

Oracle® Banking Electronic Data Exchange for Corporates OBEDX-OBVAM Integration Guide



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Preface

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Purpose

This guide is to help with Integration of **Oracle Banking Electronic Data Exchange** with **Oracle Banking Virtual Account Management**.

Audience

This guide is primarily intended for the following user/user roles:

Table 1 Audience

Role	Function
Implementation and IT Staff	Implementation and maintenance of the software

Acronyms and Abbreviations

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

Abbreviation	Description
OBEDX	Oracle Banking Electronic Data Exchange for Corporates

Documentation Accessibility

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

1

Integration Guide

- [Introduction](#)
You can integrate OBEDX with OBVAM. This document briefs you about the specific steps needed for integration of these two products.

1.1 Introduction

You can integrate OBEDX with OBVAM. This document briefs you about the specific steps needed for integration of these two products.

2

Maintenance in OBEDX

This section describes the specific maintenances needed for OBEDX to integrate with OBVAM.

- [Verifying the Integration Preferences](#)
- [Create User & Assign Role for OBVAM](#)

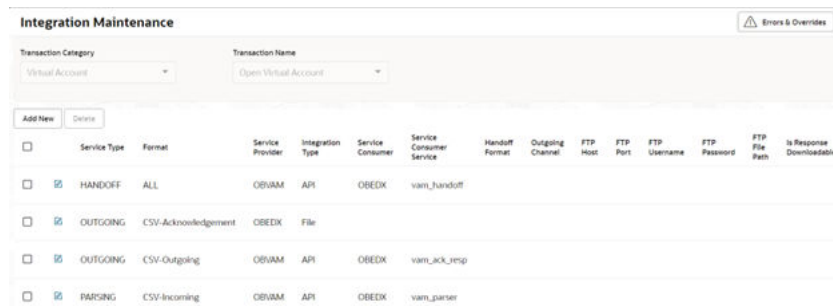
2.1 Verifying the Integration Preferences

Go to **Electronic Data Exchange** → **Maintenance** → **Integration Preferences** → **View Integration Preferences**.

For Transaction Category: “Virtual Account”, there will be three entries for “Close Virtual Account”, “Open Virtual Account” and “Add Special Rate”. Modify the chunk size and retry count based on the implementation need for “Close Virtual Account”, “Open Virtual Account”. Default retry count is 2.

Verify the entries in Integration Preference as mentioned in the below snapshot.

Figure 2-1 Integration Maintenance



The screenshot shows the 'Integration Maintenance' interface. At the top, there are two dropdown menus: 'Transaction Category' set to 'Virtual Account' and 'Transaction Name' set to 'Open Virtual Account'. Below these are 'Add New' and 'Delete' buttons. The main part of the interface is a table with the following columns: , Service Type, Format, Service Provider, Integration Type, Service Consumer, Service Consumer Service, Handoff Format, Outgoing Channel, FTP Host, FTP Port, FTP Username, FTP Password, FTP File Path, and Is Response Downloadable. There are three rows of data in the table:

<input type="checkbox"/>	Service Type	Format	Service Provider	Integration Type	Service Consumer	Service Consumer Service	Handoff Format	Outgoing Channel	FTP Host	FTP Port	FTP Username	FTP Password	FTP File Path	Is Response Downloadable
<input type="checkbox"/>	HANDOFF	ALL	OBVAM	API	OBEDX	vam_handoff								
<input type="checkbox"/>	OUTGOING	CSV-Acknowledgement	OBEDX	File										
<input type="checkbox"/>	OUTGOING	CSV-Outgoing	OBVAM	API	OBEDX	vam_ack_resp								
<input type="checkbox"/>	PARSING	CSV-Incoming	OBVAM	API	OBEDX	vam_parser								

2.2 Create User & Assign Role for OBVAM

Create a user for OBVAM and assign role 'ADMIN_ROLE' for user to perform service API operations in Appshell.

Navigation Route: From the **Security Management**, click **User**, then click **Create User**

Figure 2-2 User Maintenance and Role Assignment

Users Maintenance			
User Details			
Name	Login ID	Home Branch	
OBEDXCHECKER	OBEDXCHECKER	006	
Status			
User Status	Status Changed On	Is Supervisor	Manager ID
Enable	May 17, 2025	On	OBEDXCHECKER
Start Date	End Date	System User	
May 17, 2025	August 3, 2031	Off	
Other Details			
Access to PO	Staff Customer Restrictions Required	Customer ID	Email ID
On	Off		
Telephone Number	Home Phone Number	Mobile Number	Fax
Language Code			
<input type="button" value="Add"/>			

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Maintenance in OBRH

This section describes the specific maintenances needed in OBRH for integration of OBEDX with OBVAM.

