Oracle® Banking Cash Management
Integration Guide

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Purpose

This guide helps you to get acquainted with the information on inter-connecting Oracle® Banking Cash Management to Core Banking, Payments, and Virtual Account Management systems.

Audience

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

Table 1   Audience

Role	Function
Back Office Data Entry Clerk	To input functions for maintenance related to the interface
Implementation teams	For setting up integration

Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

Access to Oracle Support

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Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at Critical Patches, Security Alerts and Bulletins. All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by Oracle Software Security Assurance.

Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

Related Resources

The related documents are as follows:

- *Routing Hub Configuration User Guide*
- *REST API for Oracle Banking Cash Management*
- *Async Application Program Interface Guide*

Conventions

The following text conventions are used in this document:

Convention	Meaning
boldface	Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.
italic	Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.
`monospace`	Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter.

Acronyms and Abbreviations

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

Table 2   Acronyms and Abbreviations

Abbreviation	Description
API	Application Programming Interface
Core DDA	Oracle Banking Digital Experience
ECA	External Credit Approval

1
Overview

This topic provides the overview on inter-connecting Oracle® Banking Cash Management to other systems.

Oracle® Banking Cash Management supports the integration with Core Banking, Payment and Receivables, Liquidity Management, and Virtual Account Management systems for the various use cases. It also provides interfaces for self-service portals.

Oracle FLEXCUBE Universal Banking

This is an outbound integration from Cash Management to Oracle FLEXCUBE Universal Banking system.

Outbound Interface

Oracle® Banking Cash Management supports the following outbound interfaces:

Integration Touch Point	Description
Create ECA Block	To create an ECA block in transaction as part of accounting entries.
Cancel ECA Block	To cancel the ECA block in case the authorizer rejects the transaction or transaction is rolled back before handoff of accounting entries.
Post Accounting Entries	To post accounting entries to Oracle FLEXCUBE Universal Banking after the transaction is authorized or reverse the accounting entries in case the transaction is rolled back after posting of accounting entries.

Oracle Banking Accounts

This is an outbound integration from Cash Management to Oracle Banking Accounts system.

Outbound Interface

Oracle® Banking Cash Management supports the following outbound interfaces:

Integration Touch Point	Description
Create OBA ECA Block	To create an ECA block in transaction as part of accounting entries.
Cancel OBA ECA Block	To cancel the ECA block in case the authorizer rejects the transaction or transaction is rolled back before handoff of accounting entries.
Create OBA Transaction Accounting	To post accounting entries to Oracle Banking Accounts after the transaction is authorized or reverse the accounting entries in case the transaction is rolled back after posting of accounting entries.

Payments and Receivables

This is an inbound integration with Payments and Receivables system.

Inbound Interface

The interface exposed by Cash Management that Payments and Receivables system can consume are:

Integration Touch Point	Description
Incoming payment flow - Create Transaction Details	To create transaction details for incoming payments sent for clearing.

Virtual Account Management

This is an inbound/outbound interface with Virtual Account Management system.

Inbound Interface

The interface exposed by Cash Management system:

Integration Touch Point	Description
Get Account Details	To fetch the Virtual Account Number of a Corporate and display in LOV for user selection so that the user can search Invoices/Payments for reconciliation having the selected virtual account number.
Get Corporate Details	To fetch the corporate details for the given Virtual Account Number.
Get Virtual Account Transaction Code	To check the virtual account transaction code based on real customer during allocation.

Outbound Interface

The outbound interfaces supported by Cash Management system are:

Integration Touch Point	Description
Post Allocation	To post the allocation details to Virtual Account Management with Skip DDA.

Liquidity Management

This is an inbound integration with the Liquidity Management system.

Inbound Interface

The interface exposed by Cash Management system:

Integration Touch Point	Description
Get Bank Account Details	To fetch the Bank Account details such as Account Number, Bank Identifier Code (BIC), Account Currency such that cashflow transaction details can be updated with these details.

Self-Service Portal

This is an inbound integration to Cash Management system from Self-Service portal.

Inbound Interface

The interfaces available for the Self-Service portal are:

- Cash Flow Forecasting

- Expected Cash Flow
- Create Cash Deposit
- View Cash Deposit
- Create Cheque Deposit
- View Cheque Deposit
- Create Cash Withdrawal
- View Cash Withdrawal
- View Pickup/Delivery Point
- Create Receivables and Payables
- View Receivables and Payables
- Manage Receivables and Payables
- Purchase Order Management
- Credit Notes
- Payments Management
- Reconciliation
- View /Edit Netting Structure
- Netting management

2

Inbound APIs

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

Refer to the **REST API Documentation** for the inbound API details.

