OBRH - OBVAM Integration Guide
Oracle Banking Virtual Account Management
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FINANCIAL SERVICES

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Version 14.4.0.1.0

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1. About this Manual

1.1 <u>Purpose</u>

This manual is to help with Integration of Oracle Banking Virtual Account Management with Oracle Banking Routing Hub Product.

1.2 <u>Audience</u>

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

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

1.3 <u>List of Chapters</u>

Role	Function
Chapter 1	Provides information on the intended audience. It also lists the various chapters covered in this manual.
Chapter 2	This chapter helps you to Integrate Oracle Banking Digital Experience with Oracle Banking Routing Hub product.

1.4 <u>Acronym and Abbreviation</u>

Following are some of the acronyms and abbreviations you are likely to find in the manual:

Abbreviation	Description
OBRH	Oracle Banking Routing Hub
OBVAM	Oracle Banking Virtual Account Management

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2. Integration Guide

2.1 Introduction

This document briefs you about APIs that are configured in OBVAM via Oracle Banking Routing Hub (OBRH). These APIs were earlier configured to use the jars directly for the endpoint for amount block, transaction journaling etc.

For more details on OBRH configuration, refer to the OBRH documentation.

2.2 APIs configured using OBRH

Following are the APIs which are configured using OBRH:

1. **closed ECA**

   Host: FCUBS

   Version: 14.1 / 14.4

2. **EAC**

   Host: FCUBS

   Version:

3. **createECA**

   Host: FCUBS

   Version:

4. **handofftoDDA**

   Host: FCUBS

   Version:

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2.3 Configured Service Providers in OBRH

Multiple DDA providers are added to configure FCUBS 14.1 and FCUBS 14.4. They use SOAP APIs for request/response.

2.4 Consumer Services

Following 4 endpoints are required for 'Consumer Services' to be configured in OBRH:

1. Create an amount block (createECA)

2. Close/release amount block (closeECA)

3. External account check (EAC)

4. Create a transection (handofftoDDA)

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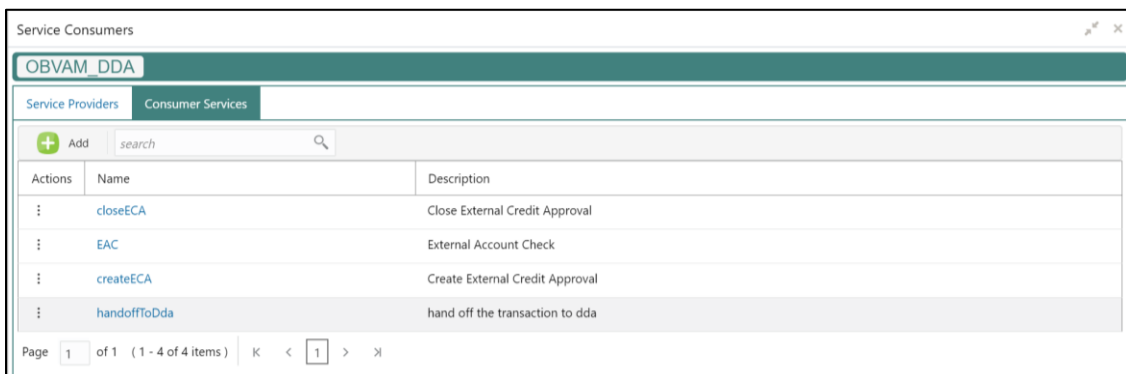
2.4.1 <u>closeECA</u>

14.1 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="closeECA"

Request:

```
{
  "userID": "",
  "currentBranchCode": "",
  "ddaSystem": "",
  "ecaReferenceNo": "",
  "ddaReferenceNo": "",
  "createextRefNo": "",
  "source": "",
  "ecaCloseDetailsDTO": [
    {
      "accountNo": "",
      "accCurreny": "",
      "accountbranch": "",
      "blockStatus": ""
    }
  ]
}
```

Response

```
{

      "MSGSTAT":""

}
```

14.4 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="closeECA"

Request:

```
{
  "userID": "",
  "currentBranchCode": "",
  "ddaSystem": "",
  "ecaReferenceNo": "",
  "ddaReferenceNo": "",
  "createextRefNo": "",
  "source": "",
  "ecaCloseDetailsDTO": [
    {
```

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```
      "accountNo": "",
      "accCurreny": "",
      "accountbranch": "",
      "blockStatus": ""
    }
  ]
}
```

Response

```
{

    "MSGSTAT":""

}
```

2.4.2 <u>EAC</u>

14.1 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="EAC"

Request:

