

# Oracle® Banking Liquidity Management Integration Guide



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# Preface

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## Purpose

This guide describes the information on integration service recommendations for Oracle Banking Liquidity Management.

## Audience

The guide is intended for IT department or administrators deploying Oracle Banking Liquidity Management and third party or vendor software. Some information is relevant to IT decision makers and users of the application are also included.

### Note

Readers are expected to have basic operating system, network, and system administration skills with awareness of vendor/third-party software and knowledge of Oracle Banking Liquidity Management application.

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## Critical Patches

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## Related Resources

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

- *Oracle Banking Security Management System User Guide*
- *Oracle Banking Common Core User Guide*
- *Routing Hub Configuration User Guide*
- *Getting Started User Guide*
- *Oracle Banking Liquidity Management Configuration 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.                          |
| monospace       | 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.

# 1

## Steps to configure Service Providers for Oracle Banking Liquidity Management

This topic describes the systematic instructions to configure the service providers for Oracle Banking Liquidity Management.

The user should maintain the below functional activities to configure the service providers for Oracle Banking Liquidity Management.

- [Initial Setup](#)  
This topic describes the initial setup process for Configuring for Oracle Banking Liquidity Management Service Providers.
- [Service Providers](#)  
This topic provides the information about the Service Providers.
- [Consumer Services](#)  
This topic provides the information about the Consumer Services.
- [Configure Service Providers](#)  
This topic describes the configure the service providers for Oracle Banking Liquidity Management.
- [Configuring Consumer Services](#)  
This topic explains how to set up the Consumer Services for Oracle Banking Liquidity Management.

### 1.1 Initial Setup

This topic describes the initial setup process for Configuring for Oracle Banking Liquidity Management Service Providers.

To set up the Oracle Banking Routing Hub, please adhere to the following steps:

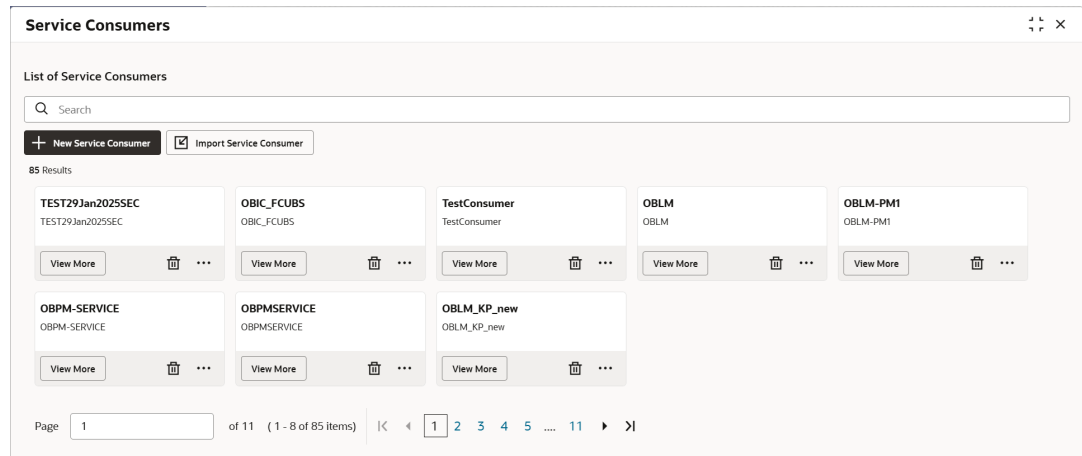
1. Download the [OBLM Consumer.json](#) configuration file in case it is not done during installation setup.

#### Note

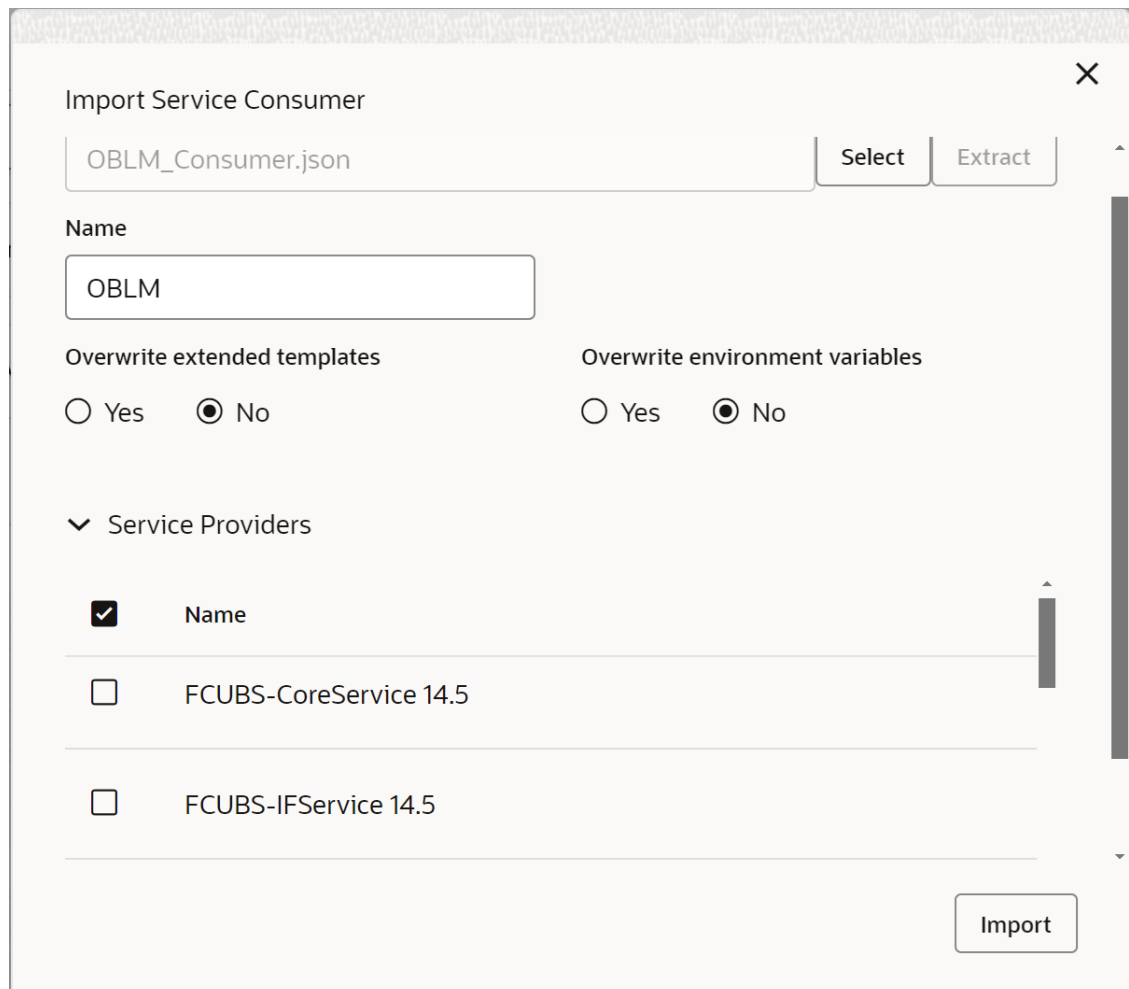
Ignore below steps 3 & 4 if the files that are already imported during installation.

2. On **Home** screen, click **Interconnect**. Under **Interconnect**, click **Routing Hub**
3. Under **Routing Hub**, click **Service Consumers**.

The **Service Consumers** screen displays.

**Figure 1-1 Service Consumers**

4. Click **Import Service Consumer** button, select file **OBLM\_Consumer.json**.
5. Click the **Extract** button and then select all the service providers.
6. Click the **Import** button.

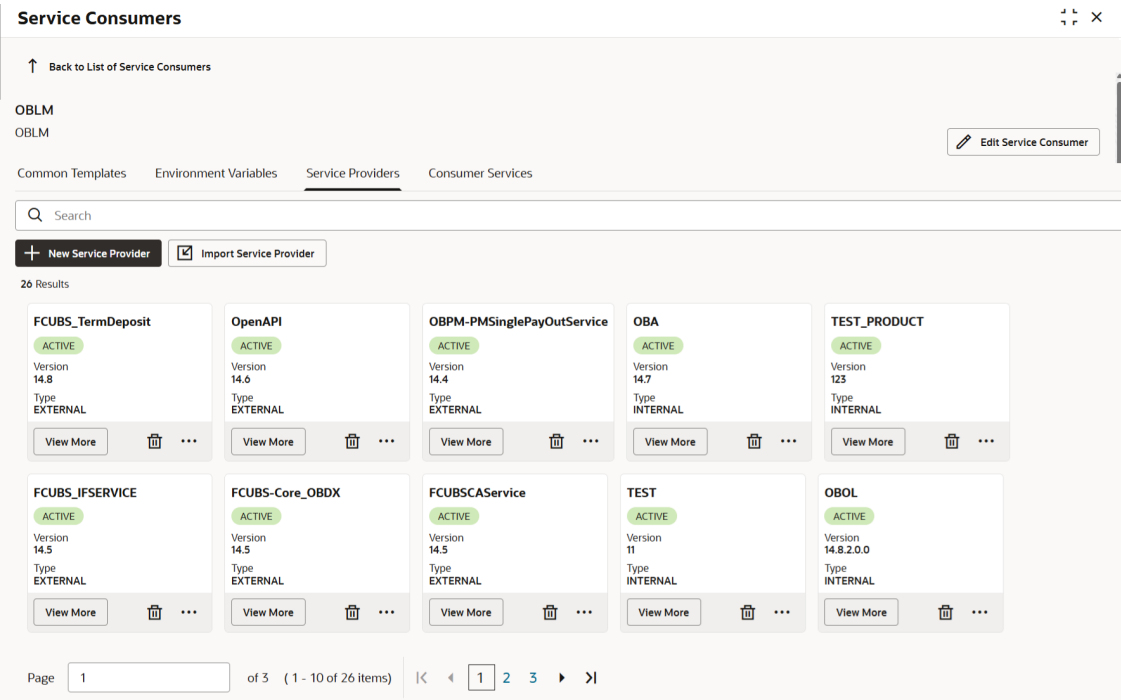
**Figure 1-2 Import Service Consumer**

# 1.2 Service Providers

This topic provides the information about the Service Providers.

**Oracle Banking Liquidity Management Service Providers.**

**Figure 1-3    Service Providers**

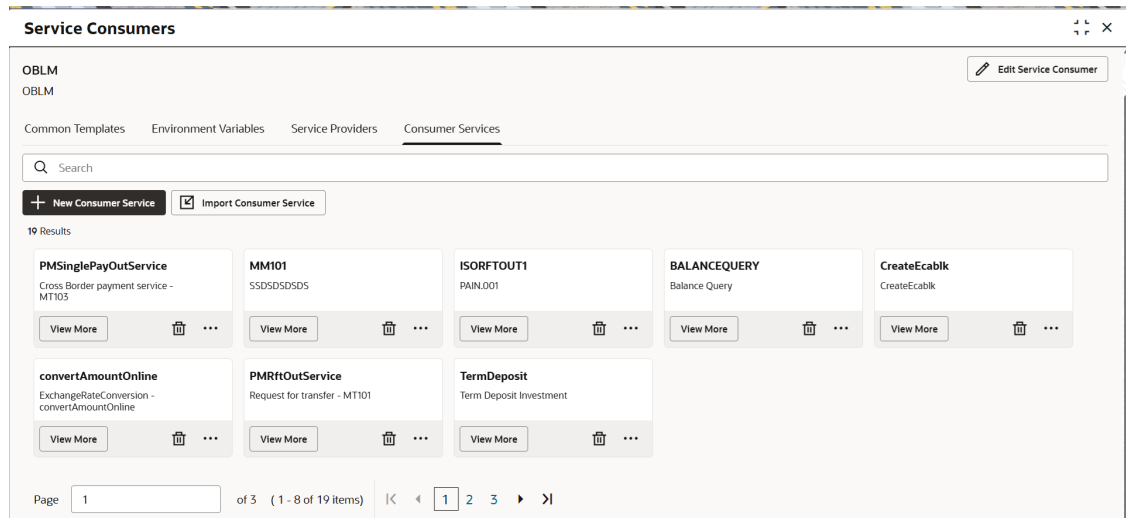


# 1.3 Consumer Services

This topic provides the information about the Consumer Services.

**Oracle Banking Liquidity Management Consumer Services.**

Figure 1-4 Consumer Service



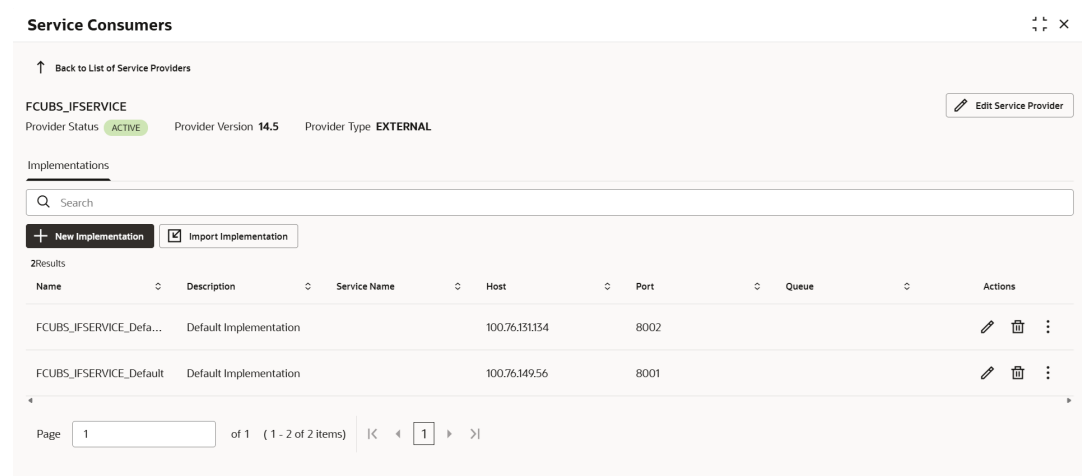
## 1.4 Configure Service Providers

This topic describes the configure the service providers for Oracle Banking Liquidity Management.

1. Click on consumer **OBLM**.
2. Click on any service providers (For example **FCUBS-IFService**).
3. Click **Actions** icon and select **Edit**.

The **Service Consumer** screen displays.

Figure 1-5 Service Consumers Screen



4. Update the **Host** and **Port No.** of **FCUBSIFService** webservice and then click **Save**.  
The **Edit Implementation** screen displays.

**Figure 1-6 Edit Implementation**

**Service Consumers**

↑ Back to List of Service Providers

**FCUBS\_IFSERVICE**  
Provider Status: **ACTIVE** Provider Version: **14.5** Provider Type: **EXTERNAL**

**Implementations**

Search

+ New Implementation    ☒ Import Implementation

2 Results

| Name                    | Description            | Service Name | Host           |
|-------------------------|------------------------|--------------|----------------|
| FCUBS_IFSERVICE_Def...  | Default Implementation |              | 100.76.131.134 |
| FCUBS_IFSERVICE_Default | Default Implementation |              | 100.76.14      |

Page 1 of 1 (1 - 2 of 2 items) |< < 1 > >|

**Edit Implementation**

**Implementation Details (1/4)**

Implementation Name: FCUBS\_IFSERVICE\_Default\_new12

Implementation Description: Default Implementation

Implementation Type: Default

Scheme: http

Host: 100.76.131.134

Port: 8002

URL Prefix To Strip:

Use WSDL details (scheme, host and port) for SOAP service invocation: ☐

Use Proxy: ☐

Next Step

- Repeat the step 2 to 4 for all other service providers and update appropriate **Host & Port No.**

## 1.5 Configuring Consumer Services

This topic explains how to set up the Consumer Services for Oracle Banking Liquidity Management.

- Click on consumer **OBLM**.
- Click on any consumer services (For example **BALANCEQUERY**).
- Click **View More**

The **Service Consumers - Transformation** screen displays.