3

File Upload

This topic provides the information on the various File Upload features supported by Oracle Banking Cash Management.

This topic contains the following subtopics:

- Relationship
  This topics describes the information to perform the bulk upload for the Relationship in Oracle Banking Cash Management.

- Payment
  This topics describes the information to perform the bulk upload for the Payment in Oracle Banking Cash Management.

- Invoice
  This topics describes the information to perform the bulk upload for the Invoice in Oracle Banking Cash Management.

- Debit Note
  This topics describes the information to perform the bulk upload for the Debit Note in Oracle Banking Cash Management.

- Credit Note
  This topics describes the information to perform the bulk upload for the Credit Note in Oracle Banking Cash Management.

- Purchase Order
  This topics describes the information to perform the bulk upload for the Purchase Order in Oracle Banking Cash Management.

- Cashflow Code
  This topics describes the information to perform the bulk upload for the Cashflow Code Change in Oracle Banking Cash Management.

- Cashflow Transaction
  This topics describes the information to perform the bulk upload for the Cashflow Transaction in Oracle Banking Cash Management.

- Instrument Collection
  This topics describes the information to perform the bulk upload for the Instrument Collection in Oracle Banking Cash Management.

3.1 Relationship

This topics describes the information to perform the bulk upload for the Relationship in Oracle Banking Cash Management.

Table 3-1   Relationship - Master Records File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	INDICATOR	VARCHAR2	1	M	This indicates if the record is for Main.
2	CORPORATE_ID	VARCHAR2	20	M	The corporate for whom the Relationship is being created / updated. Based on system flag if only OBSCF is implemented then this can be a Non customer id however then counterparty id's have to be CIF's only and cannot be non-customer. If OBCMS is implemented then this has to be a CIF only and cannot be non -customer id. In this case Counterparties can be a mix of NCID and/or CIF.
3	EFF_FROM_DATE	DATE	-	CM	This field can be equal to Business Date or greater. This field has to be less than "Valid until Date" field. If left blank will be defaulted to branch CBD. In case if the user is uploading the file to only add a counterparty or modify a counterparty this field can be blank and the last saved Date will remain as is thus indicating no update to the file via file upload.
4	EXPIRES_ON	DATE	-	O	Expires On
5	AUTO_DEBIT_APPLICABLE	VARCHAR2	1	O	Debit applicable flag is mandatory at Relationship Level. The value maintained at relationship level automatically applies to all the child records i.e. records in the grid, with respect to buyer or supplier or both unless the bank user explicitly maintains the record for a specific counterparty/spoke at grid level.
6	HOLIDAY_TREATMENT	CHAR	3	CM	Next Business Date or Previous Business Date.Value can be NBD or PBD.

Table 3-1 (Cont.) Relationship - Master Records File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
7	AUTO_ACCEPTANCE	VARCHAR2	1	O	If auto acceptance should be marked as Y Or N, at master level of the scheme. If Blank it will be defaulted to "N". If auto acceptance days is blank and auto acceptance is Y then on upload of invoice the invoice should get accepted. If auto acceptance days is 0 and auto acceptance is Y then in the same day EOD the invoice should get accepted.
8	NO_OF_DAYS	NUMBER	-	CM	If Auto acceptance is "Y" then user can input No. of Days after which the Auto Acceptance is valid. This field can be blank. Maximum value allowed is 999.
9	ALLOW_OVERDUE_RCV	VARCHAR2	1	O	Allow Overdue Receivables
10	MAX_DAYS_OVERDUE	NUMBER	3	O	Maximum Days Overdue
11	EXCESS_HANDLING	VARCHAR2	50	O	Excess Handling
12	EXCESS_REFUND_PARTY	VARCHAR2	20	O	Excess Refund Party
13	EXCESS_REFUND_PAYMENT_MODE	VARCHAR2	20	O	Refund Payment Mode
14	VALIDATE_LINKED_PO	VARCHAR2	1	O	Validate Linked PO
15	PAY_AUTO_DEBIT_APPLICABLE	VARCHAR2	1	O	Automatic Debit Applicable for payables
16	PAY_HOLIDAY_TREATMENT	VARCHAR2	3	CM	Holiday Treatment for payables
17	PAY_AUTO_ACCEPTANCE	VARCHAR2	1	O	Automatic Acceptance for payables
18	PAY_NO_OF_DAYS	NUMBER	-	CM	Number Of Days for payables
19	PAY_ALLOW_OVERDUE_RCV	VARCHAR2	1	O	Allow Overdue Receivables for payables
20	PAY_MAX_DAYS_OVERDUE	NUMBER	3	O	Maximum Days Overdue for payables
21	PAY_VALIDATE_LINKED_PO	VARCHAR2	1	O	Validate Linked PO for payables
22	PAY_EXCESS_HANDLING	VARCHAR2	50	O	Excess Handling for payables
23	PAY_EXCESS_REFUND_PARTY	VARCHAR2	20	O	Excess Refund Party for payables
24	PAY_EXCESS_REFUND_PAYMENT_MODE	VARCHAR2	20	O	Refund Payment Mode for payables

