

Oracle® Banking Origination

Credit Card Integration Guide



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Preface

This topic contains the following sub-topics:

Purpose

This guide is to help with Integration of Oracle Banking Origination Product with Credit Card module acting as the backend Product Processor.

Audience

This guide is intended for the Implementation and IT Staff to implement and maintain the software.

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>.

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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.

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	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.

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Integration Guide

User can integrate Oracle Banking Origination with Credit Card System acting as the backend Product Processor through Oracle Banking Routing Hub. This guide briefs about the specific steps needed for integration of these two products and specific maintenance.

Credit Card System should be available with support to the list of consumer services. Refer to the [API for Oracle Banking Origination](#)

This topic contains the following subtopics:

Maintenance for Oracle Banking Origination

This topic describes systematic instructions to maintain Oracle Banking Routing Hub configuration for Oracle Banking Origination.

To maintain Oracle Banking Routing Hub configuration in common core for **CC_HOST**.

1. From **Home** screen, click **Core Maintenance**. Under **Core Maintenance**, click **Routing Hub**.
2. Under **Routing Hub**, click **Service Consumers**.

The **Service Consumers** screen displays.

Figure 1-1 Service Consumer



3. Click **Import** and upload the RPM_ORIGINATION_Consumer.json file provided in the release and click **Extract**.

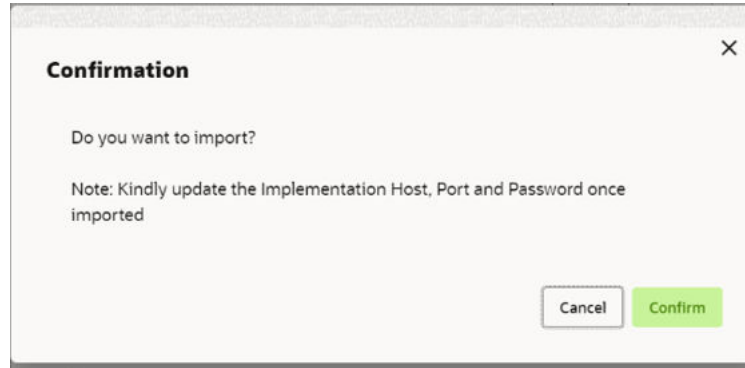
The **Success** screen displays.

Figure 1-2 Success



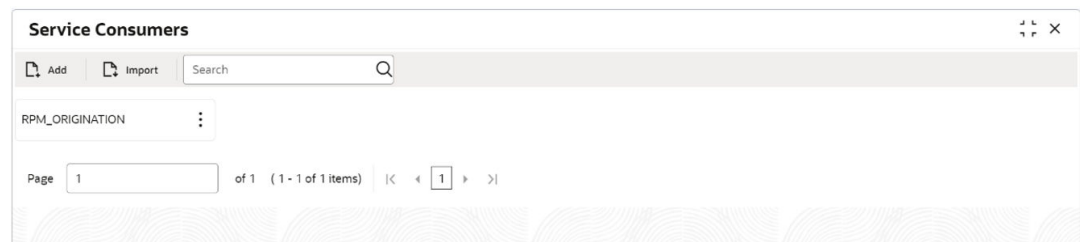
4. Select **CC_HOST** and click **Import**.
The **Confirmation** screen displays.

Figure 1-3 Confirmation



5. Click **Confirm**.
The **RPM_ORIGINATION** is successfully imported.

Figure 1-4 Service Consumer



6. Click **RPM_ORIGINATION**
7. Under **RPM_ORIGINATION**, click **CC_HOST**.

Figure 1-5 RPM Origination CC_HOST



8. On **Implementation** screen, click **Operation menu** (3 dots button) and click **Edit**.
The **Edit Implementation** screen displays.

Figure 1-6 Edit Implementation

Edit Implementation

Name *
CC_HOST_Default

Description *
Default Implementation

Type *
DEFAULT ☒ Default ☐ Eureka Instance

Scheme *
https

Host *
whf00cdl.in.oracle.com

Port
7017

► Authentication

► Headers

► Service

Save

9. Change the **Host** and **Port** as per the Oracle FLEXCUBE Universal Banking installation and click **Save**.

The below consumer services will be imported.

Figure 1-7 Consumer Services

Actions	Name	Description
:	Get_Credit_Card_Number	Get_Credit_Card_Number
:	Get_Host_Product_Details_By_Code	Get_Host_Product_Details_By_Code
:	Get_Host_Product_Details_List	Get_Host_Product_Details_List
:	Save_Credit_Card_DS_Details	Save_Credit_Card_DS_Details
:	Update_Credit_Card_Number	Put_Credit_Card_Number

Note

Refer to the *Routing Hub Configuration User Guide* for more details.

API for Oracle Banking Origination

This topic provides information about the list of API's for Oracle Banking Origination.

1. Get_Host_Product_Details_By_Code
Parent Node: HostProductList

Table 1-1 List of Names

Field Name	Field Description	Type	Length
productCode	Host Product Code	String	4
productDescription	Host Product Description	String	50
productType	-	String	1

2. Get_Host_Product_Details_By_Code
Parent Node: data

Table 1-2 List of Names

Field Name	Field Description	Type	Length
productCode	Host Product Code	String	4
productDescription	Host Product Description	String	50
productType	-	String	1

Child Node: components

Parent Node: data

Table 1-3 List of Names

Field Name	Field Description	Type	Length
componentName	Host Product Code	String	4
componentDescription	Host Product Description	String	50
componentType	Component Type	String	1
hostComponentType	Host Component Type	String	1
mainComponent	Main Component	String	1
componentReportingType	Reporting type Interest /Charge	String	50
ratetoUse	Rate to Use	String	50

Child Node: productUdes

Parent Node: components

Table 1-4 List of Names

Field Name	Field Description	Type	Length
productCode	Host Product Code	String	4
productDescription	Host Product Description	String	50
productType	-	String	1

3. Save_Credit_Card_DS_Details
Parent Node: HostProductList

Table 1-5 List of Names

Field Name	Field Description	Type	Length
processRefNo	Process Reference Number	String	35
applicationNo	Application Number	String	16

Kindly refer to swagger documentation for all Data Segment Details for credit card application.

Figure 1-8 View Transformation

View Transformation

processRefNo body.processRefNo

QueryParams

Actions	Name	Value
No data to display.		

Request Transformation

Template Type: VELOCITY

Template:

```
{
  "allDsDetails": "$body.data"
}
```

Response Transformation

Template Type: VELOCITY

Template:

As part of response, credit card number is expected.

Table 1-6 List of Names

Field Name	Field Description	Type	Length
creditcardnumber	Credit Card Number	Long	16

4. Update_Credit_Card_Number
Use this API in case of unsynchronized call.

Table 1-7 List of Names

Field Name	Field Description	Type	Length
processRefNo	Process Reference Number	String	35

Table 1-7 (Cont.) List of Names

Field Name	Field Description	Type	Length
cardNumber	Credit Card Number	String	16

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