Prerequisite – Consumer json import should be completed in OBRH. Please refer OBEDX-OBRH Integration Guide.

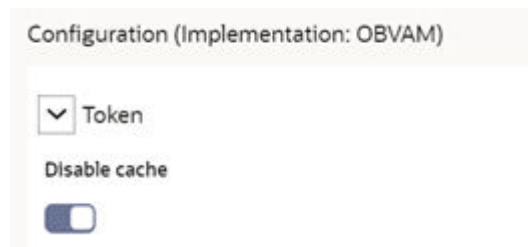
Find the OBEDX service consumer in routing hub (OBRH).

Navigation Path:

From the **Core Maintenance**, click **Routing Hub**, then click **Service Consumers**

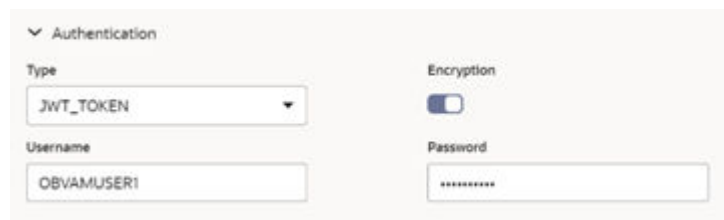
- a. Select OBEDX Service consumer and select OBVAM in Service providers.
- b. Go to Configuration of OBVAM service provider and disable cache in configuration.

Figure 3-1 OBVAM service provider



- c. Go to Edit of OBVAM service provider and update Authentication section for JWT token.

Figure 3-2 Authentication

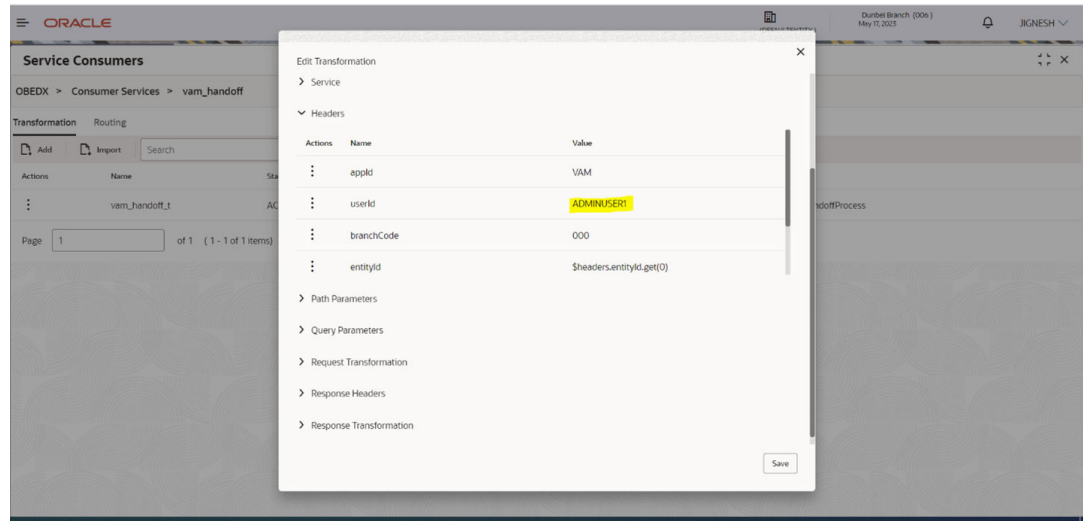


Select OBEDX Service consumer and go to Consumer Services section.

1. Select vam_handoff and in the Transformation Section, edit vam_handoff_t and under Headers section update the userId to the newly created user ID maintained in section [Create User & Assign Role for OBVAM](#) and update endpoint as /api-gateway/obvam-account-services/service/account/handoffProcess.
2. Select vam_parser and in the Transformation Section, edit vam_parser_t and under Headers section update the userId to the newly created user ID maintained in section [Create User & Assign Role for OBVAM](#) and update endpoint as /api-gateway/obvam-account-services/service/account/parsefile.
3. Select vam_ack_response and in the Transformation Section, edit transformation and under Headers section update the userId to the newly created user ID maintained in

section [Create User & Assign Role for OBVAM](#) and update endpoint as `/api-gateway/obvam-account-services/service/account/h2hAckFile`.

Figure 3-3 User & Source Code update in OBRH



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List of Topics

Chapters	Description
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this manual.
Chapter 2	This chapter helps you to Integrate Oracle Banking Electronic Data Exchange with Oracle Banking Virtual Account Management.

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