**Figure 1-7 Consumers Service List**

**Service Consumers**

↑ Back to List of Consumer Services

**BALANCEQUERY**  
Balance Query

Transformation Routing

Search

+ New Transformation Import Transformation

7 Results

| Name                   | Product Processor        | Implementation              | Service                               | Actions |
|------------------------|--------------------------|-----------------------------|---------------------------------------|---------|
| OpenAPI_Transformation | OpenAPI 14.6             | OpenAPI_Default             | http://openapi-service/fetch          |         |
| T2                     | FCUBS-core 14.4          | FCUBS-core_Default          | FCUBSCoreService (FCUBSCoreServi...   |         |
| OBABalanceFetch        | OBA 14.7                 | OBA_Default                 | /obcdda-pp-transaction-balance-se...  |         |
| VAM                    | OBVAM 14.7               | OBVAM_Default               | /service/balance                      |         |
| T3                     | FCUBS-Core 14.5          | FCUBS-Core_Default          | FCUBSCoreService (FCUBSCoreServi...   |         |
| OBABalanceQuery        | OBA 14.7                 | OBA_Default                 | /obcdda-pp-transaction-batch-servi... |         |
| FCUBSBalanceQuery-148  | FCUBSCoreService148 14.8 | FCUBSCoreService148_Default | FCUBSCoreService (FCUBSCoreServi...   |         |

Page 1 of 1 (1 - 7 of 7 Items)

- In the **Service Consumers** screen, click **Routing** tab.  
The **Routing Menu** screen displays.

**Figure 1-8 Routing Menu**

**Service Consumers**

↑ Back to List of Consumer Services

**BALANCEQUERY**  
Balance Query

Transformation **Routing**

Search

+ New Route

5 Results

| Name              | Rule Expression            | Product Processor | Implementation     | Transformation         | State | Actions |
|-------------------|----------------------------|-------------------|--------------------|------------------------|-------|---------|
| R1_NEW            | ( branchCode != "MMZ" )... | FCUBS-Core 14.5   | FCUBS-Core_Default | T3                     | START |         |
| OpenAPI_Route     | ( source == "OpenAPI" )    | OpenAPI 14.6      | OpenAPI_Default    | OpenAPI_Transformation | START |         |
| BalanceFetchRoute | ( source == "CDDAP" ) &... | OBA 14.7          | OBA_Default        | OBABalanceFetch        | START |         |
| VAM_Route         | ( source == "OBVAM" )      | OBVAM 14.7        | OBVAM_Default      | VAM                    | STOP  |         |
| BalanceQueryRoute | ( source == "CDDAP" ) &... | OBA 14.7          | OBA_Default        | OBABalanceQuery        | STOP  |         |

Page 1 of 1 (1 - 5 of 5 Items)

- In the **Action** column, click **Edit** icon.  
The **Edit Route** screen displays.

Figure 1-9 Edit Route

✕

<

Routing Details (1/2)

>

Name

BalanceQueryRoute

State

Start

Stop

Auto Shutdown

☐

Rule

☐ Default
 ☒ Custom

Expression

( source == 'CDDAP' ) && ( balanceType == 'VALUEDT' )

+

✕

| <input type="checkbox"/> | Attribute   | Operator | Value     | Condition Type |  |
|--------------------------|-------------|----------|-----------|----------------|--|
| <input type="checkbox"/> | source      | ==       | 'CDDAP'   | &&             |  |
| <input type="checkbox"/> | balanceType | ==       | 'VALUEDT' |                |  |

Page

1

of 1

(1-2 of 2 items)

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1

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Next Step

6. In the **Edit Route** screen, click **Next Step** to edit the transformation.  
The **Transformations** screen displays.
7. Select the record to edit the transformation.  
The **Edit Route - Transformations** screen displays.

Figure 1-10 Edit Transformation

Edit Route

×

<

Transformations (2/2)

>

+

🗑

| <input type="checkbox"/>            | Product Processor | Implementation | Transformation  |
|-------------------------------------|-------------------|----------------|-----------------|
| <input checked="" type="checkbox"/> | OBA 14.7          | OBA_Default    | OBABalanceQuery |

Page 1 of 1 (1 of 1 items)

|<

<

1

>

>|

Product Processor

OBA 14.7

Implementation

OBA\_Default

Transformation

OBABalanceQuery

| Header Name  | Header Value                |   |
|--------------|-----------------------------|---|
| branchCode   | \$env.OBA_GROUP.branchCode  | ✎ |
| entityID     | \$env.OBA_GROUP.entityID    | ✎ |
| userId       | \$env.OBA_GROUP.userId      | ✎ |
| Content-Type | \$env.OBA_GROUP.ContentType | ✎ |
| appld        | CDDAPPTBSAPP                | ✎ |

Page 1 of 1 (1-5 of 5 items)

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1

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>|

- Repeat the steps 2 to 4 to update the transformation for **BALANCEQUERY**.

## 2

# Outbound API calls through Oracle Banking Routing Hub

This topic provides the information on the outbound API calls to Oracle Banking Liquidity Management.

This topic contains the following sub-topics:

- [Oracle FLEXCUBE Universal Banking Integration](#)  
This topic provides the integration account management for Oracle FLEXCUBE Universal Banking.
- [Payments Integration](#)  
This topic describes about the payment integration management for Oracle Banking Payments.
- [Oracle Banking Virtual Account Management Integration](#)  
This topic provides the integration account management for Oracle Banking Virtual Account Management.
- [Oracle Banking Accounts Integration](#)  
This topic provides the integration account management for Oracle Banking Accounts.
- [Oracle Banking Treasury Management Integration](#)  
This topic provides the integration for Oracle Banking Treasury Management.
- [Request Payload Samples](#)  
This topic describes about the payload sample request for Oracle Banking Liquidity Management Integration.

## 2.1 Oracle FLEXCUBE Universal Banking Integration

This topic provides the integration account management for Oracle FLEXCUBE Universal Banking.

Oracle FLEXCUBE Universal Banking services listed below are required for Oracle Banking Liquidity Management integration. Make sure that the following services are available before the implementation:

**Table 2-1 List of Integration Services**

| Sl.No | Provider System | Service URL                                             | Service Description | Remarks                                                    |
|-------|-----------------|---------------------------------------------------------|---------------------|------------------------------------------------------------|
| 1     | FCUBS           | http://host:port/FCUBSCoreService/FCUBSCoreService?WSDL | Balance Fetch       | Service API which is used to Fetch Balance from FCUBS      |
| 2     | FCUBS           | http://host:port/FCUBSIFService/FCUBSIFService?WSDL     | Accounting Hand-off | Service API which is used for Accounting Hand off to FCUBS |

Table 2-1 (Cont.) List of Integration Services

| SI.No | Provider System | Service URL                                         | Service Description    | Remarks                                                        |
|-------|-----------------|-----------------------------------------------------|------------------------|----------------------------------------------------------------|
| 3     | FCUBS           | http://host:port/FCUBSTDService/FCUBSTDService?WSDL | TD Contract Hand-Off   | Service API which is used for Investment Sweep - TD to FCUBS   |
| 4     | FCUBS           | http://host:port/FCUBSCAService/FCUBSCAService?WSDL | CreateEcablK           | Service API which is used for Create RTL blocks request        |
| 5     | FCUBS           | http://host:port/FCUBSCAService/FCUBSCAService?WSDL | CreateExtAccEcaEntries | Service API which is used for Accounting Hand off to FCUBS RTL |
| 6     | FCUBS           | http://host:port/FCUBSCAService/FCUBSCAService?WSDL | CreateRTLResponse      | Service API which is used for RTL status update                |

## 2.2 Payments Integration

This topic describes about the payment integration management for Oracle Banking Payments.

Table 2-2 Payments Integration

| SI.No | Provider System | Service URL                                                                     | Service Description              | Remarks                                                |
|-------|-----------------|---------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------|
| 1     | OBPayments      | http://host:port/obpm-crossborder-service/PMRftOutService?WSDL                  | Transfer Request-MT101           | Service API which is used for MT101 Initiation Request |
| 2     | OBPayments      | http://host:port/obpm-foundation-service/PMSinglePayOutService?WSDL             | Payment Initiation-MT103         | Service API which is used for MT103 Initiation Request |
| 3     | OBPayments      | http://host:port/obpm-foundation-service/PMSinglePayOutServiceBookTransfer?WSDL | Payment Initiation-Book Transfer | Service API which is used for Book Transfer Initiation |

- [Message Mapping for OBRH](#)  
This topic describes about the Messages mapped for OBRH.

### 2.2.1 Message Mapping for OBRH

This topic describes about the Messages mapped for OBRH.

Table 2-3 PMSinglePayOutService

| SI.no | Tag Name                                         | Tag Description                        |
|-------|--------------------------------------------------|----------------------------------------|
| 1     | "GrpHdr_InitGpty" : "",                          | Initiating party                       |
| 2     | "PmtInf_ReqdExctnDt" : "2019-01-14",             | Requested Execution date               |
| 3     | "PmtInf_Dbtr_Id_OrgId_Othr_SchmeNm_Cd" : "COID", | Debtor Identification Scheme name code |

Table 2-3 (Cont.) PMSinglePayOutService

| Sl.no | Tag Name                                                    | Tag Description                                  |
|-------|-------------------------------------------------------------|--------------------------------------------------|
| 4     | "PmtInf_PmtTplnf_SvcLvl_Cd" : "SDVA",                       | Service level code                               |
| 5     | "CtgyPurp_Cd" : "INTC",                                     | Category purpose code                            |
| 6     | "PmtInf_DbtrAgt_BICFI" : "ABPUNE12XB1",                     | Debtor Agent BICFI                               |
| 7     | "PmtInf_DbtrAgtAcct_Id_Othr_Id" : "7252",                   | Debtor agent Account ID                          |
| 8     | "PmtInf_Dbtr_Id_OrgId_Othr_Prtry" : "",                     | Debtor ID Organisation ID proprietary            |
| 9     | "PmtInf_Dbtr_PstlAdr" : [ ],                                | Debtor postal address                            |
| 10    | "PmtInf_PmtTplnf_InstrPrty" : "HIGH",                       | Payment Type information- Instruction Priority   |
| 11    | "PmtInf_DbtrAcct_Ccy" : "",                                 | Debtor Account Currency                          |
| 12    | "PmtInf_DbtrAcct_Id_IBAN" : "AT483200000012345864",         | Debtor IBAN                                      |
| 13    | "PmtInf_DbtrAcct_Id_Othr_Id" : "MAXACC",                    | Debtor Details --> Debtor Account Number         |
| 14    | "PmtInf_Dbtr_Id_OrgId_Othr_Id" : "ACHC0ID03",               | Debtor ID -> Organisation -> other -> ID         |
| 15    | "PmtInf_chrgBr_cd" : "OUR",                                 | Main Tab --> Charge Bearer                       |
| 16    | "PmtInf_PmtMtd" : "TRF",                                    | Payment Method                                   |
| 17    | "PmtInf_Dbtr_Nm" : "MAXACC",                                | Main Tab --> Debtor Name                         |
| 18    | "CdtTrfTxInf_PmtId_InstrId" : "100770645",                  | Instruction Identification                       |
| 19    | "CdtTrfTxInf_Cdtr_PstlAdr_AdrLine3" : "",                   | Postal Address                                   |
| 20    | "CdtTrfTxInf_Amt_InstdAmt_Ccy" : "GBP",                     | Instructed amount currency                       |
| 21    | "CdtTrfTxInf_Cdtr_Nm" : "OBS32412144",                      | Creditor name                                    |
| 22    | "CdtTrfTxInf_Amt_InstdAmt_value" : 125,                     | Instructed amount                                |
| 23    | "CdtTrfTxInf_Cdtr_PstlAdr_AdrLine2" : "",                   | Postal Address                                   |
| 24    | "CdtTrfTxInf_Amt_EqvtAmt_CcyOfTrf" : "",                    | Equivalent Amount Currency of Transfer           |
| 25    | "CdtTrfTxInf_IntrMyagt1_BICFI" : null,                      | Intermediary Agent                               |
| 26    | "CdtTrfTxInf_IntrMyagt1_PstlAdr" : [ ],                     | Intermediary Agent Postal address                |
| 27    | "CdtTrfTxInf_CdtrAgtAcct_BICFI" : "",                       | Creditor Agent Account Bank identifier code      |
| 28    | "CdtTrfTxInf_CdtrAgtAcct_Id_Othr" : "",                     | Creditor Agent Account number                    |
| 29    | "CdtTrfTxInf_Amt_EqvtAmt_value" : "",                       | Equivalent amount value                          |
| 30    | "CdtTrfTxInf_CdtrAgt_BICFI" : "STRBIC00",                   | Creditor agent BICFI                             |
| 31    | "CdtTrfTxInf_CdtrAgt_PstlAdr" : [ ],                        | Creditor agent postal address                    |
| 32    | "CdtTrfTxInf_Cdtr_PstlAdr" : null,                          | Creditor Postal Address                          |
| 33    | "CdtTrfTxInf_PmtId_EndToEndId" : "100770645",               | Payment Identification End to End Identification |
| 34    | "CdtTrfTxInf_Amt_EqvtAmt_Ccy" : "",                         | Equivalent amount currency                       |
| 35    | "CdtTrfTxInf_CdtrAcct_Id_Othr_Id" : "",                     | Creditor account identification                  |
| 36    | "CdtTrfTxInf_CdtrAgt_Nm" : "CdtrAgt Name Test",             | Creditor Agent Name                              |
| 37    | "PmtInf_CustCrDtRfInitAddInf_BeneficiaryInst" : "",         | Beneficiary Institution                          |
| 38    | "PmtInf_CustCrDtRfInitAddInf_BeneficiaryInst_BICFI" : null, | Beneficiary Institution BICFI                    |

Table 2-3 (Cont.) PMSinglePayOutService

| Sl.no | Tag Name                                                            | Tag Description                                            |
|-------|---------------------------------------------------------------------|------------------------------------------------------------|
| 39    | "PmtInf_CustCrDtRfInitAddInf_BeneficiaryInst_PstlAdr" : [],         | BeneficiaryInst Institution Postal Address                 |
| 40    | "PmtInf_CustCrDtRfInitAddInf_BeneficiaryInst_Acct_Id_Othr" : "",    | Beneficiary Institution account ID                         |
| 41    | "PmtInf_CustCrDtRfInitAddInf_BeneficiaryInst_Acct_Id_Othr_Id" : "", | Beneficiary institution account -> Other -> Identification |
| 42    | "PmtInf_CustCrDtRfInitAddInf_SndrToRcvrInfo" : [],                  | Sender to receiver Info                                    |
| 43    | "PmtInf_CustCrDtRfInitAddInf_Recvr" : null,                         | Instructed Agent- BICFI                                    |
| 44    | "PmtInf_CustcrdtrfinitAddinf_CreditNostro" : "",                    | Settlement Account                                         |
| 45    | "PmtInf_MisDtails" : "",                                            | Mis Details                                                |
| 46    | "PmtInf_BeneficiaryInst_Nm" : "Bene Name Test",                     | Beneficiary Institution name                               |
| 47    | "GrpTlr_NetworkCode" : "SWIFT",                                     | Network Code                                               |
| 48    | "GrpTlr_SourceCode" : "MANL",                                       | Source Code                                                |
| 49    | "GrpTlr_HostCode" : "DUBLIN_I",                                     | Host code                                                  |
| 50    | "GrpTlr_TransferType" : "C",                                        | Transfer Type                                              |
| 51    | "GrpTlr_PrefundedPayments" : "N",                                   | Prefunded Payments                                         |
| 52    | "GrpTlr_TxnBranch" : "MAX",                                         | Transaction branch                                         |
| 53    | "GrpTlr_TxnRefNo" : 0,                                              | Transaction reference number                               |
| 54    | "GrpTlr_CustomerNo" : "7252",                                       | Customer Number                                            |
| 55    | "GrpTlr_SsiLabel" : "",                                             | SSI label                                                  |
| 56    | "GrpTlr_ActivationDate" : "2019-01-14",                             | Activation date                                            |
| 57    | "GrpTlr_Remarks" : "",                                              | Internal remarks                                           |

