

Oracle® Banking Accounts Cloud Service

Oracle Banking ELCM Integration Guide



Release 14.6.0.0.0
F79745-01
December 2022

ORACLE®

F79745-01

Copyright © 2022, Oracle and/or its affiliates.

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

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

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

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

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

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

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

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

Contents

Preface

1 Oracle Banking Routing Hub

2 ELCM Implementation

2.1	Service Providers	2-1
2.2	Service Consumers	2-3
2.2.1	Create Block	2-5
2.2.2	Utilize	2-10
2.2.3	Query Utilization	2-13
2.2.4	Get Valid Lines	2-16

Index

Preface

Introduction

This guide describes the APIs that are configured in Oracle Banking Accounts Cloud Service through Oracle Banking Routing Hub Module.

Audience

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

Table 1 Audience

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

Acronyms and Abbreviations

The list of acronyms and abbreviations that you are likely to find in the guide are as follows:

Table 2 Acronyms

Abbreviation	Description
API	Application Programming Interface
EOD	End of Day
ELCM	Enterprise Limits and Collateral Management
OBACS	Oracle Banking Accounts Cloud Service
OBCDDA	Oracle Banking Corporate Demand Deposit Account

List of Topics

This guide is organized as follows:

Table 3 List of Topics

Topics	Description
Oracle Banking Routing Hub	This topic helps you to integrate Oracle Banking Party module with Oracle Banking Accounts Cloud Service product.
ELCM Implementation	This topic helps you to use the APIs configured in ELCM via Oracle Banking Routing Hub.

Related Documents

The related documents are as follows:

- *Routing Hub Configuration User Guide*

Screenshot Disclaimer

Sample information used in the interface or documents are dummy, it does not exist in real world, and it is for reference purpose only.

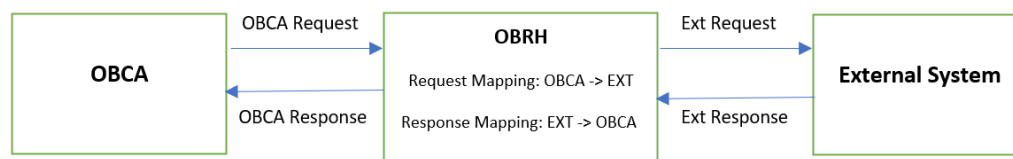
1

Oracle Banking Routing Hub

This topic provides the information about Oracle Banking Routing Hub.

Oracle Banking Routing Hub enables seamless and standardized integrations between FSGBU Banking Products using configurations provided as part of the product infrastructure as displayed below.

Figure 1-1 Oracle Banking Routing Hub



For more details on Oracle Banking Routing Hub configuration, refer to the *Oracle Banking Routing Hub Configuration Guide*.

2

ELCM Implementation

This topic provides the information about APIs configured using Oracle Banking Routing Hub.

createBlock

Host: cnobfc-cluster-1-ms1.fsgbu-obcbcs-nonprod--obfc-devtestbank1:7501

Version: 14.6.1.0.0

utilize

Host: cnobfc-cluster-1-ms1.fsgbu-obcbcs-nonprod--obfc-devtestbank1:7501

Version: 14.6.1.0.0

QueryUtilization

Host: cnobfc-cluster-1-ms1.fsgbu-obcbcs-nonprod--obfc-devtestbank1:7501

Version: 14.6.1.0.0

getValidLines

Host: cnobfc-cluster-1-ms1.fsgbu-obcbcs-nonprod--obfc-devtestbank1:7501

Version: 14.6.1.0.0

- [Service Providers](#)

This topic provides the information about the multiple service providers that are added to configure ELCM.

- [Service Consumers](#)

This topic provides the information about the multiple service consumers that are added to configure ELCM in Oracle Banking Routing Hub.