Table 3-1 (Cont.) Relationship - Master Records File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
25	IS_ANOMALY_DETECTION_REQ	VARCHAR2	1	O	Anomaly Detection Required in Invoices
26	PAY_IS_ANOMALY_DETECTION_REQ	VARCHAR2	1	O	Payable Anomaly Detection Required in Invoices

Table 3-2 Relationship - Child Record

S. No	Attribute Name	Type	Size	Mandatory Y/N	Description
1	INDICATOR	VARCHAR2	1	Y	Counter Party Indicator
2	CORPORATE_ID	VARCHAR2	20	Y	Corporate Id
3	COUNTERPARTYID	VARCHAR2	20	CM	Counter Party Id
4	REGISTRATION_NUMBER	VARCHAR2	30	CM	Registration Number
5	PARTY_TYPE	VARCHAR2	5	Y	Party Type
6	STATUS	VARCHAR2	2	N	Status
7	PROGRAM_CODE	VARCHAR2	20	N	Program Code
8	NAME	VARCHAR2	105	Y	Name
9	SHORT_NAME	VARCHAR2	50	N	Short Name
10	INDUSTRY	CHAR	20	N	Industry
11	CATEGORY	VARCHAR2	20	N	Category
12	ADDRESS_TYPE	VARCHAR2	15	Y	Address Type
13	COUNTRY_CODE	VARCHAR2	4	Y	Country Code
14	ADDRESS_LINE_1	VARCHAR2	105	Y	Address Line 1
15	ADDRESS_LINE_2	VARCHAR2	105	N	Address Line 2
16	ADDRESS_LINE_3	VARCHAR2	105	N	Address Line 3
17	ADDRESS_LINE_4	VARCHAR2	105	N	Address Line 4
18	PIN	VARCHAR2	20	Y	Pin Code
19	COUNTRY	VARCHAR2	3	CM	Country
20	PREFFERED_COMM_MODE	VARCHAR2	10	M	Preferred Communication Mode
21	MOBILE_NUMBER	VARCHAR2	20	CM	Mobile Number
22	PHONE_NUMBER	VARCHAR2	20	CM	Phone Number
23	EMAIL	VARCHAR2	50	CM	Email
24	FAX_NUMBER	VARCHAR2	50	CM	Fax Number
25	TAX_REF_NO_1	VARCHAR2	50	N	Tax Reference Number 1
26	TAX_REF_NO_2	VARCHAR2	50	N	Tax Reference Number 2
27	GIIN	VARCHAR2	50	N	Giin
28	EXPIRES_ON	DATE	-	N	Expires On
29	AUTO_DEBIT_APPLICABLE	VARCHAR2	1	N	Automatic Debit Applicable
30	HOLIDAY_TREATMENT	CHAR	3	N	Holiday Treatment

Table 3-2   (Cont.) Relationship - Child Record

S. No	Attribute Name	Type	Size	Mandatory Y/N	Description
31	AUTO_ACCEPTANCE	VARCHAR2	1	N	Automatic Acceptance
32	NO_OF_DAYS	NUMBER	-	N	Number Of Days
33	EXTERNAL_CODE	VARCHAR2	30	N	External Code
34	DIVISION_CODE	VARCHAR2	30	N	Division Code
35	CORPORATE_DIVISION_CODE	VARCHAR2	30	N	Corporate Division Code
36	ALLOW_OVERDUE_RCV	VARCHAR2	1	N	Allow Overdue Receivables
37	MAX_DAYS_OVERDUE	NUMBER	3	N	Maximum Days Overdue
38	EXCESS_HANDLING	VARCHAR2	50	N	Excess Handling
39	EXCESS_REFUND_PARTY	VARCHAR2	20	N	Excess Refund Party
40	EXCESS_REFUND_PAYMENT_MODE	VARCHAR2	20	N	Refund Payment Mode
41	VALIDATE_LINKED_PO	VARCHAR2	1	N	Validate Linked PO
42	IS_ANOMALY_DETECTION_REQ	VARCHAR2	1	-	Anomaly Detection Required in Invoices