Table 2-4 PMRftOutService

| Sl.no | Tag Name                                        | Tag description     |
|-------|-------------------------------------------------|---------------------|
| 1     | "RftOutCreateIOType_referenceno" : "100770783", | Reference number    |
| 2     | "RftOutCreateIOType_hostcode" : "DUBLIN_I",     | Host code           |
| 3     | "RftOutCreateIOType_branchcode" : "TEL",        | branch code         |
| 4     | "RftOutCreateIOType_customerno" : "MASH",       | Customer number     |
| 5     | "RftOutCreateIOType_receiver" : "APACGB61XXX",  | receiver            |
| 6     | "RftOutCreateIOType_tag28DMSGINX" : 1,          | Message Index/Total |
| 7     | "RftOutCreateIOType_tag28DMSGTOT" : 1,          | Message Index/Total |
| 8     | "RftOutCreateIOType_tag50ORDOPT" : "F",         | Ordering Customer   |
| 9     | "RftOutCreateIOType_tag50ORDACC" : "MB10000",   | Ordering Customer   |
| 10    | "RftOutCreateIOType_tag50ORDADD1" : null,       | Ordering Customer   |
| 11    | "RftOutCreateIOType_tag50ORDADD2" : null,       | Ordering Customer   |
| 12    | "RftOutCreateIOType_tag50ORDADD3" : null,       | Ordering Customer   |

Table 2-4 (Cont.) PMRftOutService

| Sl.no | Tag Name                                   | Tag description              |
|-------|--------------------------------------------|------------------------------|
| 13    | "RftOutCreateIOType_tag30" : "2021-09-21", | Requested Execution Date     |
| 14    | "RftOutCreateIOType_tag25" : "12222321",   | Authorisation                |
| 15    | "RftOutCreateIOType_sourcecode" : "MANL",  | -                            |
| 16    | "MsgOut101Detail1" : [ {                   | -                            |
| 17    | "tag57AWIOPT" : "A",                       | Account with Institution     |
| 18    | "tag57AWIBIC" : "APACGB61XXX",             | Account with Institution     |
| 19    | "tag59ACC" : "MB10001",                    | Beneficiary                  |
| 20    | "tag59ADD1" : null,                        | Beneficiary                  |
| 21    | "tag71A" : "S",                            | Details of Charges           |
| 22    | "tag23ELINE1" : "CORT",                    | Instruction Code             |
| 23    | "tag32BCCY" : "GBP",                       | Currency/ Transaction Amount |
| 24    | "tag32BAMOUNT" : 1000,                     | Currency/ Transaction Amount |
| 25    | "tag56INTBIC" : null,                      | Intermediary                 |
| 26    | "tag56INTCLRGCD" : null,                   | Intermediary                 |
| 27    | "tag56INTPARTYID" : null,                  | Intermediary                 |
| 28    | "tag56INTOPT" : null,                      | Intermediary                 |
| 29    | "tag56INTADD1" : null,                     | Intermediary                 |
| 30    | "tag56INTADD2" : null,                     | Intermediary                 |
| 31    | "tag56INTADD3" : null,                     | Intermediary                 |
| 32    | "tag56INTADD4" : null                      | Intermediary                 |

Table 2-5 PMISORftOutService

| Sl.no | Tag Name                                    | Tag description                  |
|-------|---------------------------------------------|----------------------------------|
| 1     | orderingcustaddress1 :<br>#FROM_ADDR_LINE1  | Ordering customer address line 1 |
| 2     | orderingcustaddress2 :<br>#FROM_ADDR_LINE2  | Ordering customer address line 1 |
| 3     | orderingcustaddress3 :<br>#FROM_ADDR_LINE3  | Ordering customer address line 1 |
| 4     | orderingcustaddress4 :<br>#FROM_ADDR_LINE4  | Ordering customer address line 1 |
| 5     | executiondate : #VALUE_DT                   | Transaction value date           |
| 6     | OBLM_REF_NO : #OBLM_REF_NO                  | Unique sender reference no       |
| 7     | beneficiaryname : #TO_CUSTOMER_NAME         | Beneficiary name                 |
| 8     | beneficiaryaccount : #TO_ACC_IBAN           | Beneficiary account              |
| 9     | beneficiaryaddress1 : #TO_ADDR_LINE1        | Beneficiary address line 1       |
| 10    | beneficiaryaddress2 : #TO_ADDR_LINE2        | Beneficiary address line 2       |
| 11    | beneficiaryaddress3 : #TO_ADDR_LINE3        | Beneficiary address line 3       |
| 12    | beneficiaryaddress4 : #TO_ADDR_LINE4        | Beneficiary address line 4       |
| 13    | EXT_TRANSACTION_NO :<br>#EXT_TRANSACTION_NO | Unique external transaction no   |
| 14    | FROMAC_ENTRY_TYPE :<br>#FROMAC_ENTRY_TYPE   | Debit/Credit                     |

Table 2-5 (Cont.) PMISORftOutService

| Sl.no | Tag Name                                    | Tag description                                 |
|-------|---------------------------------------------|-------------------------------------------------|
| 15    | FROM_ACC_NO : #FROM_ACC_NO                  | Account no                                      |
| 16    | FROM_ACC_IBAN : #FROM_ACC_IBAN              | Account with Institution                        |
| 17    | FROM_BIC_CODE : #FROM_BIC_CODE              | Bic code                                        |
| 18    | FROM_ACC_BAL : #FROM_ACC_BAL                | Child account balance                           |
| 19    | FROM_ACC_BRANCH :<br>#FROM_ACC_BRANCH       | Child account branch                            |
| 20    | FROM_ACC_DESC : #FROM_ACC_DESC              | Child account description                       |
| 21    | FROM_ACC_CCY : #FROM_ACC_CCY                | Child account currency                          |
| 22    | FROM_ACC_POST_BAL :<br>#FROM_ACC_POST_BAL   | Child account post sweep balance                |
| 23    | FROM_AMOUNT : #FROM_AMOUNT                  | Child account sweep amount                      |
| 24    | FX_RATE : #FX_RATE                          | FxRate                                          |
| 25    | IS_TWOWAY : #IS_TWOWAY                      | Sweep direction                                 |
| 26    | LOG_TIME : #LOG_TIME                        | Sweep log time                                  |
| 27    | TO_ACC : #TO_ACC                            | Parent account number                           |
| 28    | TO_ACC_NO : #TO_ACC_NO                      | Parent account number                           |
| 29    | TO_ACC_DESC : #TO_ACC_DESC                  | Parent account number description               |
| 30    | TO_ACC_IBAN : #TO_ACC_IBAN                  | Iban account                                    |
| 31    | TO_BIC_CODE : #TO_BIC_CODE                  | Bic code                                        |
| 32    | TO_ACC_BAL : #TO_ACC_BAL                    | Sweep amount                                    |
| 33    | TO_ACC_BRANCH : #TO_ACC_BRANCH              | Parent account branch                           |
| 34    | TO_ACC_CCY : #TO_ACC_CCY                    | Parent account currency                         |
| 35    | TO_AMOUNT : #TO_AMOUNT                      | Sweep amount                                    |
| 36    | TO_FCY_AMOUNT : #TO_FCY_AMOUNT              | Sweep amount in account currency                |
| 37    | FROM_ACC_LCY : #FROM_ACC_LCY                | Sweep amount in local currency                  |
| 38    | TO_ACC_LCY : #TO_ACC_LCY                    | Sweep amount in local currency                  |
| 39    | FROMAC_FCYAMOUNT :<br>#FROMAC_FCYAMOUNT     | Sweep amount in child account currency          |
| 40    | FROMAC_LCYAMOUNT :<br>#FROMAC_LCYAMOUNT     | Sweep amount in child account local<br>currency |
| 41    | TOEXRATE : #TOEXRATE                        | Parent account exchange currency                |
| 42    | FROMEXRATE : #FROMEXRATE                    | Child account exchange currency                 |
| 43    | FROM_HOST_CODE :<br>#FROM_HOST_CODE         | Host code                                       |
| 44    | TO_HOST_CODE : #TO_HOST_CODE                | Host code                                       |
| 45    | FROM_CUSTOMER_NO :<br>#FROM_CUSTOMER_NO     | Child customer number                           |
| 46    | TO_CUSTOMER_NO :<br>#TO_CUSTOMER_NO         | Parent customer number                          |
| 47    | FROM_CUSTOMER_NAME :<br>#FROM_CUSTOMER_NAME | Child customer name                             |
| 48    | TO_CUSTOMER_NAME :<br>#TO_CUSTOMER_NAME     | Parent customer name                            |
| 49    | CUSTOMER_NO : #CUSTOMER_NO                  | Customer number                                 |
| 50    | TRNCODE : #TRNCODE                          | Transaction code                                |

## 2.3 Oracle Banking Virtual Account Management Integration

This topic provides the integration account management for Oracle Banking Virtual Account Management.

**Table 2-6 Oracle Banking Virtual Account Management Integration**

| SI.No | Provider System | Service URL                                                                           | Service Description | Remarks                                                    |
|-------|-----------------|---------------------------------------------------------------------------------------|---------------------|------------------------------------------------------------|
| 1     | OBVAM           | http://host:port/api-gateway/obvam-account-services/service/sweepandvaluedatedbalance | Balance Fetch       | Service API used for Balance Fetch                         |
| 2     | OBVAM           | http://host:port/api-gateway/obvam-transaction-journal-services/service/txns          | Accounting Hand-off | Service API which is used for Accounting Hand off to OBVAM |

### VamIm Account Event:

- A Kafka event is raised on creation/modification of a Virtual Account with Liquidity Management Allowed flag as yes.
- This event is consumed at Oracle Banking Liquidity Management which creates the customer if not already present and the virtual accounts.

## 2.4 Oracle Banking Accounts Integration

This topic provides the integration account management for Oracle Banking Accounts.

Oracle Banking Accounts services listed below are required for Oracle Banking Liquidity Management integration. Make sure that the following services are available before the implementation:

**Table 2-7 List of Integration Services**

| SI.No | Provider System | Service URL                                                                                                | Service Description       | Remarks                                                  |
|-------|-----------------|------------------------------------------------------------------------------------------------------------|---------------------------|----------------------------------------------------------|
| 1     | OBA             | http://host:port/obcdda-pp-transaction-batch-services/service/v14.8.2.0.0/balancequery                     | Value Dated Balance Fetch | Service API which is used to Fetch Balance from OBA      |
| 2     | OBA             | http://host:port/obcdda-pp-transaction-balance-service/service/v14.8.1.0.0/transactions/accountings        | Accounting Hand-off       | Service API which is used for Accounting Hand off to OBA |
| 3     | OBA             | http://host:port/obcdda-pp-transaction-balance-service/service/v14.8.1.0.0/transactions/amountBlocks       | Amount Block              | Service API which is used for amount blocks request      |
| 4     | OBA             | http://host:port/obcdda-pp-transaction-balance-service/service/v14.8.2.0.0/transactions/liquidity/response | Amount Block Status       | Service API which is used for amount blocks status       |

Table 2-7 (Cont.) List of Integration Services

| SI.No | Provider System | Service URL                                                                                                  | Service Description             | Remarks                                                        |
|-------|-----------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|----------------------------------------------------------------|
| 5     | OBA             | http://host:port/obcdda-pp-transaction-balance-service/service/v14.8.2.0.0/transactions/amountBlocks/release | Undo Amount Block               | Service API which is used to reverse the amount blocks request |
| 6     | OBA             | http://host:port/obcdda-pp-transaction-balance-service/service/v14.8.2.0.0/balances/.search                  | Current Available Balance Fetch | Service API which is used to Fetch Balance from OBA            |
| 7     | OBA             | http://host:port/obcdda-pp-account-services/service/v14.8.2.0.0/accountservices/externalaccountvalidation    | External Account Validation     | Service API which is used to validate External Account         |

## 2.5 Oracle Banking Treasury Management Integration

This topic provides the integration for Oracle Banking Treasury Management.

Table 2-8 Oracle Banking Treasury Management Integration

| SI.No | Provider System | Service URL                                       | Service Description | Remarks                                                   |
|-------|-----------------|---------------------------------------------------|---------------------|-----------------------------------------------------------|
| 1     | OBTR            | http://host:port/OBTRMMService/OBTRMMService?WSDL | CreateMMContractFS  | Service API which is used to create money market contract |

## 2.6 Request Payload Samples

This topic describes about the payload sample request for Oracle Banking Liquidity Management Integration.

### Oracle FLEXCUBE Universal Banking

#### Oracle FLEXCUBE Universal Banking Balance Fetch

```
<soapenv:Envelope
  xmlns:soapenv='http://schemas.xmlsoap.org/soap/envelope/'
  xmlns:fcub='http://fcubs.ofss.com/service/
FCUBScoreService'><soapenv:Header/><soapenv:Body><QUERYSTACCBAL_I0FS_REQ
  xmlns="http://fcubs.ofss.com/service/FCUBScoreService">
    <FCUBS_HEADER>
      <SOURCE>OBLM</SOURCE>
      <UBSCOMP>FCUBS</UBSCOMP>
      <USERID>RAGHAV_AUTH</USERID>
      <BRANCH>$body.branchCode</BRANCH>
      <MODULEID>ST</MODULEID>
      <SERVICE>FCUBScoreService</SERVICE>
      <OPERATION>QuerySTAccBal</OPERATION>
```

```

        <DESTINATION>FCUBS</DESTINATION>
    </FCUBS_HEADER>
    <FCUBS_BODY>
    <Master-IO>
    <REFNO>$body.refNo</REFNO>
    #foreach($account in $body.accounts)
    <Input>
    <ACCNO>$account.accno</ACCNO>
    <TRNDT>$account.trndt</
TRNDT>
    #if(!$custom.isNull($account.balancetype))
    <BALANCETYPE>$account.balancetype</
BALANCETYPE>
    #end
    <BRANCH>$account.branch</BRANCH>
    </Input>
    #end
    </Master-IO>
    </FCUBS_BODY></QUERYSTACCBAL_IOFS_REQ></soapenv:Body></
soapenv:Envelope>

```

### Oracle FLEXCUBE Universal Banking Accounting Handoff

```

<soapenv:Envelope
    xmlns:soapenv='http://schemas.xmlsoap.org/soap/envelope/'
    xmlns:fcub='http://fcubs.ofss.com/service/FCUBScoreService'>
    <soapenv:Header/>
    <soapenv:Body>
    <CREATEEXTACCECAENTRIES_FSFS_REQ
    xmlns="http://fcubs.ofss.com/service/FCUBSIFService">
    <FCUBS_HEADER>
    <SOURCE>EXTSYS</SOURCE>
    <UBSCOMP>FCUBS</UBSCOMP>
    <SYSTEM>FCUBS</SYSTEM>
    <MSGID>$body.messageId</MSGID>
    <USERID>RAGHAV_AUTH</USERID>
    <BRANCH>$body.acentries[0].acBranch</BRANCH>
    <MODULEID>IF</MODULEID>
    <SERVICE>FCUBSIFService</SERVICE>
    <OPERATION>CreateExtAccEcaEntries</OPERATION>
    <DESTINATION>FCUBS</DESTINATION>
    </FCUBS_HEADER>
    <FCUBS_BODY>
    <Acc-Entry-Master-Full>
    <UNIQUEEXTREFNO>$body.messageId</UNIQUEEXTREFNO>
    <TRNREFNO>$body.messageId</TRNREFNO>
    #foreach($acentry in $body.acentries)

    <Acc-Entry-Details>
    <DRCRIND>$acentry.drcrInd</DRCRIND>
    <TRNREFNO>$body.messageId</TRNREFNO>
    #if(!$custom.isNull($acentry.event))
    <EVENT>$acentry.event</EVENT>
    #end
    <EXCHRATE>1</EXCHRATE>
    
```

```

<EVENTSRNO>$acentry.eventSrNo</EVENTSRNO>
<VALUEDT>$acentry.valueDt</VALUEDT>
#if (!$custom.isNull($acentry.module))
<MODULE>$acentry.module</MODULE>
#end
#if (!$custom.isNull($acentry.amtTag))
<AMTTAG>$acentry.amtTag</AMTTAG>
#end
<ACCCY>$acentry.acccy</ACCCY>
#if (!$custom.isNull($acentry.fcyAmt))
<FCYAMT>$acentry.fcyAmt</FCYAMT>
#end

<ACBRANCH>$acentry.acBranch</ACBRANCH>
<ACNO>$acentry.acNo</ACNO>
<LCYAMT>$acentry.lcyAmt</LCYAMT>
<TRNCODE>000</TRNCODE>
</Acc-Entry-Details>
#end

<Acc-Mis/>
</Acc-Entry-Master-Full>
</FCUBS_BODY>
</CREATEEXTACCECAENTRIES_FSFS_REQ>
</soapenv:Body></soapenv:Envelope>