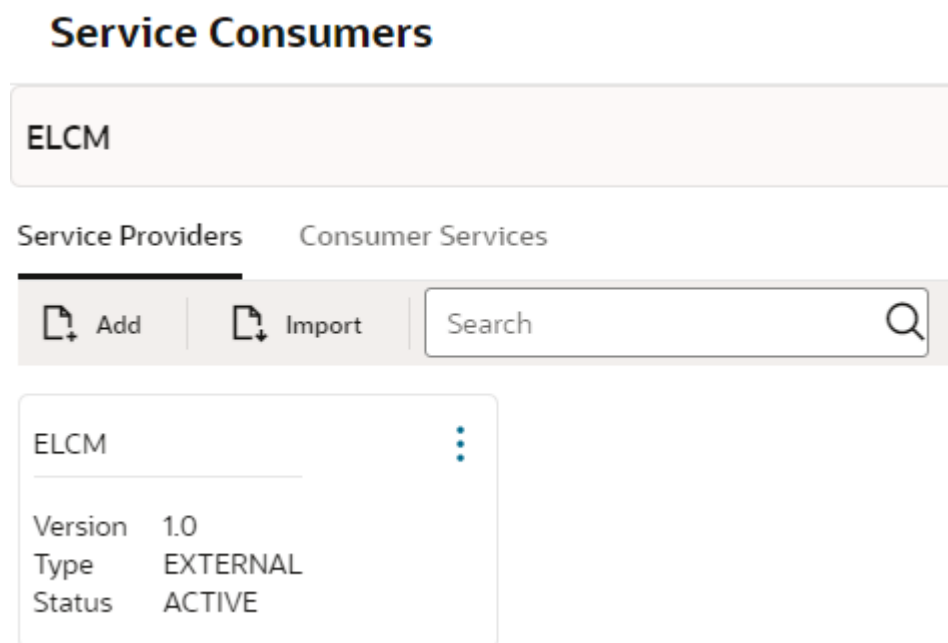
2.1 Service Providers

This topic provides the information about the multiple service providers that are added to configure ELCM.

Service Providers use Rest based API's for request/response in JSON format.

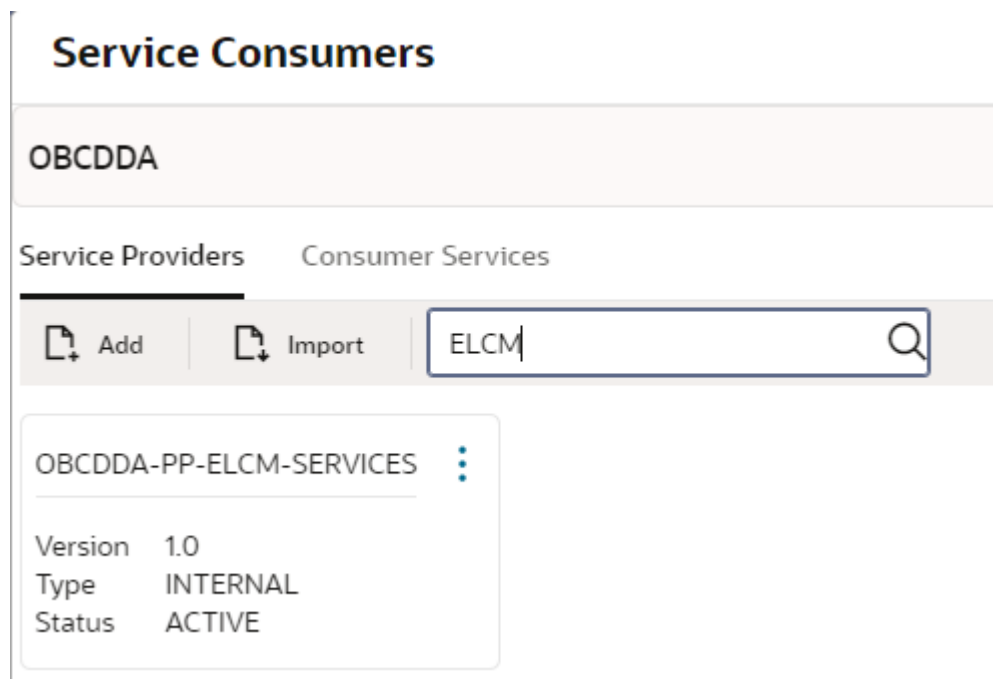
The **ELCM Service Providers** are as displayed below.

Figure 2-1 Service Providers



The **ELCM Service Providers** for **OBCDDA** are as displayed below.