Table 3-3   Relationship - External Code

S. No	Attribute Name	Type	Character	Mandatory Y/N	Description
1	INDICATOR	VARCHAR2	1	Y	Party Type Indicator
2	CORPORATE_ID	VARCHAR2	20	Y	Corporate Id
3	COUNTERPARTYID	VARCHAR2	20	Y	Counter Party Id
4	EXTERNAL_CODE	VARCHAR2	30	Y	External Code
5	DIVISION_CODE	VARCHAR2	30	N	Division Code
6	CORPORATE_DIVISION_CODE	VARCHAR2	30	N	Corporate Division Code

3.2 Payment

This topics describes the information to perform the bulk upload for the Payment in Oracle Banking Cash Management.

Table 3-4   Payment File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	DEBIT_CREDIT_INDIATOR	VARCHAR2	1	M	Debit/Credit Indicator
2	PAYMENT_NO	VARCHAR2	50	M	Reference number of core/ payment

Table 3-4   (Cont.) Payment File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
3	CURRENCY	VARCHAR2	3	M	Payment Currency
4	AMOUNT	NUMBER	(28,4)	M	Payment Amount
5	GEN_APPROPRIATION	VARCHAR2	3	O	Generic Appropriation
6	SPEC_APPROPRIATION	VARCHAR2	50	O	Specific Appropriation
7	PAYMENT_MODE	VARCHAR2	20	M	Different modes of payment such as Account Transfer, EFT, Cheque or Cash
8	PAYMENT_DATE	DATE	-	M	Date of Payment
9	PAYMENT_PARTY_CODE	VARCHAR2	30	O	External Code of the Payment Party
10	COUNTERPARTY_CODE	VARCHAR2	30	O	External Code of the Counter Party
11	VIRTUAL_AC_FLAG	VARCHAR2	1	O	Virtual Account Flag Y/N
12	CREDIT_ACC_NO	VARCHAR2	35	CM	Credit account number
13	AUTO_RECONCILE	VARCHAR2	1	M	Auto Reconciliation Y/N
14	FLAG	VARCHAR2	1	O	Send as F for Finance Recon, I for InvoiceRecon
15	ENTITY_REF_NO	VARCHAR2	50	O	Entity Reference Number
16	REMARKS	VARCHAR2	150	O	Remarks
17	PAYMENT_PARTY_ID	VARCHAR2	20	O	Payment Party Id
18	PAYMENT_PARTY_NAME	VARCHAR2	50	O	Name of Payment Party
19	COUNTERPARTY_ID	VARCHAR2	20	O	Counter Party Id
20	COUNTERPARTY_NAME	VARCHAR2	50	O	Name of Counter Party
21	BENEFICIARY_ID	VARCHAR2	20	O	Beneficiary Party Id
22	BENEFICIARY_NAME	VARCHAR2	50	O	Name of Beneficiary
23	PROGRAM_CODE	VARCHAR2	20	O	Program id basis Payment party id and Bene code
24	REMITTER_ACC_NO	VARCHAR2	35	O	Remitter Account number
25	BANK_CODE	VARCHAR2	30	O	IFSC Code of Remitter Bank
26	EFT_REF_NO	VARCHAR2	50	O	Electronic Fund Transfer Reference Number
27	INSTRUMENT_DATE	DATE	-	O	Date of the Instrument like cheque etc
28	INSTRUMENT_BANK	VARCHAR2	50	O	Bank Name of the Instrument presented
29	INSTRUMENT_BRANCH	VARCHAR2	50	O	Branch of the Instrument presented
30	MANDATE_REF_NO	VARCHAR2	35	O	Reference number of Mandate
31	CREDIT_NOTE_REF_NO	VARCHAR2	35	O	Reference number of Credit Note