```

### CreateEcablk(RTL)

```

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
  <env:Header />
  <env:Body>
    <CREATEECABLK_FSFS_REQ
      xmlns="http://fcubs.ofss.com/service/FCUBSCAService">
      <FCUBS_HEADER>
        <SOURCE>EXTSYS</SOURCE>
        <UBSCOMP>FCUBS</UBSCOMP>
        <USERID>$body.userId</USERID>
        <BRANCH>$body.branch</BRANCH>
        <SERVICE>FCUBSCAService</SERVICE>
        <OPERATION>CreateEcablk</OPERATION>
      </FCUBS_HEADER>
      <FCUBS_BODY>
        <Eca-Master-Full>
          <CREATEEXTREFNO>$body.createExtRefNo</CREATEEXTREFNO>
          <UPDASERRIFANYFAIL>N</UPDASERRIFANYFAIL>
          <BRN>$body.branch</BRN>
          <REFERRALALLOWED>N</REFERRALALLOWED>
          <Eca-Detail>
            <CUSTACNO>$body.custAcNo</CUSTACNO>
            <CUSTACBRN>$body.branch</CUSTACBRN>
            <CUSTACCCY>$body.custAcCcy</CUSTACCCY>
            <PARTIALBLKREQD>Y</PARTIALBLKREQD>
            <REQBLKAMT>$body.reqBlkAmt</REQBLKAMT>
          </Eca-Detail>
        </Eca-Master-Full>
      </FCUBS_BODY>
    </CREATEECABLK_FSFS_REQ>
  </env:Body>
</env:Envelope>

```

```

        </Eca-Master-Full>
    </FCUBS_BODY>
</CREATEECABLK_FSFS_REQ>
</env:Body>
</env:Envelope>

```

### CloseEcablk(RTL)

```

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
    <env:Header />
    <env:Body>
        <CLOSEECABLK_FSFS_REQ xmlns="http://fcubs.ofss.com/service/
FCUBSCAService">
            <FCUBS_HEADER>
                <SOURCE>EXTSYS</SOURCE>
                <UBSCOMP>FCUBS</UBSCOMP>
                <USERID>$body.userId</USERID>
                <BRANCH>$body.branch</BRANCH>
                <SERVICE>FCUBSCAService</SERVICE>
                <OPERATION>CloseEcablk</OPERATION>
            </FCUBS_HEADER>
            <FCUBS_BODY>
                <Eca-Master-Full>
                    <UNDOEXTREFNO>$body.undoExtRefNo</UNDOEXTREFNO>
                    <ECAREFNO>$body.ecaRefNo</ECAREFNO>
                    <Eca-Detail>
                        <CUSTACNO>$body.custAcNo</CUSTACNO>
                        <CUSTACBRN>$body.custAcBrch</CUSTACBRN>
                    </Eca-Detail>
                </Eca-Master-Full>
            </FCUBS_BODY>
        </CLOSEECABLK_FSFS_REQ>
    </env:Body>
</env:Envelope>

```

### CreateRTLResponse(RTL)

```

<?xml version="1.0" encoding="UTF-8"?>
<env:Envelope xmlns:env="http://schemas.xmlsoap.org/soap/envelope/">
    <env:Header />
    <env:Body>
        <CREATERTLRESPONSE_FSFS_REQ xmlns="http://fcubs.ofss.com/service/
FCUBSCAService">
            <FCUBS_HEADER>
                <SOURCE>EXTSYS</SOURCE>
                <UBSCOMP>FCUBS</UBSCOMP>
                <USERID>$body.userId</USERID>
                <BRANCH>$body.branch</BRANCH>
                <MODULEID>IF</MODULEID>
                <SERVICE>FCUBSCAService</SERVICE>
                <OPERATION>CreateRTLResponse</OPERATION>
                <SOURCE_OPERATION>CreateRTLResponse</SOURCE_OPERATION>
                <FUNCTIONID>IFDRTLRS</FUNCTIONID>
                <ACTION>NEW</ACTION>
            </FCUBS_HEADER>

```

```

        <MSGSTAT>$body.msgStat</MSGSTAT>
    </FCUBS_HEADER>
    <FCUBS_BODY>
        <Rtl-Queue-Full>
            <DDATXNREF>$body.ddaTxnRef</DDATXNREF>
            <RTLREFERENCENO>$body.rtlReferenceNo</RTLREFERENCENO>
            <TXNAMNT>$body.txnAmnt</TXNAMNT>
            <TXNCCY>$body.txnCcy</TXNCCY>
            <RTLSTATUS>$body.rtlStatus</RTLSTATUS>
            <RTLSTATUSMESSAGE>$body.rtlStatusMessage</RTLSTATUSMESSAGE>
        </Rtl-Queue-Full>
    </FCUBS_BODY>
</CREATERTLRESPONSE_FSFS_REQ>
</env:Body>
</env:Envelope>

```

## Oracle Banking Virtual Account Management

### Balance fetch

```

{
  "sweepandVDBalanceServiceRequestDto": [
    {
      "virtualAccountNumber": "string",
      "valueDate": "string"
    }
  ]
}

```

### Handoff

```

{
  "sourceCode": "string",
  "sourceReferenceNo": "string",
  "vatRequestDetServiceDTO": [
    {
      "drCrInd": "string",
      "txnAccount": "string",
      "txnAccountBrn": "string",
      "txnCcyc": "string",
      "txnAccountCcyc": "string",
      "amtInTxnAccCcyc": 0,
      "txnAmount": 0,
      "txnCode": "string",
      "valueDate": "string",
      "exchRate": 0,
      "reconRefNo": "string",
      "addlText": "string",
      "ecaOrBlockRefNo": "string",
      "ddaOffset": "string",
      "forceDebit": "N",
      "blkReleaseStatus": "string"
    }
  ]
}

```

## Oracle Banking Payments

## PMRftOutService - MT101

```

<FCUBS_REQ_ENV>
  <FCUBS_HEADER>
    <SOURCE>$fcubsheader.source</SOURCE>
    <UBSCOMP>FCUBS</UBSCOMP>
    <MSGID>$fcubsheader.msgid</MSGID>
    <CORRELID></CORRELID>
    <USERID>$fcubsheader.userid</USERID>
    <BRANCH>$fcubsheader.branch</BRANCH>
    <MODULEID>PX</MODULEID>
    <SERVICE>PMRftOutService</SERVICE>
    <OPERATION>CreateRftOut</OPERATION>
    <SOURCE_OPERATION>NEW</SOURCE_OPERATION>
    <SOURCE_USERID></SOURCE_USERID>
    <DESTINATION></DESTINATION>
    <MULTITRIPID></MULTITRIPID>
    <FUNCTIONID></FUNCTIONID>
    <ACTION></ACTION>
    <PASSWORD></PASSWORD>
  </FCUBS_HEADER>
  <FCUBS_BODY>
    <Msg-Out101-Full>
      <REFERENCE_NO>$fcubsbody.msgOut101IO.referenceNo</REFERENCE_NO>
      <HOST_CODE>$fcubsbody.msgOut101IO.hostcode</HOST_CODE>
      <BRANCH_CODE>$fcubsbody.msgOut101IO.branchcode</BRANCH_CODE>
      <CUSTOMER_NO>$fcubsbody.msgOut101IO.customerno</CUSTOMER_NO>
      <RECEIVER>$fcubsbody.msgOut101IO.receiver</RECEIVER>
      <TAG28D_MSGINX>$fcubsbody.msgOut101IO.tag28DMSGINX</TAG28D_MSGINX>
      <TAG28D_MSGTOT>$fcubsbody.msgOut101IO.tag28DMSGTOT</TAG28D_MSGTOT>
      <TAG50_ORD_OPT>$fcubsbody.msgOut101IO.tag50ORDOPT</TAG50_ORD_OPT>
      <TAG50_ORD_ACC>$fcubsbody.msgOut101IO.tag50ORDACC</TAG50_ORD_ACC>
      <TAG50_ORD_ADD1>$fcubsbody.msgOut101IO.tag50ORDADD1/add1</
TAG50_ORD_ADD1>
      <TAG50_ORD_ADD2>$fcubsbody.msgOut101IO.tag50ORDADD2</TAG50_ORD_ADD2>
      <TAG50_ORD_ADD3>$fcubsbody.msgOut101IO.tag50ORDADD3</TAG50_ORD_ADD3>
      <TAG30>$fcubsbody.msgOut101IO.tag30</TAG30>
      <TAG25>$fcubsbody.msgOut101IO.tag25</TAG25>
      <SOURCE_CODE>$.</SOURCE_CODE>
      #foreach($msgoutdetails in $fcubsbody.msgOut101IO.msgOut101Detail)
    <Msg-Out101-Detail>
      <TAG57_AWI_OPT>$msgoutdetails.tag57AWIOPT</TAG57_AWI_OPT>
      <TAG57_AWI_BIC>$msgoutdetails.tag57AWIBIC</TAG57_AWI_BIC>
      <TAG59_ACC>$msgoutdetails.tag59ACC</TAG59_ACC>
      <TAG59_ADD1>$msgoutdetails.tag59ADD1/add1</TAG59_ADD1>
      <TAG71A>$msgoutdetails.tag71A</TAG71A>
      <TAG23E_LINE1>$msgoutdetails.tag23ELINE1</TAG23E_LINE1>
      <TAG32B_CCY>$msgoutdetails.tag32BCCY</TAG32B_CCY>
      <TAG32B_AMOUNT>$msgoutdetails.tag32BAMOUNT</TAG32B_AMOUNT>
    </Msg-Out101-Detail>
      #end
    </Msg-Out101-Full>
  </FCUBS_BODY>
</FCUBS_REQ_ENV>

```

```
</FCUBS_BODY>
</FCUBS_REQ_ENV>
```

### PMSinglePayOutService - MT103

```
<soapenv:Envelope
  xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:pms="http://pmts.ofss.com/ws/
PMSinglePayOutService"><soapenv:Header/
><soapenv:Body><pms:CreatePMSinglePayOut_FSFS_REQ
  xmlns:pms="http://pmts.ofss.com/ws/PMSinglePayOutService">
  <pms:FCUBS_HEADER>
  <pms:SOURCE>$body.source</pms:SOURCE>
  <pms:UBSCOMP>$body.ubscomp</pms:UBSCOMP>
  <pms:MSGID>$body.msgid</pms:MSGID>
  <pms:CORRELID>$body.correlid</pms:CORRELID>
  <pms:USERID>$body.userid</pms:USERID>
  <pms:BRANCH>$body.branch</pms:BRANCH>
  <pms:MODULEID>$body.moduleid</pms:MODULEID>
  <pms:SERVICE>PMSinglePayOutService</pms:SERVICE>
  <pms:OPERATION>CreatePMSinglePayOut</pms:OPERATION>
  <pms:SOURCE_OPERATION>NEW</pms:SOURCE_OPERATION>
  <pms:SOURCE_USERID></pms:SOURCE_USERID>
  <pms:DESTINATION></pms:DESTINATION>
  <pms:MULTITRIPID></pms:MULTITRIPID>
  <pms:FUNCTIONID></pms:FUNCTIONID>
  <pms:ACTION></pms:ACTION>
  <pms:PASSWORD></pms:PASSWORD>
  </pms:FCUBS_HEADER>
  <pms:FCUBS_BODY>
  <pms:CstmrCdtTrfInitn>
  <pms:GrpHdr>
  <pms:MsgId>$body.GrpHdr_MsgId</pms:MsgId>
  <pms:CreDtTm>$body.GrpHdr_CreDtTm</pms:CreDtTm>
  <pms:Authstn/>
  <pms:NbOfTx>$body.GrpHdr_NbOfTx</pms:NbOfTx>
  <pms:InitgPty/> </pms:GrpHdr>
  <pms:PmtInf>
  <pms:PmtInfId>$body.PmtInf_PmtInfId</pms:PmtInfId>
  <pms:PmtMtd>$body.PmtInf_PmtMtd</pms:PmtMtd>
  <pms:PmtTpInf>
  <pms:InstrPrty>$body.PmtInf_PmtTpInf_InstrPrty</
pms:InstrPrty>
  <pms:SvcLvl>
  <pms:Cd>$body.PmtInf_PmtTpInf_SvcLvl_Cd</pms:Cd>
  </pms:SvcLvl>
  <pms:CtgyPurp>
  <pms:Cd>$body.CtgyPurp_Cd</pms:Cd>
  </pms:CtgyPurp>
  </pms:PmtTpInf>
  <pms:ReqdExctnDt>$body.PmtInf_ReqdExctnDt</pms:ReqdExctnDt>
  <pms:Dbtr>
  <pms:Nm>$body.PmtInf_Dbtr_Nm</pms:Nm>
  <pms:PstlAdr/>
  <pms:Id>
```

```

        <pms:OrgId>
        <pms:ClrSysMmbId/>
        <pms:Othr>
        <pms:Id>$body.PmtInf_Dbtr_Id_OrgId_Othr_Id</
pms:Id>
        <pms:SchmeNm>
        <pms:Cd>$body.PmtInf_Dbtr_Id_OrgId_Othr_SchmeNm_Cd</
pms:Cd>
        </pms:SchmeNm>
        </pms:Othr>
        </pms:OrgId>
        </pms:Id>
        </pms:Dbtr>
        <pms:DbtrAcct>
        <pms:Id>
        <pms:Othr>
        <pms:Id>$body.PmtInf_DbtrAcct_Id_Othr_Id</pms:Id>
        </pms:Othr>
        </pms:Id>
        </pms:DbtrAcct>
        <pms:DbtrAgt>
        #if(!$custom.isNull($body.PmtInf_DbtrAgt_BICFI))
        <pms:BICFI>$body.PmtInf_DbtrAgt_BICFI</pms:BICFI>
        #end
        </pms:DbtrAgt>
        <pms:DbtrAgtAcct>
        <pms:Id>
        <pms:Othr>
        <pms:Id>$body.PmtInf_DbtrAgtAcct_Id_Othr_Id</pms:Id>
        </pms:Othr>
        </pms:Id>
        </pms:DbtrAgtAcct>
        <pms:ChrgBr>$body.PmtInf_chrgBr_cd</pms:ChrgBr>
        <pms:CdtTrfTxInf>
        <pms:PmtId>
        <pms:InstrId>$body.CdtTrfTxInf_PmtId_InstrId</
pms:InstrId>
        <pms:EndToEndId>$body.CdtTrfTxInf_PmtId_EndToEndId</
pms:EndToEndId>
        </pms:PmtId>
        <pms:Amt>
        <pms:InstdAmt
Ccy="$body.CdtTrfTxInf_Amt_InstdAmt_Ccy">$body.CdtTrfTxInf_Amt_InstdAmt_value<
/pms:InstdAmt>
        <pms:EqvtAmt/>
        </pms:Amt>
        <pms:IntrmyAgt1>
        <pms:PstlAdr/>
        </pms:IntrmyAgt1>
        <pms:CdtrAgt>
        #if(!$custom.isNull($body.CdtTrfTxInf_CdtrAgt_BICFI))
        <pms:BICFI>$body.CdtTrfTxInf_CdtrAgt_BICFI</
pms:BICFI>
        #end
        <pms:PstlAdr/>