Figure 2-2 ELCM Service Providers



2.2 Service Consumers

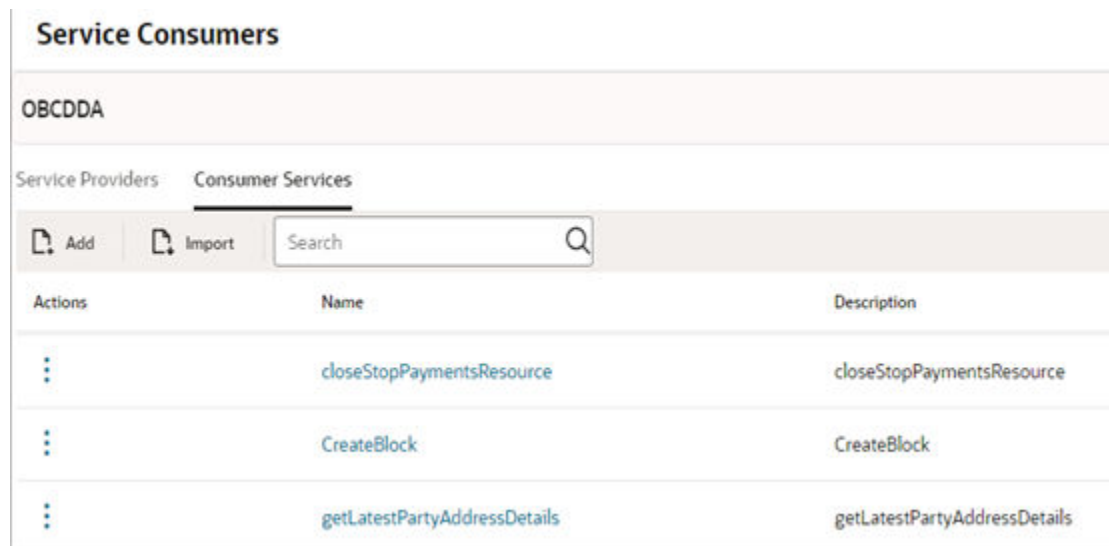
This topic provides the information about the multiple service consumers that are added to configure ELCM in Oracle Banking Routing Hub.

The following four endpoints are required for consumer services to be configured in Oracle Banking Routing Hub:

- **createBlock**
- **utilize**
- **QueryUtilization**
- **getValidLines**

The **Service Consumers** in Oracle Banking Accounts Cloud Service are as displayed below.

Figure 2-3 Service Consumers



Service Consumers		
OBCDDA		
Service Providers Consumer Services		
Add Import Search		
Actions	Name	Description
⋮	closeStopPaymentsResource	closeStopPaymentsResource
⋮	CreateBlock	CreateBlock
⋮	getLatestPartyAddressDetails	getLatestPartyAddressDetails

Figure 2-4 Service Consumers 2

Service Consumers		
OBCDDA		
Service Providers Consumer Services		
Add Import Search		
Actions	Name	Description
⋮	QueryUtilization	QueryUtilization
⋮	utilize	utilize
⋮	chequeUtilization	chequeutilization

The **ELCM Service Consumers** are as displayed below.

Figure 2-5 ELCM Service Consumers

Service Consumers		
ELCM		
Service Providers Consumer Services		
Add Import Search		
Actions	Name	Description
⋮	getValidLines	getValidLines

- [Create Block](#)
This topic describes about the sample request / response for the consumer service **createBlock**.
- [Utilize](#)
This topic describes about the sample request / response for the consumer service **Utilize**.
- [Query Utilization](#)
This topic describes about the sample request / response for the consumer service **Query Utilization**.
- [Get Valid Lines](#)
This topic describes about the sample request / response for the consumer service **GetValidLines**.

2.2.1 Create Block

This topic describes about the sample request / response for the consumer service **createBlock**.

Request/Response

SERVICE-CONSUMER = "OBCDDA"

SERVICE-CONSUMER-SERVICE=" CreateBlock"

Request

```
{
  "blkRefNo": "10556970083326443531_EA_C",
  "blockLogs":
  [
    {
      "action": "NEW",
      "amtTag": "PRINCIPAL",
      "blkAmt": 1,
      "blkCcy": "USD",
      "customerNo": "0029702",
      "defaultLiab": "D",
      "eventCode": "INIT",
      "eventSlNo": "1",
      "limitType": "F",
      "lineCd": "LNFORD",
      "lineSerial": "1",
      "source": "CDDA"
    }
  ]
}
```