```
{
  "userID": "",
  "currentBranchCode": "",
  "ddaSystem": "",
  "realAccountNo": "",
  "drCrIndicator": "",
  "externalRefNo": "",
  "mcyFlag": "",
  "customerBranchCode": "",
  "ccy": ""
}
```

Response:

```
{

"isValidAccount":""

}
```

14.4 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="EAC"

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Request:

```
{
  "userID": "",
  "currentBranchCode": "",
  "ddaSystem": "",
  "realAccountNo": "",
  "drCrIndicator": "",
  "externalRefNo": "",
  "mcyFlag": "",
  "customerBranchCode": "",
  "ccy": ""
}
```

Response:

```
{

"isValidAccount":""

}
```

2.4.3 **CreateECA**

14.1 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="handoffToDda"

Request:

```
{
  "userID": "",
  "currentBranchCode": "",
  "ddaSystem": "",
  "transactionrefNo": "",
  "creatEextRefNo": "",
  "ecaReferenceNo": "",
  "source": "",
  "effectiveDate": "",
  "ecaBlockDetailsDTO": [
    {
      "accountNo": "",
      "accCurrency": "",
      "accountbranch": "",
      "blockStatus": "",
      "drCrIndicator": "",
      "sweepRequired": "",
      "partialBlkReqd": "",
      "remarks": "",
      "requestBlkAmount": "",
      "approvedBlkAmount": "",
```

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```
        "outstandingBlkAmount": "",
        "partialReleaseAllowed": ""
      }
    ]
}
```

14.4 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="handoffToDda"

Request:

```
{
  "userID": "",
  "currentBranchCode": "",
  "ddaSystem": "",
  "transactionrefNo": "",
  "creatEextRefNo": "",
  "ecaReferenceNo": "",
  "source": "",
  "effectiveDate": "",
  "ecaBlockDetailsDTO": [
    {
      "accountNo": "",
      "accCurrency": "",
      "accountbranch": "",
      "blockStatus": "",
      "drCrIndicator": "",
      "sweepRequired": "",
      "partialBlkReqd": "",
      "remarks": "",
      "requestBlkAmount": "",
      "approvedBlkAmount": "",
      "outstandingBlkAmount": "",
      "partialReleaseAllowed": ""
    }
  ]
}
```

2.4.4 <u>CreateECA</u>

14.1 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="handoffToDda"

Request:

```
{
  "userID": "",
  "currentBranchCode": "",
```

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```
    "ddaSystem": "",
    "externalReferenceNo": "",
    "sourceCode": "",
    "ecaEntriesDetailsDTO": [
      {
        "module": "",
        "transactionRefNo": "",
        "eventserialNo": "",
        "event": "",
        "accBranch": "",
        "accountNumber": "",
        "accCCY": "",
        "drCrIndicator": "",
        "amttag": "",
        "lcyAmt": 0,
        "trnDate": "",
        "valueDate": "",
        "ecaRefernceNo": "",
        "blockReleaseStatus": "",
        "chequeMandatory": "",
        "availBalReqd": "",
        "intraDayRelease": "",
        "availInfo": "",
        "salaryCredit": "",
        "sweepRequried": "",
        "escrow": "",
        "AMLMontoring": "",
        "considerForAccActivity": "",
        "balUpdThruPC": "",
        "txnNarrative": "",
        "txnCode": "",
        "relatedCustomer": "",
        "fcyAmount": 0,
        "exchrate":0
      }
    ]
}
```

Response:

```
{

"MSGSTAT":""

}
```

14.4 Request / Response

SERVICE-CONSUMER = "OBVAM_DDA"
SERVICE-CONSUMER-SERVICE="handoffToDda"

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Request:

```
{
   "userID": "",
   "currentBranchCode": "",
   "ddaSystem": "",
   "externalReferenceNo": "",
   "sourceCode": "",
   "ecaEntriesDetailsDTO": [
      {
         "module": "",
         "transactionRefNo": "",
         "eventserialNo": "",
         "event": "",
         "accBranch": "",
         "accountNumber": "",
         "accCCY": "",
         "drCrIndicator": "",
         "amttag": "",
         "lcyAmt": 0,
         "trnDate": "",
         "valueDate": "",
         "ecaRefernceNo": "",
         "blockReleaseStatus": "",
         "chequeMandatory": "",
         "availBalReqd": "",
         "intraDayRelease": "",
         "availInfo": "",
         "salaryCredit": "",
         "sweepRequried": "",
         "escrow": "",
         "AMLMontoring": "",
         "considerForAccActivity": "",
         "balUpdThruPC": "",
         "txnNarrative": "",
         "txnCode": "",
         "relatedCustomer": "",
         "fcyAmount": 0,
         "exchrate":0
      }
   ]
}
```

Response:

```
{

"MSGSTAT":""

}
```

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