```

```

        </pms:CdtrAgt>
        <pms:CdtrAgtAcct>
        <pms:Id>
        <pms:Othr/>
        </pms:Id>
        </pms:CdtrAgtAcct>
        <pms:Cdtr>
        <pms:Nm>$body.CdtTrfTxInf_Cdtr_Nm</pms:Nm>
        <pms:PstlAdr/>
        </pms:Cdtr>
        <pms:CdtrAcct>
        <pms:Id>
        <pms:Othr>
        <pms:Id>$body.CdtTrfTxInf_CdtrAcct_Id_Othr_Id</
pms:Id>
        </pms:Othr>
        </pms:Id>
        </pms:CdtrAcct>
        </pms:CdtTrfTxInf>
        <pms:CustcrdtrfinitAddinf>
        <pms:BeneficiaryInst/>
        <pms:BeneficiaryInstAcct>
        <pms:Id>
        <pms:Othr/>
        </pms:Id>
        </pms:BeneficiaryInstAcct>
        </pms:CustcrdtrfinitAddinf>
        <pms:Misdetails/>
        </pms:PmtInf>
        <pms:GrpTlr>
        <pms:TxnBranch>$body.GrpTlr_TxnBranch</pms:TxnBranch>
        <pms:HostCode>$body.GrpTlr_HostCode</pms:HostCode>
        <pms:SourceCode>$body.GrpTlr_SourceCode</pms:SourceCode>
        <pms:NetworkCode>$body.GrpTlr_NetworkCode</pms:NetworkCode>
        <pms:PrefundedPayments>$body.GrpTlr_PrefundedPayments</
pms:PrefundedPayments>
        <pms:TransferType>$body.GrpTlr_TransferType</pms:TransferType>
        </pms:GrpTlr>
        </pms:CstmrCdtTrfInitn>
        </pms:FCUBS_BODY></pms:CreatePMSinglePayOut_FSFS_REQ></soapenv:Body></
soapenv:Envelope>

```

## Oracle Banking Digital Experience

### Execute Sweep Structure

```

{
    "overridePending": "N",
    "allowMbccAccountPair": "N",
    "mode": "A",
    "structureList": [
        {
            "structureId": "ST20217167444516010503",
            "versionNumber": 1
        }
    ]
}

```

```
    ]
  }
}
```

### Create Sweep Structure

```
{
  "data": [
    {
      "headerAccountNumber": "HEL0046400178",
      "endDate": "2022-07-01",
      "currencyRateType": "STANDARD",
      "backwardTreatment": "N",
      "balanceType": "V",
      "versionNo": 1,
      "centralAccountNumber": null,
      "allowSweepOnCurrencyHol": "Y",
      "holidayTreatment": "P",
      "structureStatus": "A",
      "struturePriority": 25,
      "fxRatePickup": "Offline",
      "headerCurrency": "GBP",
      "reallocationMethod": "No Reallocation",
      "maxBackwardDays": 2,
      "LmmTmStructureDetailsDTO": [
        {
          "reverseSweepFrequency": null,
          "percentageShare": 0,
          "accountCurrency": "GBP",
          "bookingAccountCurrency": "GBP",
          "rateType": "STANDARD",
          "isTwoWay": "Y",
          "structureMasterId": "",
          "LmmTmStructureInstructionDTO": [],
          "isExternal": "Internal",
          "accountType": "Sweep",
          "accountLevel": 0,
          "branchCode": "HEL",
          "isNotional": "N",
          "reallocationMethod": null,
          "bookingAccountNumber": "HEL0046400178",
          "sweepPriority": null,
          "bookingAccountBranch": "HEL",
          "parentAccountBranch": null,
          "isNominatedAccount": "Y",
          "accountNumber": "HEL0046400178",
          "parentAccountNumber": null,
          "accCategory": "Sweep",
          "parentAccountCurrency": null
        },
        {
          "reverseSweepFrequency": "FM2341112",
          "percentageShare": 0,
          "accountCurrency": "GBP",
          "bookingAccountCurrency": "GBP",
          "rateType": "STANDARD",

```

```

        "isTwoWay": "Y",
        "structureMasterId": "",
        "LmmTmTempStructurePriorityDTO": [
            {
                "id": "",
                "structureMasterId": "",
                "structureId": "STG5MWB4PS39",
                "structurePriority": 1
            }
        ]

        "LmmTmStructureInstructionDTO": [
            {
                "structureDetailsId": "",
                "LmmTmStructureInstructionDetDTO": [
                    {
                        "structureInstructionId": "",
                        "paramName": "Maximum",
                        "paramValue": "4000"
                    },
                    {
                        "structureInstructionId": "",
                        "paramName": "MaximumDeficit",
                        "paramValue": "1000"
                    },
                    {
                        "structureInstructionId": "",
                        "paramName": "Minimum",
                        "paramValue": "1"
                    },
                    {
                        "structureInstructionId": "",
                        "paramName": "MinimumDeficit",
                        "paramValue": "100"
                    },
                    {
                        "structureInstructionId": "",
                        "paramName": "Multiple",
                        "paramValue": "10"
                    }
                ],
                "instrDesc": "Zero Balance Model",
                "instructionPriority": 1,
                "LmmTmStructureInstructionFrequencyDTO": [
                    {
                        "frequencyId": "FM2341112",
                        "structureInstructionId": "",
                        "freqDesc": null
                    }
                ],
                "instructionId": "TEST22"
            }
        ],
        "isExternal": "Internal",
        "accountType": "Sweep",
        "accountLevel": 1,

```

```

        "branchCode": "HEL",
        "isNotional": "N",
        "reallocationMethod": null,
        "bookingAccountNumber": "HEL0046400067",
        "sweepPriority": 1,
        "bookingAccountBranch": "HEL",
        "parentAccountBranch": "HEL",
        "isNominatedAccount": "Y",
        "accountNumber": "HEL0046400067",
        "parentAccountNumber": "HEL0046400178",
        "accCategory": "Sweep",
        "parentAccountCurrency": "GBP"
    }
],
"centralAccountCurrency": null,
"sourceSystem": "OBDX",
"structureDescription": "Sweep 19721",
"systemAccountCurrency": null,
"systemAccountBranch": null,
"LmmTmStructureAccountsDTO": [
    {
        "isExternal": "Internal",
        "accountCurrency": "GBP",
        "accountNumber": "HEL0046400178",
        "isNotional": "N",
        "isSelected": "Y",
        "accCategory": "Sweep",
        "accountBranch": "HEL"
    },
    {
        "isExternal": "Internal",
        "accountCurrency": "GBP",
        "accountNumber": "HEL0046400067",
        "isNotional": "N",
        "isSelected": "Y",
        "accCategory": "Sweep",
        "accountBranch": "HEL"
    }
],
"customerId": "000464",
"systemAccountNumber": null,
"considerPostSweepBalance": "Y",
"ratePickUp": "Previous Day Rate",
"structureId": "STG5MWB4PS39",
"multiBankFlag": true,
"centralAccountBranch": null,
"structureType": "Sweep",
"headerBranchCode": "HEL",
"interestMethod": "I",
"effectiveDate": "2018-07-19"
}
]
}

```

**Modify Sweep Structure**

```

{
  "data": [
    {
      "keyId": "40e011ff-0ff7-4f8c-a70b-aa01fed8ca59",
      "makerId": "OBDX02",
      "makerDateStamp": "2018-11-30T11:12:24.000+00:00",
      "checkerId": "OBDX02",
      "checkerDateStamp": "2018-11-30T11:12:24.000+00:00",
      "modNo": 1,
      "recordStatus": "0",
      "authStatus": "A",
      "onceAuth": "Y",
      "doerRemarks": null,
      "approverRemarks": null,
      "links": [],
      "structureId": "STG5MWB4PS39",
      "structureDescription": "Sweep 19721",
      "customerId": "000464",
      "customerName": "XXX XXXXXX",
      "numberOfAccountsLinked": 2,
      "structureType": "Sweep",
      "structurePriority": 25,
      "effectiveDate": "2018-07-19",
      "endDate": "2022-07-01",
      "headerAccountNumber": "HEL0046400178",
      "headerBranchCode": "HEL",
      "headerCurrency": "GBP",
      "multiBankFlag": "N",
      "crossBorderFlag": "N",
      "crossCurrencyFlag": "N",
      "balanceType": "V",
      "structureFrequency": null,
      "currencyRateType": "STANDARD",
      "allowSweepOnCurrencyHol": "Y",
      "interestMethod": "I",
      "ratePickUp": "Previous Day Rate",
      "nextRunDate": null,
      "eodExecution": null,
      "reverseFrequency": null,
      "instructionType": null,
      "reallocationMethod": "No Reallocation",
      "holidayTreatment": "P",
      "maxBackwardDays": 2,
      "backwardTreatment": "N",
      "centralAccountNumber": null,
      "centralAccountBranch": null,
      "centralAccountCurrency": null,
      "nextRunDateReverse": null,
      "prevRunDateReverse": null,
      "structureStatus": "A",
      "investmentSweep": null,
      "considerPostSweepBalance": "Y",
      "fxRatePickup": "Offline",
      "limitTrackingFlag": null,
    }
  ]
}

```

```

"sourceSystem": "OBDX",
"systemAccountNumber": null,
"systemAccountBranch": null,
"systemAccountCurrency": null,
"pauseStartDate": "2021-07-01",
"pauseEndDate": "2021-10-01",
"action": "NEW",
"versionNo": 1,
"isSimulation": "N",
"simulationId": null,
"exStrId": null,
"callFromValidate": false,
"bodExecution": null,
"revFreqEodExecution": null,
"revFreqBodExecution": null,
"isDirty": "Y",
"lastSuccessfulSweepDate": null,
"batchStatus": null,
"trackIcl": null,
"LmmTmTempStructurePriorityDTO": [
  {
    "id": "988509491913613315",
    "structureMasterId": "40e011ff-0ff7-4f8c-a70b-aa01fed8ca59",
    "structureId": "STG5MWB4PS39",
    "structurePriority": 1
  }
]
"LmmTmStructureDetailsDTO": [
  {
    "id": "1883ba34-0575-4177-8422-c52616c3bab4",
    "structureMasterId": "40e011ff-0ff7-4f8c-a70b-aa01fed8ca59",
    "accountNumber": "HEL0046400067",
    "accountDescription": "ALL SPORTS",
    "branchCode": "HEL",
    "accountCurrency": "GBP",
    "isExternal": "Internal",
    "acyAvailableBal": 2500,
    "bankCode": "0020",
    "countryId": "AUS",
    "cityId": "Sydney",
    "region": "America/Detroit",
    "latitude": -33.92,
    "longitude": 151.1852,
    "isNotional": "N",
    "accCategory": "Sweep",
    "parentAccountNumber": "HEL0046400178",
    "parentAccountBranch": "HEL",
    "parentAccountCurrency": "GBP",
    "bookingAccountNumber": "HEL0046400067",
    "bookingAccountBranch": "HEL",
    "bookingAccountCurrency": "GBP",
    "rateType": "STANDARD",
    "accountType": "Sweep",
    "sweepPriority": 1,
    "isTwoWay": "Y",
    "reverseSweepFrequency": "FM2341112",

```

```

        "twowaySweepPriority": null,
        "onlineBalanceFetch": null,
    "partialReverseSweep": null,
        "isHold": null,
        "eodExecution": null,
        "ratePickUp": null,
        "reallocationRequired": null,
        "reallocationMethod": null,
        "allowReverseSweep": null,
        "isNominatedAccount": "Y",
        "accountLevel": 1,
        "centralAccountNumber": null,
        "centralAccountBranch": null,
        "centralAccountCurrency": null,
        "percentageShare": 0,
        "percentageChildShare": null,
        "partialTransferAllowed": null,
        "holdStartDate": null,
        "holdEndDate": null,
        "isVirtual": "N",
        "oneWayAccountGroup": null,
        "twoWayAccountGroup": null,
        "isRegulatedDebits": "N",
        "entityID": "HEL_ENTITY",
        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX",
        "LmmTmStructureInstructionDTO": [
            {
                "id": "2c83f188-240f-4e79-9fc6-452e00bf5f47",
                "structureDetailsId": "1883ba34-0575-4177-8422-c52616c3bab4",
                "instructionId": "TEST22",
                "instrDesc": "Zero Balance Model",
                "instructionPriority": 1,
                "suspensionStartDate": null,
                "suspensionEndDate": null,
                "LmmTmStructureInstructionFrequencyDTO": [
                    {
                        "id": "b38012af-9a09-49c0-90bb-3fa8f4d05368",
                        "structureInstructionId":
"2c83f188-240f-4e79-9fc6-452e00bf5f47",
                        "frequencyId": "FM2341112",
                        "freqDesc": "FM2341112"
                    }
                ],
                "LmmTmStructureInstructionDetDTO": [
                    {
                        "id": "70557117-7bd6-41c7-850f-2d634325b84b",
                        "structureInstructionId":
"2c83f188-240f-4e79-9fc6-452e00bf5f47",
                        "paramName": "MinimumDeficit",
                        "paramValue": "100"
                    }
                ],
                {
                    "id": "4465bf7e-4a64-42f9-b56a-d49c7b3185fe",
                    "structureInstructionId":

```

```

    "2c83f188-240f-4e79-9fc6-452e00bf5f47",
      "paramName": "Multiple",
      "paramValue": "10"
    },
    {
      "id": "591a3a02-fcac-4b92-bcd5-809f33eeacc5",
      "structureInstructionId":
    "2c83f188-240f-4e79-9fc6-452e00bf5f47",
      "paramName": "Maximum",
      "paramValue": "4000"
    },
    {
      "id": "3bb941c7-f55c-4a98-9b68-d14942c93b85",
      "structureInstructionId":
    "2c83f188-240f-4e79-9fc6-452e00bf5f47",
      "paramName": "Minimum",
      "paramValue": "1"
    },
    {
      "id": "b4d48a90-1cf3-49e9-a3ee-47508fa3d3e1",
      "structureInstructionId":
    "2c83f188-240f-4e79-9fc6-452e00bf5f47",
      "paramName": "MaximumDeficit",
      "paramValue": "1000"
    }
  ]
},
"LmmTmStructurePaymentDTO": [
  {
    "id": "b3278ecd-50f7-4b74-b314-d02cb56fc226",
    "structureDetailsId": "1883ba34-0575-4177-8422-c52616c3bab4",
    "sweepDirection": "Toway",
    "interfaceMasterId": "2b274af6-2f1f-4892-b1c5-bc0f3e75ea09",
    "LmmTmStructurePaymentDetailDTO": [
      {
        "id": "66ac2418-d1b2-4996-9746-ab36c63f4678",
        "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
        "paramName": "LCYAMOUNT",
        "paramValue": "#TO_AMOUNT"
      },
      {
        "id": "4390fcca-e372-4172-bc8a-2990c20b5d47",
        "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
        "paramName": "FROM_ACC_LCY",
        "paramValue": "#FROM_ACC_LCY"
      }
    ],
    {
      "id": "9c25e848-12ba-4c9f-bcde-cfe5e2cf1163",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "MODULE",
      "paramValue": "DE"
    }
  ],