Response

```
{
  "Block-Master-Full": {
    "authStat": "A",
    "action": "NEW",
    "authDtStamp": "2021-03-17T04:03:03",
    "authId": "OBELCMUSER1",
    "inputUserId": "OBELCMUSER1",
    "inputDtStamp": "2021-03-17T04:03:03",
    "versionNo": 1,
    "blkBrn": "B01",
    "blkRefNo": "10556970083326443531_EA_C",
    "keyId": "GETB_BLOCKS~BLK_REF_NO",
    "blockLogs": [
      {
        "changeBlkAmt": 1,
        "version": 0,
        "action": "NEW",
```

```
"serialNo": 192,  
"blockId": "B012107600000021",  
"customerNo": "0029702",  
"liabId": 41,  
"processNo": 1,  
"transDate": "2021-03-17T00:00:00",  
"blkAmt": 1,  
"blkCcy": "USD",  
"blkBrn": "B01",  
"blkPrd": "UTIL",  
"uncoll": 0,  
"tenorBasis": "N",  
"tenor": 0,  
"maturedAmt": 0,  
"matured": "N",  
"amtTag": "PRINCIPAL",  
"module": "GE",  
"valueDate": "2021-03-17T00:00:00",  
"source": "CDDA",  
"txnId": "22357040302847001251",  
"txnPercent": 0,  
"txnStatus": "O",  
"blkStat": "A",  
"authStat": "A",  
"versionNo": 1,  
"inputUserId": "OBELCMUSER1",  
"inputDtStamp": "2021-03-17T04:03:03",  
"authId": "OBELCMUSER1",  
"authDtStamp": "2021-03-17T04:03:03",  
"liabCcy": "USD",  
"liabBranch": "B01",  
"liabBlock": 1,  
"liabExchRate": 1,  
"multiAuth": "N",  
"vdUpdate": "N",  
"liabNo": "FORD",  
"lineCd": "LNFORD",  
"lineSerial": 1,  
"ignoreOverrides": "N",  
"limitType": "F",  
"limitId": 21,  
"limitCcy": "GBP",  
"limitBlock": 0.5,  
"limitExchRate": 0.5,  
"limitCcyUncoll": 0,  
"limitCcyMatured": 0,  
"txnInitDate": "2021-03-17T00:00:00",  
"eventCode": "INIT",  
"eventSlNo": 1,  
"shadowLimit": "N",  
"forceAuth": "N",  
"onceAuthorized": false,  
"recordStatus": "O",  
"endOfInput": "N",  
"autoAuth": "Y",
```

```
"offsetHr": 0,
"offsetMin": 0,
"considerAsRevolving": "N",
"dataMigration": "N",
"isSimulation": "N",
"ismergeOperation": "N",
"revalLimit": "Y",
"keyId": "~GETB_BLOCKS_LOG~SERIAL_NO",
"keyValue": "~GETB_BLOCKS_LOG~192~",
"liabilityDetails": [
  {
    "version": 24,
    "id": 41,
    "blockAmount": 1622,
    "liabNo": "FORD",
    "liabBranch": "B01",
    "liabCcy": "USD",
    "utilAmt": 3723,
    "overallLimit": 999999999,
    "unadvised": "N",
    "liabilityCustomerLinkage": {
      "maker": "OBELCMUSER1",
      "makerstamp": "2021-03-17T07:09:33",
      "checker": "OBELCMUSER1",
      "checkerstamp": "2021-03-17T07:09:33",
      "modno": 1,
      "txnstat": "O",
      "authstat": "A",
      "onceauth": "Y",
      "version": 1,
      "udfs": [],
      "misdetails": [],
      "id": 22,
      "customerNo": "0029702",
      "liabId": 41,
      "branchCode": "B01",
      "issuer": "N",
      "keyId": "~GETM_LIAB_CUST~CUSTOMER_NO",
      "keyValue": "~GETM_LIAB_CUST~0029702~",
      "liabCustExposures": [],
      "liabTrackCodes": []
    },
    "processNo": 1,
    "keyId": "~GETM_LIAB~LIAB_NO~"
  },
  {
    "version": 14,
    "liabilityId": 41,
    "lineCode": "LNFORD",
    "lineSerial": 1,
    "ismergeOperation": "N",
    "id": 21,
    "onceAuthorized": false,
  }
],
"facilityDetails": [
  {
    "version": 14,
    "liabilityId": 41,
    "lineCode": "LNFORD",
    "lineSerial": 1,
    "ismergeOperation": "N",
    "id": 21,
    "onceAuthorized": false,
  }
]
```

```

        "maturedUtil": 0,
        "outUtAmount": 1601.5,
        "osucAmount": 1601.5,
        "commited": "N",
        "collateralContribution": 0,
        "lineCurrency": "GBP",
        "revolvingLine": "N",
        "lineStartDate": "2021-03-04T00:00:00",
        "lastNewUtildate": "2021-03-17T00:00:00",
        "availabilityFlag": "Y",
        "limitAmount": 1000,
        "uncollectedFundsLimit": 0,
        "availableAmount": -1402.5,
        "dateOfFirstOrder": "2021-03-04T00:00:00",
        "dateOfLastOrder": "2021-03-17T00:00:00",
        "amountUtilizedToday": 1602,
        "amountReinstatedToday": 0,
        "uncollectedAmount": 0,
        "utilization": 1601.5,
        "branch": "001",
        "limitAmountBasis": "L",
        "unadvised": "N",
        "transferAmount": 0,
        "displayEffectiveLineAmount": 1000,
        "blockAmount": 801,
        "nettingAmount": 0,
        "tenorRestrictionType": "D",
        "customerRestrictionType": "D",
        "currencyRestrictionType": "D",
        "productRestrictionType": "D",
        "branchRestrictionType": "D",
        "extSystemRestrictionType": "D",
        "shadowLimit": "N",
        "dayLightLimit": 0,
        "expRestType": "D",
        "revolvingAmount": 0,
        "facilityType": "L",
        "revalReqrd": "N",
        "rateAgrmntReqd": "N",
        "dayLightOdLimit": 0,
        "earMarkingDto": {
            "version": 0,
            "udfs": [],
            "misdetails": [],
            "keyId":
"~GETM_FACILITY_BLOCK~BLOCK_NO",
            "keyValue":
"~GETM_FACILITY_BLOCK~null~"
        },
        "liabilityDTO": {
            "version": 0,
            "liabilityCustomerLinkage": {
                "version": 0,
                "udfs": [],
                "misdetails": [],

