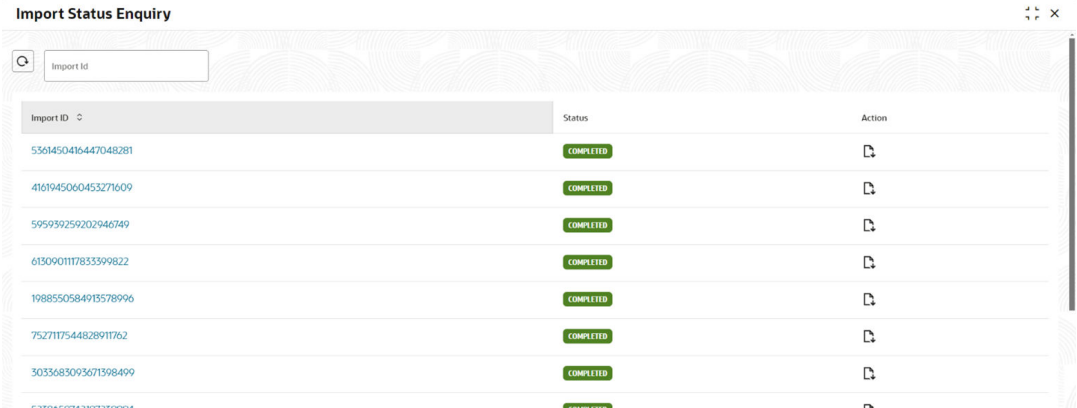
3. Click **Add Files** to upload the maintenance export and click **Upload**.  
The **Success - Config File** screen displays with config upload ID.

**Figure 1-10 Success - Config File**

**To View Import Status**

- 4. On **Home** screen, click **Config Transport**, under **Config Transport**, click **Import**.
  - 5. Under **Import**, click **Import Status Enquiry**.
- The **Import Status Enquiry** screen displays.

Figure 1-11 Import Status Enquiry



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

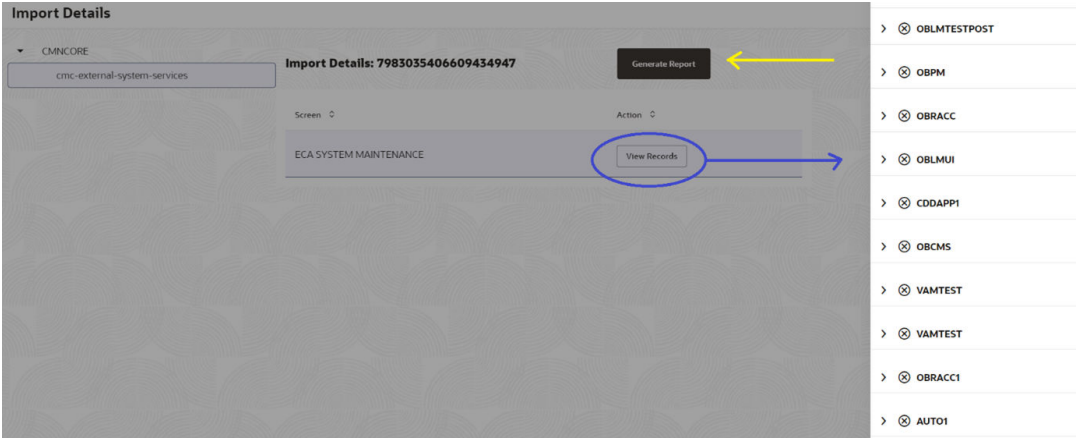
Table 1-4 Import Status Enquiry

Field	Description
Import ID	Displays the import id's.
Status	Dsplays the export status.
Actions	Click the icon to download.

- 6. Click **Action**, it will download the **ACK** file (which is to be uploaded in the upload ACK Screen).

The Import details screen is launched on click of the hyperlinked import ID and summarizes the import operation.

Figure 1-12 Import Details



7. Click **View Records**, it displays the full details of all records imported can be viewed.  
Click **Generate Report** to download the report summarizing the import operation.

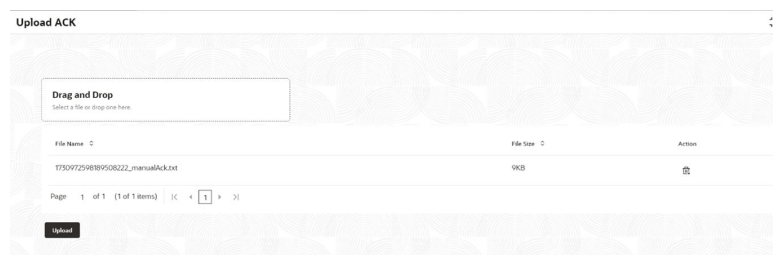
## 1.4 Upload ACK Screen

This topic describes about the instructions to acknowledge the import.

Specify **User ID** and **Password**, and login to **Home** screen. For information on login procedure, refer to the *Getting Started User Guide*.

1. On **Home** screen, click **Config Transport**, under **Config Transport**, click **Upload ACK**.  
The **Upload ACK** screen displays.

**Figure 1-13 Upload ACK**



2. On **Upload ACK** screen, **Drag and Drop** to select a file and **Upload** to upload the acknowledgement.a

### Note

The removal of the previously exported maintenance will be initiated by the upload of an acknowledgement.



# Index

## C

---

Configuration Transport, [1](#)

## E

---

Export Screens, [3](#)

## I

---

Import Screens, [6](#)

## T

---

Target Environment Maintenance, [1](#)

## U

---

Upload ACK Screen, [8](#)