```

```

    {
      "id": "010f53ba-3293-4680-a32b-0e4e7a48425f",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "AMOUNTTAG",
      "paramValue": "TXN_AMT1"
    },
    {
      "id": "f7f5b999-ee59-4ffd-a5d3-b88618fb27f5",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "FROM_ACC_BRANCH",
      "paramValue": "#FROM_ACC_BRANCH"
    },
    {
      "id": "2683bbdb-20d2-41ba-b3ae-1b82abcce776",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "TOAC_FCYAMT",
      "paramValue": "#TOAC_FCYAMT"
    },
    {
      "id": "80aaa799-6448-4019-8acf-e3b71dee5829",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "EVENT",
      "paramValue": "INIT"
    },
    {
      "id": "ee5189b5-c654-420e-bf22-cafaaa3e9cdf",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "TRNREFNO",
      "paramValue": "#EXT_TRANSACTION_NO"
    },
    {
      "id": "87b117f2-5a94-481a-b530-50293c5a9018",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "FROM_ACC_CCY",
      "paramValue": "#FROM_ACC_CCY"
    },
    {
      "id": "57eb1a1d-877b-4736-9091-46bcb5d2087f",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "TO_ACC_CCY",
      "paramValue": "#TO_ACC_CCY"
    },
    {
      "id": "ece41aef-1c6f-402b-8f4e-3c4859b28b87",
      "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
      "paramName": "TO_ACC_BRANCH",
      "paramValue": "#TO_ACC_BRANCH"
    },
  },

```

```

{
    "id": "82ddb23c-bc1a-473c-9b3f-bdaa135bb1e4",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "EVENTSRN0",
    "paramValue": "1"
},
{
    "id": "9c52db58-b94a-4e08-b91a-9ae66f715bfc",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "VALUEDT",
    "paramValue": "#VALUE_DT"
},
{
    "id": "6fd645ed-e1d6-4059-ae13-c7b7b5bc7349",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "FROM_ACC",
    "paramValue": "#FROM_ACC"
},
{
    "id": "84c27c7c-9b81-43c8-b20b-855cbe2e51b2",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "TOAC_LCYAMT",
    "paramValue": "#TOAC_LCYAMT"
},
{
    "id": "e26ed62d-e0c5-4a33-b936-8b79d34d8b94",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "AVAILBALREQD",
    "paramValue": "#AVAILBALREQD"
},
{
    "id": "d334ab6d-9314-453f-afb9-af75612bfbb2",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "ENTITY_ID",
    "paramValue": "#ENTITY_ID"
},
{
    "id": "91912e01-67ca-4170-ab8d-110afdda94cf",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "TRNDT",
    "paramValue": "#LOG_TIME"
},
{
    "id": "1ba49b02-2d74-42d7-9eee-f94272f73880",
    "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
    "paramName": "TO_ACC_LCY",
    "paramValue": "#TO_ACC_LCY"
},
}

```

```

        {
            "id": "33857b79-f596-441d-b96f-1d920a4983f6",
            "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
            "paramName": "FCYAMOUNT",
            "paramValue": "#TO_FCY_AMOUNT"
        },
        {
            "id": "9323458b-8659-48f9-87f3-015551734bf6",
            "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
            "paramName": "FROMAC_FCYAMOUNT",
            "paramValue": "#FROMAC_FCYAMOUNT"
        },
        {
            "id": "fb31738c-0bbb-4a49-aa16-050ab60ffd0f",
            "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
            "paramName": "EXCHRATE",
            "paramValue": "#FX_RATE"
        },
        {
            "id": "4b03f4dc-08e9-48c6-aa76-1c7f5bf1fd06",
            "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
            "paramName": "TRNCODE",
            "paramValue": "000"
        },
        {
            "id": "d1646dcc-b60e-452c-9f22-3198ade9a63b",
            "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
            "paramName": "TO_ACC",
            "paramValue": "#TO_ACC"
        },
        {
            "id": "2cf58a66-2895-48c5-9474-34168e487190",
            "structurePaymentId": "b3278ecd-50f7-4b74-b314-
d02cb56fc226",
            "paramName": "FROMAC_LCYAMOUNT",
            "paramValue": "#FROMAC_LCYAMOUNT"
        }
    ]
},
{
    "id": "9df0c2e5-4667-4ef7-adb1-da89b940ffe9",
    "structureDetailsId": "1883ba34-0575-4177-8422-c52616c3bab4",
    "sweepDirection": "Oneway",
    "interfaceMasterId": "2b274af6-2f1f-4892-b1c5-bc0f3e75ea09",
    "LmmTmStructurePaymentDetailDT0": [
        {
            "id": "d0154169-9f45-40cb-9fc3-eee4d5f631a9",
            "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
            "paramName": "MODULE",
            "paramValue": "DE"
        }
    ]
}

```

```

    },
    {
      "id": "743a71c8-791d-4ae1-9359-b4e0ddb04e78",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TOAC_FCYAMT",
      "paramValue": "#TOAC_FCYAMT"
    },
    {
      "id": "9f93b945-4020-44f6-8096-18db67e4af5e",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FROMAC_LCYAMOUNT",
      "paramValue": "#FROMAC_LCYAMOUNT"
    },
    {
      "id": "151b61a9-06ed-46aa-aaae-0939c3cf39cc",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "EXCHRATE",
      "paramValue": "#FX_RATE"
    },
    {
      "id": "bb8f0079-e8e6-4ece-b977-644aaa82f662",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FROMAC_FCYAMOUNT",
      "paramValue": "#FROMAC_FCYAMOUNT"
    },
    {
      "id": "21432c65-ce9e-488e-8f10-41f4240bb8cc",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "VALUEDT",
      "paramValue": "#VALUE_DT"
    },
    {
      "id": "81b7ce68-03d6-46be-b500-274517325485",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TRNREFNO",
      "paramValue": "#EXT_TRANSACTION_NO"
    },
    {
      "id": "5561f633-a93f-4fa4-bd7b-b2ecb0b787c9",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FROM_ACC_CCY",
      "paramValue": "#FROM_ACC_CCY"
    },
    {
      "id": "67babc1d-6853-40b2-915e-aa3f104aed2f",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TOAC_LCYAMT",
      "paramValue": "#TOAC_LCYAMT"
    }
  ]
}

```

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    },
    {
      "id": "7f64aa04-71ce-4d47-a7d4-4a6547495251",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TO_ACC",
      "paramValue": "#TO_ACC"
    },
    {
      "id": "0777f8a2-6827-4d0a-84e7-1c0ac17e04e1",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TO_ACC_CCY",
      "paramValue": "#TO_ACC_CCY"
    },
    {
      "id": "245aec61-63ae-41c8-9991-6438d774b7dc",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TRNCODE",
      "paramValue": "000"
    },
    {
      "id": "42c546fd-87de-4a75-ba4c-ddd2181e0e84",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FROM_ACC_BRANCH",
      "paramValue": "#FROM_ACC_BRANCH"
    },
    {
      "id": "3196a5b4-afd9-4e47-af13-1b0be0e34bbc",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "EVENT",
      "paramValue": "INIT"
    },
    {
      "id": "1ff6d74f-8488-4da6-9a75-3c34d0b92614",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TO_ACC_LCY",
      "paramValue": "#TO_ACC_LCY"
    },
    {
      "id": "722ba682-75db-40da-83d1-a498ed696682",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "AMOUNTTAG",
      "paramValue": "TXN_AMT1"
    },
    {
      "id": "4621dbd6-00f6-4159-8198-a4affc299d69",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "ENTITY_ID",
      "paramValue": "#ENTITY_ID"
    }
  ]
}

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    },
    {
      "id": "a1d7ebdd-62e4-4890-b4cc-847be38a84eb",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "AVAILBALREQD",
      "paramValue": "#AVAILBALREQD"
    },
    {
      "id": "6a4ae0c7-9459-44c5-905a-131d0f1d28fe",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TRNDT",
      "paramValue": "#LOG_TIME"
    },
    {
      "id": "b772d21e-59ea-46aa-a162-ab16fae5dcd1",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FROM_ACC",
      "paramValue": "#FROM_ACC"
    },
    {
      "id": "96549e49-65af-47b6-89a5-e13550d6ca43",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "EVENTSRN0",
      "paramValue": "1"
    },
    {
      "id": "1bf32b00-a7f7-4b78-be6a-51cb583653b9",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FROM_ACC_LCY",
      "paramValue": "#FROM_ACC_LCY"
    },
    {
      "id": "bb4417ad-1ea0-47b5-8fee-be027bb9b962",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "TO_ACC_BRANCH",
      "paramValue": "#TO_ACC_BRANCH"
    },
    {
      "id": "ca076ed5-a313-4fce-90dd-99c8c93d59ca",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "LCYAMOUNT",
      "paramValue": "#TO_AMOUNT"
    },
    {
      "id": "b0bfba49-be88-456f-bc12-1948c031d210",
      "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
      "paramName": "FCYAMOUNT",
      "paramValue": "#TO_FCY_AMOUNT"
    }
  ],
  "structurePaymentId": "9df0c2e5-4667-4ef7-adb1-
da89b940ffe9",
  "paramName": "FCYAMOUNT",
  "paramValue": "#TO_FCY_AMOUNT"
}

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        }
      ]
    }
  ],
  "LmmTmStructureAccPriorityDTO": [],
  "LmmTmStrRevSweepDetailsDTO": [],
  "LmmTmStructureIclDTO": []
},

{
  "id": "87d8762d-7127-4064-8eca-17f70d25584a",
  "structureMasterId": "40e011ff-0ff7-4f8c-a70b-aa01fed8ca59",
  "accountNumber": "HEL0046400178",
  "accountDescription": "HEL0046400178",
  "branchCode": "HEL",
  "accountCurrency": "GBP",
  "isExternal": "Internal",
  "acyAvailableBal": 1000000,
  "bankCode": "0020",
  "countryId": "AUS",
  "cityId": "Sydney",
  "region": "Australia/Adelaide",
  "latitude": -33.92,
  "longitude": 151.1852,
  "isNotional": "N",
  "accCategory": "Sweep",
  "parentAccountNumber": null,
  "parentAccountBranch": null,
  "parentAccountCurrency": null,
  "bookingAccountNumber": "HEL0046400178",
  "bookingAccountBranch": "HEL",
  "bookingAccountCurrency": "GBP",
  "rateType": "STANDARD",
  "accountType": "Sweep",
  "sweepPriority": null,
  "isTwoWay": "Y",
  "reverseSweepFrequency": null,
  "twowaySweepPriority": null,
  "onlineBalanceFetch": null,
  "partialReverseSweep": null,
  "isHold": null,
  "eodExecution": null,
  "ratePickUp": null,
  "reallocationRequired": null,
  "reallocationMethod": null,
  "allowReverseSweep": null,
  "isNominatedAccount": "Y",
  "accountLevel": 0,
  "centralAccountNumber": null,
  "centralAccountBranch": null,
  "centralAccountCurrency": null,
  "percentageShare": 0,
  "percentageChildShare": null,
  "partialTransferAllowed": null,
  "holdStartDate": null,

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        "holdEndDate": null,
        "isVirtual": "N",
        "oneWayAccountGroup": null,
        "twoWayAccountGroup": null,
        "isRegulatedDebits": "N",
        "entityID": "HEL_ENTITY",
        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX",
        "LmmTmStructureInstructionDTO": [],
        "LmmTmStructurePaymentDTO": [],
        "LmmTmStructureAccPriorityDTO": [],
        "LmmTmStrRevSweepDetailsDTO": [],
        "LmmTmStructureIclDTO": []
    }
],
"LmmTmStructureAccountsDTO": [
    {
        "id": "1fb03839-982e-42fd-ac81-e5f4fd2ee281",
        "structureMasterId": "40e011ff-0ff7-4f8c-a70b-aa01fed8ca59",
        "accountNumber": "HEL0046400178",
        "accountDescription": "HEL0046400178",
        "accountBranch": "HEL",
        "accountCurrency": "GBP",
        "isExternal": "Internal",
        "isNotional": "N",
        "accCategory": "Sweep",
        "accountType": null,
        "acyAvailableBal": 1000000,
        "bankCode": "0020",
        "countryId": "AUS",
        "cityId": "Sydney",
        "region": "Australia/Adelaide",
        "isSelected": "Y",
        "isRegulatedDebits": "N",
        "entityID": "HEL_ENTITY",
        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX"
    },
    {
        "id": "386a0140-1a7e-4d62-a421-7eae57bb98e1",
        "structureMasterId": "40e011ff-0ff7-4f8c-a70b-aa01fed8ca59",
        "accountNumber": "HEL0046400067",
        "accountDescription": "ALL SPORTS",
        "accountBranch": "HEL",
        "accountCurrency": "GBP",
        "isExternal": "Internal",
        "isNotional": "N",
        "accCategory": "Sweep",
        "accountType": null,
        "acyAvailableBal": 2500,
        "bankCode": "0020",
        "countryId": "AUS",
        "cityId": "Sydney",
        "region": "America/Detroit",
    }
]

```

```

        "isSelected": "Y",
        "isRegulatedDebits": "N",
        "entityID": "HEL_ENTITY",
        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX"
    }
}
]
}

```

### Create Pool Structure

```

{
  "data": [
    {
      "headerAccountNumber": null,
      "endDate": "2022-07-01",
      "currencyRateType": "STANDARD",
      "backwardTreatment": "H",
      "balanceType": "V",
      "versionNo": 1,
      "centralAccountNumber": null,
      "allowSweepOnCurrencyHol": "Y",
      "holidayTreatment": "P",
      "structureStatus": "A",
      "structurePriority": 55,
      "fxRatePickup": "Offline",
      "headerCurrency": null,
      "reallocationMethod": "Even Direct Distribution",
      "maxBackwardDays": 2,
      "LmmTmStructureDetailsDTO": [
        {
          "reverseSweepFrequency": null,
          "percentageShare": 0,
          "accountCurrency": "GBP",
          "bookingAccountCurrency": "GBP",
          "rateType": "STANDARD",
          "isTwoWay": "Y",
          "structureMasterId": "",
          "LmmTmStructureInstructionDTO": [],
          "isExternal": "Internal",
          "accountType": "Pool",
          "accountLevel": 1,
          "branchCode": "HEL",
          "isNotional": "N",
          "reallocationMethod": null,
          "bookingAccountNumber": "HEL0046400067",
          "sweepPriority": null,
          "bookingAccountBranch": "HEL",
          "parentAccountBranch": null,
          "isNominatedAccount": "Y",
          "accountNumber": "HEL0046400067",
          "parentAccountNumber": null,

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```

        "accCategory": "Pool",
        "parentAccountCurrency": null
    },
    ],
    "centralAccountCurrency": null,
    "sourceSystem": "OBDX",
    "structureDescription": "Pool 19721",
    "systemAccountCurrency": "GBP",
    "systemAccountBranch": "HEL",
    "LmmTmStructureAccountsDTO": [
        {
            "isExternal": "Internal",
            "accountCurrency": "GBP",
            "accountNumber": "HEL0046400067",
            "isNotional": "N",
            "isSelected": "Y",
            "accCategory": "Pool",
            "accountBranch": "HEL"
        }
    ],
    "customerId": "000464",
    "systemAccountNumber": null,
    "considerPostSweepBalance": "N",
    "ratePickUp": "Past 5 day Average Rate",
    "structureId": "ST98TZE860XD",
    "multiBankFlag": true,
    "centralAccountBranch": null,
    "structureType": "Pool",
    "headerBranchCode": null,
    "interestMethod": "I",
    "effectiveDate": "2018-07-19"
}
]
}

```

### Modify Pool Structure

```

{
    "data": [{
        "keyId": "f8996b15-ca0d-4933-977c-5a3d4d29cd3d",
        "makerId": "OBDX02",
        "makerDateStamp": "2018-11-30T10:48:10.000+00:00",
        "checkerId": "OBDX02",
        "checkerDateStamp": "2018-11-30T10:48:10.000+00:00",
        "modNo": 1,
        "recordStatus": "0",
        "authStatus": "A",
        "onceAuth": "Y",
        "doerRemarks": null,
        "approverRemarks": null,
        "links": [],
        "structureId": "ST98TZE860XD",
        "structureDescription": "Pool 19721",
        "customerId": "000464",
        "customerName": "XXX XXXXXX",
    }
    ]
}

```