```

```

        "keyId": "~GETM_LIAB_CUST~CUSTOMER_NO",
        "keyValue": "~GETM_LIAB_CUST~null~",
        "liabCustExposures": [],
        "liabTrackCodes": []
    },
    "keyId": "~GETM_LIAB~LIAB_NO~"
}
}
],
"collateralsDetails": {
    "version": 0,
    "onceAuthorized": false
},
"collateralsPoolDetails": {
    "liabilityDto": {
        "version": 0,
        "liabilityCustomerLinkage": {
            "version": 0,
            "udfs": [],
            "misdetails": [],
            "keyId": "~GETM_LIAB_CUST~CUSTOMER_NO",
            "keyValue": "~GETM_LIAB_CUST~null~",
            "liabCustExposures": [],
            "liabTrackCodes": []
        },
        "keyId": "~GETM_LIAB~LIAB_NO~"
    },
    "ismergeOperation": "N",
    "version": 0
},
"defaultLiab": "D",
"gdaysNeeded": "Y"
}
]
},
"FCUBS_WARNING_RESP": {
    "WARNING": [
        {
            "WCODE": "GE-00113",
            "WDESC": "Line 41-LNFORD1 - Amount exceeds line limit.
Limit = 1000 GBP. Block = 801.0 GBP. Overdraft = 1402.5 GBP %Overdraft =
140.25"
        },
        {
            "WCODE": "ST-SAVE-002",
            "WDESC": "Record Successfully Saved and Authorized"
        }
    ]
},
"FCUBS_ERROR_RESP": {
    "ERROR": []
},
"MSGID": "22357040302847001251"
}

```

2.2.2 Utilize

This topic describes about the sample request / response for the consumer service **Utilize**.

Request/Response

SERVICE-CONSUMER = "OBCDDA"

SERVICE-CONSUMER-SERVICE="utilize"

Request

```
{
  "userRefno": "ACCSAVB01USD52829163",
  "utilLogs": [
    {
      "action": "INCREASE",
      "amtTag": "PRINCIPAL",
      "blockRefNo": "10556970083326443531_EA_C",
      "customerNo": "0029702",
      "defaultLiab": "D",
      "eventCode": "UTIL",
      "eventSlNo": "2",
      "limitType": "F",
      "lineCd": "LNFORD",
      "lineSerial": "1",
      "source": "CDDA",
      "utilAmt": 1,
      "utilCcy": "USD"
    }
  ]
}
```

Response

```
{
  "Util-Master-Full": {
    "userRefno": "ACCSAVB01USD52829163",
    "keyId": "~GETB_UTILS~USER_REFNO",
    "keyValue": "~GETB_UTILS~ACCSAVB01USD52829163~",
    "utilLogs": [
      {
        "utilHistory": {
          "version": 0
        },
        "valueDateUtilization": {
          "keyId":
            "~GETB_VD_UTILS~FACILITY_ID~VALUE_DATE~USER_REFNO",
          "keyValue": "~GETB_VD_UTILS~null~null~null~"
        },
        "facilityDetails": [
          {