```

    "numberOfAccountsLinked": 2,
    "structureType": "Pool",
    "struturePriority": 55,
    "effectiveDate": "2018-07-19",
    "endDate": "2022-07-01",
    "headerAccountNumber": "OBDX_SYSACC_7153",
    "headerBranchCode": "HEL",
    "headerCurrency": "GBP",
    "multiBankFlag": "N",
    "crossBorderFlag": "N",
    "crossCurrencyFlag": "N",
    "balanceType": "V",
    "structureFrequency": null,
    "currencyRateType": "STANDARD",
    "allowSweepOnCurrencyHol": "Y",
    "interestMethod": "I",
    "ratePickUp": "Past 5 day Average Rate",
    "nextRunDate": null,
    "eodExecution": null,
    "reverseFrequency": null,
    "instructionType": null,
    "reallocationMethod": "Even Direct Distribution",
    "holidayTreatment": "P",
    "maxBackwardDays": 2,
    "backwardTreatment": "H",
    "centralAccountNumber": null,
    "centralAccountBranch": null,
    "centralAccountCurrency": null,
    "nextRunDateReverse": null,
    "prevRunDateReverse": null,
    "structureStatus": "A",
    "investmentSweep": null,
    "considerPostSweepBalance": "N",
    "fxRatePickup": "Offline",
    "limitTrackingFlag": null,
    "sourceSystem": "OBDX",
    "systemAccountNumber": null,
    "systemAccountBranch": null,
    "systemAccountCurrency": null,
    "pauseStartDate": null,
    "pauseEndDate": null,
    "action": "NEW",
    "versionNo": 1,
    "isSimulation": "N",
    "simulationId": null,
    "exStrId": null,
    "callFromValidate": false,
    "bodExecution": null,
    "revFreqEodExecution": null,
    "revFreqBodExecution": null,
    "isDirty": "Y",
    "lastSuccessfulSweepDate": null,
    "batchStatus": null,
    "trackIcl": null,
    "LmmTmStructureDetailsDTO": [
        {

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```

    "id": "4c0499a6-32a6-406f-b31d-0b96d044d325",
    "structureMasterId": "f8996b15-ca0d-4933-977c-5a3d4d29cd3d",
    "accountNumber": "OBDX_SYSACC_7153",
    "accountDescription": "OBDX_SYSACC_7153 Notional Account",
    "branchCode": "HEL",
    "accountCurrency": "GBP",
    "isExternal": "External",
    "acyAvailableBal": null,
    "bankCode": "0020",
    "countryId": "AUS",
    "cityId": "Sydney",
    "region": "Australia/Adelaide",
    "latitude": -33.92,
    "longitude": 151.1852,
    "isNotional": "Y",
    "accCategory": "Pool",
    "parentAccountNumber": null,
    "parentAccountBranch": null,
    "parentAccountCurrency": null,
    "bookingAccountNumber": "OBDX_SYSACC_7153",
    "bookingAccountBranch": "HEL",
    "bookingAccountCurrency": "GBP",
    "rateType": null,
    "accountType": "Notional",
    "sweepPriority": 1,
    "isTwoWay": null,
    "reverseSweepFrequency": null,
    "twowaySweepPriority": null,
    "onlineBalanceFetch": null,
    "partialReverseSweep": null,
    "isHold": "N",
    "eodExecution": "N",
    "ratePickUp": null,
    "reallocationRequired": null,
    "reallocationMethod": null,
    "allowReverseSweep": "N",
    "isNominatedAccount": null,
    "accountLevel": 0,
    "centralAccountNumber": null,
    "centralAccountBranch": null,
    "centralAccountCurrency": null,
    "percentageShare": null,
    "percentageChildShare": null,
    "partialTransferAllowed": null,
    "holdStartDate": null,
    "holdEndDate": null,
    "isVirtual": null,
    "oneWayAccountGroup": null,
    "twoWayAccountGroup": null,
    "isRegulatedDebits": "N",
    "entityID": "HEL_ENTITY",
    "entityName": "HEL_ENTITY_NAME",
    "iban": null,
    "customerName": "XXX XXXXXX",
    "LmmTmStructureInstructionDTO": [],
    "LmmTmStructurePaymentDTO": [],

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```

    "LmmTmStructureAccPriorityDTO": [],
    "LmmTmStrRevSweepDetailsDTO": [],
    "LmmTmStructureIcdDTO": []
  },
{
  "id": "bf46f936-e1f0-4ec9-a3e7-a9036f2bd7b6",
  "structureMasterId": "f8996b15-ca0d-4933-977c-5a3d4d29cd3d",
  "accountNumber": "HEL0046400067",
  "accountDescription": "ALL SPORTS",
  "branchCode": "HEL",
  "accountCurrency": "GBP",
  "isExternal": "Internal",
  "acyAvailableBal": 2500,
  "bankCode": "0020",
  "countryId": "AUS",
  "cityId": "Sydney",
  "region": "America/Detroit",
  "latitude": -33.92,
  "longitude": 151.1852,
  "isNotional": "N",
  "accCategory": "Pool",
  "parentAccountNumber": "OBDX_SYSACC_7153",
  "parentAccountBranch": "HEL",
  "parentAccountCurrency": "GBP",
  "bookingAccountNumber": "HEL0046400067",
  "bookingAccountBranch": "HEL",
  "bookingAccountCurrency": "GBP",
  "rateType": "STANDARD",
  "accountType": "Pool",
  "sweepPriority": null,
  "isTwoWay": "Y",
  "reverseSweepFrequency": null,
  "twowaySweepPriority": null,
  "onlineBalanceFetch": null,
  "partialReverseSweep": null,
  "isHold": null,
  "eodExecution": null,
  "ratePickUp": null,
  "reallocationRequired": null,
  "reallocationMethod": null,
  "allowReverseSweep": null,
  "isNominatedAccount": "Y",
  "accountLevel": 1,
  "centralAccountNumber": null,
  "centralAccountBranch": null,
  "centralAccountCurrency": null,
  "percentageShare": 0,
  "percentageChildShare": null,
  "partialTransferAllowed": null,
  "holdStartDate": null,
  "holdEndDate": null,
  "isVirtual": "N",
  "oneWayAccountGroup": null,
  "twoWayAccountGroup": null,
  "isRegulatedDebits": "N",
  "entityID": "HEL_ENTITY",

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```

        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX",
        "LmmTmStructureInstructionDTO": [],
        "LmmTmStructurePaymentDTO": [],
        "LmmTmStructureAccPriorityDTO": [],
        "LmmTmStrRevSweepDetailsDTO": [],
        "LmmTmStructureIcdDTO": []
    }
},
"LmmTmStructureAccountsDTO": [
    {
        "id": "851563de-855a-412a-b8fe-0bac5b5df735",
        "structureMasterId": "f8996b15-ca0d-4933-977c-5a3d4d29cd3d",
        "accountNumber": "OBDX_SYSACC_7153",
        "accountDescription": "OBDX_SYSACC_7153 Notional Account",
        "accountBranch": "HEL",
        "accountCurrency": "GBP",
        "isExternal": "External",
        "isNotional": "Y",
        "accCategory": "Pool",
        "accountType": "Notional",
        "acyAvailableBal": null,
        "bankCode": "0020",
        "countryId": "AUS",
        "cityId": "Sydney",
        "region": "Australia/Adelaide",
        "isSelected": "Y",
        "isRegulatedDebits": "N",
        "entityID": "HEL_ENTITY",
        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX"
    },
    {
        "id": "52a00e2f-394c-4b70-8b27-29b39ed4a5fb",
        "structureMasterId": "f8996b15-ca0d-4933-977c-5a3d4d29cd3d",
        "accountNumber": "HEL0046400067",
        "accountDescription": "ALL SPORTS",
        "accountBranch": "HEL",
        "accountCurrency": "GBP",
        "isExternal": "Internal",
        "isNotional": "N",
        "accCategory": "Pool",
        "accountType": null,
        "acyAvailableBal": 2500,
        "bankCode": "0020",
        "countryId": "AUS",
        "cityId": "Sydney",
        "region": "America/Detroit",
        "isSelected": "Y",
        "isRegulatedDebits": "N",
        "entityID": "HEL_ENTITY",
        "entityName": "HEL_ENTITY_NAME",
        "iban": null,
        "customerName": "XXX XXXXXX"
    }
]

```

```

    }
  }
}

```

### Create Hybrid Structure

```

{
  "data": [
    {
      "headerAccountNumber": null,
      "endDate": "2022-07-01",
      "currencyRateType": "STANDARD",
      "backwardTreatment": "H",
      "balanceType": "V",
      "versionNo": 1,
      "centralAccountNumber": null,
      "allowSweepOnCurrencyHol": "Y",
      "holidayTreatment": "P",
      "structureStatus": "A",
      "structurePriority": 57,
      "fxRatePickup": "Offline",
      "headerCurrency": null,
      "reallocationMethod": "Absolute Pro-Rata Distribution",
      "maxBackwardDays": 2,
      "LmmTmStructureDetailsDTO": [
        {
          "reverseSweepFrequency": null,
          "percentageShare": 0,
          "accountCurrency": "GBP",
          "bookingAccountCurrency": "GBP",
          "rateType": "STANDARD",
          "isTwoWay": "Y",
          "structureMasterId": "",
          "LmmTmStructureInstructionDTO": [],
          "isExternal": "Internal",
          "accountType": "Pool",
          "accountLevel": 1,
          "branchCode": "HEL",
          "isNotional": "N",
          "reallocationMethod": null,
          "bookingAccountNumber": "HEL0046400067",
          "sweepPriority": null,
          "bookingAccountBranch": "HEL",
          "parentAccountBranch": null,
          "isNominatedAccount": "Y",
          "accountNumber": "HEL0046400067",
          "parentAccountNumber": null,
          "accCategory": "Pool",
          "parentAccountCurrency": null
        },
        {
          "reverseSweepFrequency": "FM2341112",
          "percentageShare": 0,
          "accountCurrency": "GBP",

```

```

"bookingAccountCurrency": "GBP",
"rateType": "STANDARD",
"isTwoWay": "Y",
"structureMasterId": "",
"LmmTmStructureInstructionDTO": [
  {
    "structureDetailsId": "",
    "LmmTmStructureInstructionDetDTO": [
      {
        "structureInstructionId": "",
        "paramName": "Maximum",
        "paramValue": "4000"
      },
      {
        "structureInstructionId": "",
        "paramName": "MaximumDeficit",
        "paramValue": "1000"
      },
      {
        "structureInstructionId": "",
        "paramName": "Minimum",
        "paramValue": "1"
      },
      {
        "structureInstructionId": "",
        "paramName": "MinimumDeficit",
        "paramValue": "100"
      },
      {
        "structureInstructionId": "",
        "paramName": "Multiple",
        "paramValue": "10"
      }
    ],
    "instrDesc": "Zero Balance Model",
    "instructionPriority": 1,
    "LmmTmStructureInstructionFrequencyDTO": [
      {
        "frequencyId": "FM2341112",
        "structureInstructionId": "",
        "freqDesc": null
      }
    ],
    "instructionId": "TEST22"
  },
  {
    "isExternal": "Internal",
    "accountType": "Sweep",
    "accountLevel": 2,
    "branchCode": "HEL",
    "isNotional": "N",
    "reallocationMethod": null,
    "bookingAccountNumber": "HEL0046400178",
    "sweepPriority": 1,
    "bookingAccountBranch": "HEL",
    "parentAccountBranch": "HEL",

```

```

        "isNominatedAccount": "Y",
        "accountNumber": "HEL0046400178",
        "parentAccountNumber": "HEL0046400067",
        "accCategory": "Sweep",
        "parentAccountCurrency": "GBP"
    },
    {
        "centralAccountCurrency": null,
        "sourceSystem": "OBDX",
        "structureDescription": "Hybrid 19721",
        "systemAccountCurrency": "GBP",
        "systemAccountBranch": "HEL",
        "LmmTmStructureAccountsDTO": [
            {
                "isExternal": "Internal",
                "accountCurrency": "GBP",
                "accountNumber": "HEL0046400067",
                "isNotional": "N",
                "isSelected": "Y",
                "accCategory": "Pool",
                "accountBranch": "HEL"
            },
            {
                "isExternal": "Internal",
                "accountCurrency": "GBP",
                "accountNumber": "HEL0046400178",
                "isNotional": "N",
                "isSelected": "Y",
                "accCategory": "Sweep",
                "accountBranch": "HEL"
            }
        ],
        "customerId": "000464",
        "systemAccountNumber": null,
        "considerPostSweepBalance": "Y",
        "ratePickUp": "Past 5 day Average Rate",
        "structureId": "STUY82QJW4SH",
        "multiBankFlag": true,
        "centralAccountBranch": null,
        "structureType": "Hybrid",
        "headerBranchCode": null,
        "interestMethod": "I",
        "effectiveDate": "2018-07-19"
    }
]
}

```

### Modify Hybrid Structure

```

{
    "data": [
        {
            "headerAccountNumber": null,
            "endDate": "2022-07-01",
            "currencyRateType": "STANDARD",

```

```

    "backwardTreatment": "H",
    "balanceType": "V",
    "versionNo": 1,
    "centralAccountNumber": null,
    "allowSweepOnCurrencyHol": "Y",
    "holidayTreatment": "P",
    "structureStatus": "A",
    "struturePriority": 57,
    "fxRatePickup": "Offline",
    "headerCurrency": null,
    "reallocationMethod": "Absolute Pro-Rata Distribution",
    "maxBackwardDays": 2,
    "LmmTmStructureDetailsDTO": [
      {
        "reverseSweepFrequency": null,
        "percentageShare": 0,
        "accountCurrency": "GBP",
        "bookingAccountCurrency": "GBP",
        "rateType": "STANDARD",
        "isTwoWay": "Y",
        "structureMasterId": "",
        "LmmTmStructureInstructionDTO": [],
        "isExternal": "Internal",
        "accountType": "Pool",
        "accountLevel": 1,
        "branchCode": "HEL",
        "isNotional": "N",
        "reallocationMethod": null,
        "bookingAccountNumber": "HEL0046400067",
        "sweepPriority": null,
        "bookingAccountBranch": "HEL",
        "parentAccountBranch": null,
        "isNominatedAccount": "Y",
        "accountNumber": "HEL0046400067",
        "parentAccountNumber": null,
        "accCategory": "Pool",
        "parentAccountCurrency": null
      },
      {
        "reverseSweepFrequency": "FM2341112",
        "percentageShare": 0,
        "accountCurrency": "GBP",
        "bookingAccountCurrency": "GBP",
        "rateType": "STANDARD",
        "isTwoWay": "Y",
        "structureMasterId": "",
        "LmmTmStructureInstructionDTO": [
          {
            "structureDetailsId": "",
            "LmmTmStructureInstructionDetDTO": [
              {
                "structureInstructionId": "",
                "paramName": "Maximum",
                "paramValue": "4000"
              }
            ]
          }
        ]
      }
    ]
  }

```

```

        "structureInstructionId": "",
        "paramName": "MaximumDeficit",
        "paramValue": "1000"
      },
      {
        "structureInstructionId": "",
        "paramName": "Minimum",
        "paramValue": "1"
      },
      {
        "structureInstructionId": "",
        "paramName": "MinimumDeficit",
        "paramValue": "100"
      },
      {
        "structureInstructionId": "",
        "paramName": "Multiple",
        "paramValue": "10"
      }
    ],
    "instrDesc": "Zero Balance Model",
    "instructionPriority": 1,
    "LmmTmStructureInstructionFrequencyDTO": [
      {
        "frequencyId": "FM2341112",
        "structureInstructionId": "",
        "freqDesc": null
      }
    ],
    "instructionId": "TEST22"
  }
],
"isExternal": "Internal",
"accountType": "Sweep",
"accountLevel": 2,
"branchCode": "HEL",
"isNotional": "N",
"reallocationMethod": null,
"bookingAccountNumber": "HEL0046400178",
"sweepPriority": 1,
"bookingAccountBranch": "HEL",
"parentAccountBranch": "HEL",
"isNominatedAccount": "Y",
"accountNumber": "HEL0046400178",
"parentAccountNumber": "HEL0046400067",
"accCategory": "Sweep",
"parentAccountCurrency": "GBP"
}
],
"centralAccountCurrency": null,
"sourceSystem": "OBDX",
"structureDescription": "Hybrid 19721",
"systemAccountCurrency": "GBP",
"systemAccountBranch": "HEL",
"LmmTmStructureAccountsDTO": [
  {

```

```

        "isExternal": "Internal",
        "accountCurrency": "GBP",
        "accountNumber": "HEL0046400067",
        "isNotional": "N",
        "isSelected": "Y",
        "accCategory": "Pool",
        "accountBranch": "HEL"
    },
    {
        "isExternal": "Internal",
        "accountCurrency": "GBP",
        "accountNumber": "HEL0046400178",
        "isNotional": "N",
        "isSelected": "Y",
        "accCategory": "Sweep",
        "accountBranch": "HEL"
    }
],
"customerId": "000464",
"systemAccountNumber": null,
"considerPostSweepBalance": "Y",
"ratePickUp": "Past 5 day Average Rate",
"structureId": "STUY82QJW4SH",
"multiBankFlag": true,
"centralAccountBranch": null,
"structureType": "Hybrid",
"headerBranchCode": null,
"interestMethod": "I",
"effectiveDate": "2018-07-19"
}
]
}

```

# 3

## Inbound APIs

This topic provides the information on the set of inbound APIs provided by Oracle Banking Liquidity Management.

**Table 3-1 Oracle Banking Liquidity Management Inbound APIs**

| SI.No | Consumer System | SERVICE NAME                | Service URL                                                                                                |
|-------|-----------------|-----------------------------|------------------------------------------------------------------------------------------------------------|
| 1     | OBDX            | fetchLMInstruction          | http://host:port/api-gateway/oblm-cash-concentration-services/service/v14.8.2.0.0/instructions             |
| 2     | OBDX            | fetchUpcomingSweepLogs      | http://host:port/api-gateway/oblm-dashboard-services/service/v14.8.2.0.0/scheduledSweeps                   |
| 3     | OBDX            | editLendLimit               | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/customers/{id}                          |
| 4     | OBDX            | closeLendLimit              | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/customers/{id}/close                    |
| 5     | OBDX            | readLMLendLimit             | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/customers                               |
| 6     | OBDX            | createlendlimit             | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/customers                               |
| 7     | OBDX            | readLMInterCompanyLoan      | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/loans/{id}                              |
| 8     | OBDX            | fetchICLTransactions        | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/loans/{loanId}/transactions             |
| 9     | OBDX            | listLMInterCompanyLoans     | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/loans                                   |
| 10    | OBDX            | initiateICLSettlement       | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/loans/initiateSettlement                |
| 11    | OBDX            | listIntercompanyLoanSummary | http://host:port/api-gateway/oblm-icl-services/service/v14.8.2.0.0/loans/summary                           |
| 12    | OBDX            | fetchLMSimulationAccounts   | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0.0/accounts/commonCoreAccountfetch |
| 13    | OBDX            | fetchLMAccountsByPartyId    | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0.0/accounts                        |
| 14    | OBDX            | fetchLMAccounts             | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0.0/accounts/getLinkedAccounts      |

**Table 3-1 (Cont.) Oracle Banking Liquidity Management Inbound APIs**

| SI.No | Consumer System | SERVICE NAME                   | Service URL                                                                                                                  |
|-------|-----------------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------|
| 15    | OBDX            | fetchLMBranches                | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0/imm/branches                                        |
| 16    | OBDX            | fetchLMCurrency                | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0/currencies                                          |
| 17    | OBDX            | getLMGroupCustomerID           | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0/customers/getGroupCustomerId                        |
| 18    | OBDX            | partyHierarchyList             | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0/customers/getAllCustomers                           |
| 19    | OBDX            | fetchLMFrequencies             | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0/frequencies                                         |
| 20    | OBDX            | fetchPoolLogs                  | http://host:port/api-gateway/oblm-pool-services/service/v14.8.2.0/pools/logs                                                 |
| 21    | OBDX            | fetchReallocationMonitorLogs   | http://host:port/api-gateway/oblm-pool-services/service/v14.8.2.0/reallocations/logs                                         |
| 22    | OBDX            | downloadLMSimulationPDFReport  | http://host:port/api-gateway/oblm-report-services/service/v14.8.2.0/simulations/download                                     |
| 23    | OBDX            | fetchLMStructures              | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/structures                                            |
| 24    | OBDX            | fetchLMSimulation              | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/structures                                            |
| 25    | OBDX            | readLMSimulation               | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/structures/{id}                                       |
| 26    | OBDX            | readLMStructurePdfDownload     | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/structures/{id}                                       |
| 27    | OBDX            | fetchLMAccountsWithStructure   | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/structures/priorities/accountNumbers/{accountNumbers} |
| 28    | OBDX            | readLMStructure                | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/lite/structures/{id}                                  |
| 29    | OBDX            | editLMStructure                | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/lite/structures/{id}                                  |
| 30    | OBDX            | getChildAccountsForLMStructure | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0/structures/childAccounts                              |

**Table 3-1 (Cont.) Oracle Banking Liquidity Management Inbound APIs**

| SI.No | Consumer System | SERVICE NAME                       | Service URL                                                                                                                           |
|-------|-----------------|------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 31    | OBDX            | editLMSimulation                   | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0.0/structures/modifyExternal                                    |
| 32    | OBDX            | createLMStructure                  | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0.0/structures/createExternal                                    |
| 33    | OBDX            | createLMSimulation                 | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0.0/structures/createExternal                                    |
| 34    | OBDX            | fetchLMAccountsWithlinkedStructure | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0.0/structures/having-common-accounts                            |
| 35    | OBDX            | listStructurePriorities            | http://host:port/api-gateway/oblm-structure-services/service/v14.8.2.0.0/structure-priority/{customerId}                              |
| 36    | OBDX            | executeLMSweepStructure            | http://host:port/api-gateway/oblm-sweep-services/service/v14.8.2.0.0/sweeps/channel                                                   |
| 37    | OBDX            | fetchSweepLogs                     | http://host:port/api-gateway/oblm-sweep-services/service/v14.8.2.0.0/sweeps/logs                                                      |
| 38    | OBDX            | executeSweepAccountPairs           | http://host:port/api-gateway/oblm-sweep-services/service/v14.8.2.0.0/sweeps/adhoc/initiate                                            |
| 39    | OBDX            | getSegregatedBalancesByIdentifier  | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/CMAccounts/balances/{groupingIdentifier}/{identifierValue} |
| 40    | OBDX            | getIdentifiers                     | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/CMAccounts/balances/identifiers                            |
| 41    | OBDX            | getBalancesByIdentifier            | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/CMAccounts/balances/{groupingIdentifier}                   |
| 42    | OBDX            | getAll                             | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/CMAccounts/balances                                        |
| 43    | OBDX            | getAccountNumbers                  | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/CMAccounts/balances/getAccountNumbers                      |
| 44    | OBCM            | fetchCMBalances                    | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/CMAccounts/balances                                        |
| 45    | OBCM            | fetchLMAccounts                    | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0.0/accounts                                                   |
| 46    | OBA             | initiateRtlTxn                     | http://host:port/api-gateway/oblm-rtl-services/service/v14.8.2.0.0/rtlTransactions/initiate                                           |

**Table 3-1 (Cont.) Oracle Banking Liquidity Management Inbound APIs**

| SI.No | Consumer System | SERVICE NAME   | Service URL                                                                                                  |
|-------|-----------------|----------------|--------------------------------------------------------------------------------------------------------------|
| 47    | OBA             | postRtl        | http://host:port/api-gateway/oblm-rtl-services/service/v14.8.2.0.0/rtlTransactions/post                      |
| 48    | OBA             | undoRtl        | http://host:port/api-gateway/oblm-rtl-services/service/v14.8.2.0.0/rtlTransactions/undo                      |
| 49    | OBPM            | processAckNack | http://host:port/api-gateway/oblm-integration-services/service/v14.8.2.0.0/externalSystemLogs/processAckNack |
| 50    | OBVAM           | getLMAccount   | http://host:port/api-gateway/oblm-maintenance-services/service/v14.8.2.0.0/accounts                          |

For more information on the inbound API details, refer to the **REST API for Oracle Banking Liquidity Management**.

# 4

## Events

This topic provides list of events in Oracle Banking Liquidity Management.

Oracle Banking Liquidity Management provides the below-listed events.

**Table 4-1 List of Events**

| S.No | Topic                              | Purpose                                                        | Avro Schema                      |
|------|------------------------------------|----------------------------------------------------------------|----------------------------------|
| 1    | sweep-success (S)                  | Event is generated when a sweep is successful                  | <a href="#">Sweep Events</a>     |
| 2    | sweep-error (E)                    | Event is generated when a sweep has error                      |                                  |
| 3    | sweep-pending (P)                  | Event is generated when a sweep is pending                     |                                  |
| 4    | sweep-handOff (H)                  | Event is generated when a sweep is hand off                    |                                  |
| 5    | sweep-count                        | Event is generated to count the sweep notification             |                                  |
| 6    | structure-created                  | Event is generated when a structure is created                 | <a href="#">Structure Events</a> |
| 7    | structure-created and Authorized   | Event is generated when a structure is created and authorized  |                                  |
| 8    | structure-modified                 | Event is generated when a structure is modified                |                                  |
| 9    | structure-modified and Authorized  | Event is generated when a structure is modified and authorized |                                  |
| 10   | structure-closed                   | Event is generated when a structure is closed                  |                                  |
| 11   | structure-closed and Authorized    | Event is generated when a structure is closed and authorized   |                                  |
| 12   | structure-reopen                   | Event is generated when a structure is reopened                |                                  |
| 13   | structure-reopen and Authorized    | Event is generated when a structure is reopened and authorized |                                  |
| 14   | structure-expiry                   | Event is generated when a structure is expired                 |                                  |
| 15   | vamlm.bankchargeeventrequest       | Event is generated when Bank is authorized                     | <a href="#">Vamlm Account</a>    |
| 16   | vamlm.branchchargeeventrequest     | Event is generated when Branch is authorized                   |                                  |
| 17   | vamlm.structurechargesnotification | Event is generated when Structure is authorized                |                                  |
| 18   | vamlm.pricingmapnotification       | Event is generated when Customer is authorized                 |                                  |

Table 4-1 (Cont.) List of Events

| S.No | Topic                       | Purpose                                                                                                                                  | Avro Schema                |
|------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|
| 19   | lm.accountnotification      | Event is generated when account is authorized                                                                                            |                            |
| 20   | lm.vamlmaccountnotification | This is a consumer topic for LM to auto create customer/ account, which consumes events published by VAM on creation of customer/account |                            |
| 21   | lm-account                  | Event is generated for LM accounts                                                                                                       | <a href="#">LM Account</a> |

**Note**

Click on the links to download the avro files.

# 5

## File Upload

This topic describes about the File Upload features for Oracle Banking Liquidity Management.

Oracle Banking Liquidity Management provides a facility for bulk upload of the below features.

- Account Setup File Upload
- VD Balance File Upload
- Bank Setup File Upload
- Branch Setup File Upload
- Country Definition File Upload
- Currency Cutoff File Upload
- Currency Definition File Upload
- Customer Setup File Upload
- Interface Setup File Upload
- Sweep Instruction File Upload

### **Note**

Refer to the **File Upload User Guide** for the more details.

# 6

## FOP Advices

This topic provides the information to configure and generate liquidity management advice using a template created in Apache FOP.

This topic contains the following sub-topics:

- [Prerequisites](#)  
This topic provides the information of Prerequisites.
- [Template Upload Process](#)  
This topic describes about process of uploading the report template for Oracle Banking Liquidity Management.
- [Generate Advices](#)  
This topic describes about generating advices for Oracle Banking Liquidity Management.

### 6.1 Prerequisites

This topic provides the information of Prerequisites.

1. Create a new schema for PLATO-REPORT-SERVICE in your domain.
2. Ensure that the datasource is created in weblogic server:

| Data Source   | Weblogic Server    | Schema                      |
|---------------|--------------------|-----------------------------|
| PLATOCMC      | jdbc/CMNCORE       | Plato Common Core Server    |
| PLATOSMS      | jdbc/sms           | Plato-SMS-Server            |
| REPORTSERVICE | jdbc/REPORTSERVICE | Plato-Report-Service-Server |

3. Enter the below properties in the setuseroverrides.sh file:

```
domain.placeholders.report-service.hostname= <http://  
<REPORT_SERVICE_HOSTNAME>:<REPORT_SERVICE_PORT>  
  
domain.placeholders.report-service.server.port=<REPORT_SERVICE_PORT>  
domain.placeholders.report-service.domain.jndi=jdbc/REPORTSERVICE  
domain.placeholders.report-service.template-metadata-directory=/scratch/OBMA/  
report-service/template_metadata  
domain.placeholders.report-service.output-directory=/scratch/OBMA/report-  
service/output/  
domain.placeholders.report-service.fop-config-file=/scratch/OBMA/report-  
service/fop.xconf
```

#### Note

Refer to **Oracle Banking Microservices Platform Foundation Installation Guide** for a detailed explanation.

4. Create the folder structure mentioned in Step 3.
5. Download [fop.xconf](#) file and place in the directory: /scratch/OBMA/report-service.
6. Restart plato-config-service.
7. Deploy plato-report-services.

Once the plato-report-service deployed successfully, make sure that the below tables created in the PLATO-REPORT-SERVICE schema.

- ERTB\_MSGS
  - OBMA\_DOCUMENT\_STORE
  - OBMA\_EXTRACTOR\_CONFIG
  - OBMA\_REPORT\_LOG
  - OBMA\_TEMPLATE\_IMAGE
  - OBMA\_TM\_REPORT\_METADATA
  - OBMA\_TM\_TEMPLATE\_IMAGE
  - OBMA\_TM\_TEMPLATE\_METADATA
  - OBMA\_TW\_REPORT\_METADATA
  - OBMA\_TW\_TEMPLATE\_IMAGE
  - OBMA\_TW\_TEMPLATE\_METADATA
8. Deploy oblm-report-services.
  9. Once the oblm-report-services is deployed, ensure the below table is added in LMR schema.
    - LMR\_TB\_ADVICE

## 6.2 Template Upload Process

This topic describes about process of uploading the report template for Oracle Banking Liquidity Management.

For Template Upload process, refer to **Report Template** in *Oracle Banking Microservices Platform Foundation User Guide*.

**Table 6-1 Naming Convention - Report Template**

| Report Name                       | Report Template                                  |
|-----------------------------------|--------------------------------------------------|
| OBLM-Interest-Paid-Advice         | <a href="#">Interest Paid Advice.xsl</a>         |
| OBLM-Interest-Reallocation-Advice | <a href="#">Interest Reallocation Advice.xsl</a> |
| OBLM-Sweep-Structure-Advice       | <a href="#">Sweep Structure Advice.xsl</a>       |
| OBLM-Simulation-Sweep-Advice      | <a href="#">Simulation Sweep Report.xsl</a>      |
| OBLM-Simulation-Pool-Advice       | <a href="#">Simulation Pool Advice.xsl</a>       |
| OBLM-Cash-Management-Sweep-Advice | <a href="#">Sweep Report Advice</a>              |
| OBLM-What-If-Simulation-Advice    | <a href="#">WhatIF Simulation Advice</a>         |

**Note**

For Naming convention of Report names refer to **Create Report Linkage** in *Oracle Banking Microservices Platform Foundation User Guide*.

**Note**

Click on the link to download the report template.

## 6.3 Generate Advices

This topic describes about generating advices for Oracle Banking Liquidity Management.

User can generate the Interest Paid Advice and Interest Reallocation Advice in **Advices** screen of Oracle Banking Liquidity Management.

**Simulation Sweep Advice** and **Simulation Pool Advice** is generated in **Simulation Summary** screen under Simulation menu in Oracle Banking Liquidity Management.

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