```

```
"version": 16,
"liabilityId": 41,
"lineCode": "LNFORD",
"lineSerial": 1,
"ismergeOperation": "N",
"id": 21,
"onceAuthorized": false,
"maturedUtil": 0,
"outUtAmount": 1603,
"osucAmount": 1603,
"committed": "N",
"nrsAdjAmt": 0,
"collateralContribution": 0,
"lineCurrency": "GBP",
"revolvingLine": "N",
"lineStartDate": "2021-03-04T00:00:00",
"lastNewUtildate": "2021-03-04T00:00:00",
"availabilityFlag": "Y",
"limitAmount": 1000,
"uncollectedFundsLimit": 0,
"availableAmount": -1404,
"dateOfFirstOrder": "2021-03-04T00:00:00",
"dateOfLastOrder": "2021-03-04T00:00:00",
"amountUtilizedToday": 1603,
"amountReinstatedToday": 0,
"uncollectedAmount": 0,
"utilization": 1603,
"branch": "001",
"limitAmountBasis": "L",
"unadvised": "N",
"transferAmount": 0,
"displayEffectiveLineAmount": 1000,
"blockAmount": 801,
"tankedUtilization": 0,
"nettingAmount": 0,
"tenorRestrictionType": "D",
"customerRestrictionType": "D",
"currencyRestrictionType": "D",
"productRestrictionType": "D",
"branchRestrictionType": "D",
"extSystemRestrictionType": "D",
"shadowLimit": "N",
"dayLightLimit": 0,
"expRestType": "D",
"revolvingAmount": 0,
"facilityType": "L",
"revalReqrd": "N",
"rateAgrmntReqd": "N",
"dayLightOdLimit": 0,
"earMarkingDto": {
  "version": 0,
  "udfs": [],
  "misdetails": [],
  "keyId": "~GETM_FACILITY_BLOCK~BLOCK_NO",
  "keyValue": "~GETM_FACILITY_BLOCK~null~"
```

```

    },
    "liabilityDTO": {
      "version": 0,
      "liabilityCustomerLinkage": {
        "version": 0,
        "udfs": [],
        "misdetails": [],
        "keyId":
"~GETM_LIAB_CUST~CUSTOMER_NO",
        "keyValue":
"~GETM_LIAB_CUST~null~",
        "liabCustExposures": [],
        "liabTrackCodes": []
      },
      "keyId": "~GETM_LIAB~LIAB_NO~"
    }
  ],
  "collateralsDetails": {
    "version": 0,
    "onceAuthorized": false
  },
  "collateralsPoolDetails": {
    "liabilityDto": {
      "version": 0,
      "liabilityCustomerLinkage": {
        "version": 0,
        "udfs": [],
        "misdetails": [],
        "keyId": "~GETM_LIAB_CUST~CUSTOMER_NO",
        "keyValue": "~GETM_LIAB_CUST~null~",
        "liabCustExposures": [],
        "liabTrackCodes": []
      },
      "keyId": "~GETM_LIAB~LIAB_NO~"
    },
    "ismergeOperation": "N",
    "version": 0
  },
  "tenorDetail": {
    "version": 0
  },
  "action": "INCREASE",
  "customerNo": "0029702",
  "utilAmt": 1,
  "utilCcy": "USD",
  "amtTag": "PRINCIPAL",
  "source": "CDDA",
  "lineCd": "LNFORD",
  "lineSerial": 1,
  "limitType": "F",
  "blockRefNo": "10556970083326443531_EA_C",
  "eventCode": "UTIL",
  "eventSlNo": 2,
  "ismergeOperation": "N",

```

```

        "onceAuthorized": false,
        "defaultLiab": "D",
        "txnPercent": 0,
        "valueDateUtilizationDto": {
            "keyId":
"~GETB_VD_UTILS~FACILITY_ID~VALUE_DATE~USER_REFNO",
            "keyValue": "~GETB_VD_UTILS~null~null~null~"
        }
    }
}
},
"FCUBS_WARNING_RESP": {
    "WARNING": [
        {
            "WCODE": "LM-00113",
            "WDESC": "Line 41-LNFORD1 - Amount exceeds line limit.
Limit = 1000 GBP. Utilization = 1603.0 GBP. Overdraft = 1404.0 GBP
%Overdraft = 140.4"
        }
    ]
},
"FCUBS_ERROR_RESP": {
    "ERROR": [
        {
            "ECODE": "EL-FCJ-110",
            "EDESC": "Block reference number does not exist for the
attached limit details"
        }
    ]
},
"MSGID": "22357040429106001254"
}

```

2.2.3 Query Utilization

This topic describes about the sample request / response for the consumer service **Query Utilization**.

Request/Response

SERVICE-CONSUMER = "OBCDDA"

SERVICE-CONSUMER-SERVICE="QueryUtilization"

Request

http://cnobfc-cluster-1-ms1.fsgbu-obcbcs-nonprod--obfc-devtestbank1:7501/
FCUBS-ELCMRest/ELUtilizationService/QueryUtilization/urefno/001TRU05

Response

```

{
    "Util-Master-Full": {

```

```
"utilBrn": "001",
"userRefno": "001TRU05",
"authStat": "A",
"versionNo": 1,
"inputUserId": "ADMINUSER1",
"inputDtStamp": "2022-02-26T05:17:00",
"authId": "ADMINUSER1",
"authDtStamp": "2022-02-26T05:17:00",
"keyId": "~GCTB_UTILS~USER_REFNO",
"keyValue": "~GCTB_UTILS~001TRU05~",
"action": "NEW",
"utilLogs": [
  {
    "utilHistory": {
      "version": 0
    },
    "valueDateUtilization": {
      "keyId":
"~GETB_VD_UTILS~FACILITY_ID~VALUE_DATE~USER_REFNO",
      "keyValue": "~GETB_VD_UTILS~null~null~null~"
    },
    "collateralsDetails": {
      "version": 0,
      "onceAuthorized": false
    },
    "collateralsPoolDetails": {
      "liabilityDto": {
        "version": 0,
        "liabilityCustomerLinkage": {
          "version": 0,
          "udfs": [],
          "misdetails": [],
          "keyId": "~GETM_LIAB_CUST~CUSTOMER_NO",
          "keyValue": "~GETM_LIAB_CUST~null~",
          "liabCustExposures": [],
          "liabTrackCodes": []
        },
        "keyId": "~GETM_LIAB~LIAB_NO~"
      },
      "ismergeOperation": "N",
      "version": 0
    },
    "tenorDetail": {
      "version": 0
    },
    "action": "NEW",
    "utilId": "0012205700000014",
    "customerNo": "001CUST01",
    "liabId": 82,
    "processNo": 1,
    "transDate": "2022-02-26T00:00:00",
    "utilAmt": 102000,
    "utilCcy": "USD",
    "utilBrn": "001",
    "utilPrd": "COUNTRY",
```

```

        "unColl": 0,
        "tenorBasis": "N",
        "tenor": 0,
        "maturedAmt": 0,
        "matured": "N",
        "amtTag": "BALANCE",
        "module": "GE",
        "valueDate": "2022-02-26T00:00:00",
        "source": "ELCM",
        "userRefNo": "001TRU05",
        "utilStat": "A",
        "authStat": "A",
        "versionNo": 1,
        "inputUserId": "ADMINUSER1",
        "inputDtStamp": "2022-02-26T05:17:00",
        "authId": "ADMINUSER1",
        "authDtStamp": "2022-02-26T05:17:00",
        "liabCcy": "USD",
        "liabBranch": "001",
        "liabUtil": 102000,
        "liabExchRate": 1,
        "liabNo": "001AUT01",
        "lineCd": "001TRF02",
        "lineSerial": 1,
        "isAccount": "N",
        "limitType": "F",
        "limitId": 13,
        "limitCcy": "USD",
        "limitUtil": 102000,
        "limitExchRate": 1,
        "limitCcyUncoll": 0,
        "limitCcyMatured": 0,
        "lineCode": "001TRF02",
        "ismergeOperation": "N",
        "userRefno": "001TRU05",
        "onceAuthorized": false,
        "txnPercent": 0,
        "valueDateUtilizationDto": {
            "keyId":
"~GETB_VD_UTILS~FACILITY_ID~VALUE_DATE~USER_REFNO",
            "keyValue": "~GETB_VD_UTILS~null~null~null~"
        }
    }
}
},
"FCUBS_WARNING_RESP": {
    "WARNING": [
        {
            "WCODE": "ST-SAVE-025",
            "WDESC": "Record Successfully Retrieved"
        }
    ]
},
"FCUBS_ERROR_RESP": {
    "ERROR": []
}

```

```

    },
    "MSGID": "23046054737455002224"
  }

```

2.2.4 Get Valid Lines

This topic describes about the sample request / response for the consumer service **GetValidLines**.

Request/Response

SERVICE-CONSUMER = "ELCM"

SERVICE-CONSUMER-SERVICE="getValidLines"

Request

```

http://cnobfc-cluster-1-ms1.fsgbu-obcbcs-nonprod--obfc-
devtestbank1:7501/FCUBS-ELCMRest/ElValidLimitService/QueryValidLimit/
ccustom/0029702/limitType/F/defaultLiab/D

```

Response

```

{
  "Valid-Limit-Master-Full": {
    "maker": "SYSTEM",
    "makerstamp": "2022-12-13T13:08:37",
    "checker": "SYSTEM",
    "checkerstamp": "2022-12-13T13:08:37",
    "authstat": "A",
    "version": 0,
    "udfs": [],
    "misdetails": [],
    "customerNo": "0029702",
    "limitType": "F",
    "defaultLiab": "D",
    "keyId":
      "~GETM_VALID_LIMIT_MASTER~LIMIT_TYPE~DEFAULT_LIAB",
    "keyValue": "~GETM_VALID_LIMIT_MASTER~F~D~",
    "validFacilityDetailss": [
      {
        "availableAmount": 680,
        "blockAmount": 10,
        "effectiveLineAmount": 1000,
        "limitAmount": 1000,
        "limitAmountBasis": "L",
        "lineCode": "FFG",
        "lineCurrency": "GBP",
        "lineSerial": 1,
        "lineStartDate": "2021-03-17T00:00:00",
        "revolvingLine": "N",
        "utilisation": 310,

```

```
"availabilityFlag": "Y",
"userDefineStatus": "ACTIVE",
"approvedAmt": 1000,
"liabNo": "FORD",
"version": 0,
"keyId": "~GETM_VALID_FACILITY_DETAILS~ID",
"keyValue": "~GETM_VALID_FACILITY_DETAILS~null~"
},
{
  "availableAmount": 10000,
  "blockAmount": 0,
  "effectiveLineAmount": 10000,
  "limitAmount": 10000,
  "limitAmountBasis": "L",
  "lineCode": "FORD_02",
  "lineCurrency": "GBP",
  "lineSerial": 1,
  "lineStartDate": "2021-03-06T00:00:00",
  "revolvingLine": "N",
  "utilisation": 0,
  "availabilityFlag": "Y",
  "userDefineStatus": "ACTIVE",
  "approvedAmt": 10000,
  "liabNo": "FORD",
  "version": 0,
  "keyId": "~GETM_VALID_FACILITY_DETAILS~ID",
  "keyValue": "~GETM_VALID_FACILITY_DETAILS~null~"
},
{
  "availableAmount": 600,
  "blockAmount": 400,
  "effectiveLineAmount": 1000,
  "limitAmount": 1000,
  "limitAmountBasis": "L",
  "lineCode": "LNFORD",
  "lineCurrency": "GBP",
  "lineSerial": 1,
  "lineStartDate": "2021-03-04T00:00:00",
  "revolvingLine": "N",
  "utilisation": 0,
  "availabilityFlag": "Y",
  "userDefineStatus": "ACTIVE",
  "approvedAmt": 1000,
  "liabNo": "FORD",
  "version": 0,
  "keyId": "~GETM_VALID_FACILITY_DETAILS~ID",
  "keyValue": "~GETM_VALID_FACILITY_DETAILS~null~"
},
{
  "availableAmount": 10000,
  "blockAmount": 0,
  "effectiveLineAmount": 10000,
  "limitAmount": 10000,
  "limitAmountBasis": "L",
  "lineCode": "FORD_01",
```

```
        "lineCurrency": "GBP",
        "lineSerial": 1,
        "lineStartDate": "2021-03-04T00:00:00",
        "revolvingLine": "N",
        "utilisation": 0,
        "availabilityFlag": "Y",
        "userDefineStatus": "ACTIVE",
        "approvedAmt": 10000,
        "liabNo": "FORD",
        "version": 0,
        "keyId": "~GETM_VALID_FACILITY_DETAILS~ID",
        "keyValue": "~GETM_VALID_FACILITY_DETAILS~null~"
    }
},
"validObligationDetailss": [],
"validPoolDetailss": [],
"validCollateralDetailss": [],
"validCovenantDetailss": [],
"validLiabilityDetailss": [
    {
        "availableAmount": 999998659,
        "liabBranch": "B01",
        "liabCcy": "USD",
        "liabNo": "FORD",
        "lid": 41,
        "overallLimit": 999999999,
        "utilAmt": 520,
        "liabName": "FORD",
        "version": 0,
        "keyId": "~GETM_VALID_LIABILITY_DETAILS~ID",
        "keyValue": "~GETM_VALID_LIABILITY_DETAILS~null~"
    }
]
},
"FCUBS_WARNING_RESP": {
    "WARNING": [
        {
            "WCODE": "ST-SAVE-025",
            "WDESC": "Record Successfully Retrieved"
        }
    ]
},
"FCUBS_ERROR_RESP": {
    "ERROR": []
},
"MSGID": "22347010836889001221"
}
```

Index

C

Create Block, [2-5](#)

E

ELCM Implementation, [2-1](#)

G

Get Valid Lines, [2-16](#)

O

Oracle Banking Routing Hub, [1-1](#)

Q

Query Utilization, [2-13](#)

S

Service Consumers, [2-3](#)

Service Providers, [2-1](#)

U

Utilize, [2-10](#)