Table 3-4   (Cont.) Payment File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
32	ALLOCATION_REQUIRED	VARCHAR2	1	M	Allocation to Virtual Account Y/N
33	FILLER1	VARCHAR2	25	O	Additional Field
34	FILLER2	VARCHAR2	25	O	Additional Field
35	FILLER3	VARCHAR2	25	O	Additional Field
36	FILLER4	VARCHAR2	25	O	Additional Field
37	FILLER5	VARCHAR2	25	O	Additional Field
38	FILLER6	VARCHAR2	25	O	Additional Field
39	FILLER7	VARCHAR2	25	O	Additional Field
40	FILLER8	VARCHAR2	25	O	Additional Field
41	FILLER9	VARCHAR2	25	O	Additional Field
42	FILLER10	VARCHAR2	25	O	Additional Field
43	IS_PUA	VARCHAR2	1	O	At the time of reconciliation of incoming payment with Invoice, OBCM application checks if the value is Y in payment record, then the application should mark the reconciled invoice record as PUA.
44	BANK_CHARGE_AMT	NUMBER(28,4)	-	O	Bank Charge Amount
45	DEDUC_AMT	NUMBER(28,4)	-	O	Deduction Amount
46	INST_CLEARED	VARCHAR2	1	O	Instrument Cleared
47	INDIRECT_PAYMENT	VARCHAR2	1	O	Indirect Payment
48	PORTAL_REFERENCE	VARCHAR2	255	O	Portal Reference

3.3 Invoice

This topics describes the information to perform the bulk upload for the Invoice in Oracle Banking Cash Management.

Table 3-5   Invoice File Upload

S. No	Attribute Name	Type	Characters	Mandatory/ Optional	Description
1	INDICATOR*	VARCHAR2	1	M	This flag indicates the record type. "I" lists invoice details, "S" lists shipment details and "C" lists commodity details.
2	INVOICE_NO*	VARCHAR2	25	M	Invoice number given by the supplier is captured through this field.

Table 3-5   (Cont.) Invoice File Upload

S. No	Attribute Name	Type	Charact ers	Mandat ory/ Optiona l	Description
3	INVOICE_DATE*	DATE	-	M	Invoice date as provided by the supplier.
4	INVOICE_DUE_DATE**	DATE	-	O	Mandatory based on the product. Will not be mandatory for dealer finance for example.
5	BUYER_CODE**	VARCHAR2	100	CM	At least one of buyer code/ buyer ID is mandatory.
6	SUPPLIER_CODE**	VARCHAR2	100	CM	At least one of supplier code/ supplier ID is mandatory.
7	CURRENCY*	VARCHAR2	3	M	Invoice Currency is captured through this field.
8	BASE_INV_AMOUNT*	NUMBER	(28,4)	M	This field captures the base invoice amount, i.e. taxes and discounts if any are not reflected.
9	NET_INV_AMOUNT*	NUMBER	(28,4)	M	Net invoice amount is the invoice amount after adjusting for taxes and discounts.
10	TAX_AMOUNT	NUMBER	(28,4)	O	The tax amount charged against an invoice is captured in this field.
11	DISCOUNT	NUMBER	-	O	The discount amount on the base invoice amount is captured in this field.
12	PO_NUMBER	VARCHAR2	25	O	The underlying PO number against an invoice may be captured in this field, if available.
13	BUYER_DIV_CODE	VARCHAR2	20	O	The division code of the buyer as maintained in the division code master may be captured in this field.
14	SUPPLIER_DIV_CODE	VARCHAR2	20	O	The division code of the supplier as maintained in the division code master may be captured in this field.
15	DISPUTED	VARCHAR2	1	O	Flag to capture if an invoice has been disputed by the buyer. Such invoices will not be financed.
16	BUYER_ID**	VARCHAR2	20	CM	At least one of buyer code/ buyer ID is mandatory.
17	SUPPLIER_ID**	VARCHAR2	20	CM	At least one of supplier code/ supplier ID is mandatory.
18	BUYER_NAME	VARCHAR2	50	CM	At least one of supplier code/ supplier ID is mandatory.

Table 3-5   (Cont.) Invoice File Upload

S. No	Attribute Name	Type	Characters	Mandatory/ Optional	Description
19	SUPPLIER_NAME	VARCHAR2	50	CM	The supplier name as per the masters may be captured in this field. There will be no validations for the same.
20	PREACCEPTED	VARCHAR2	1	O	Flag to capture if an invoice is pre-accepted by the buyer. The maintenance for auto-acceptance of invoice will be validated.
21	ACCEPTANCE_AMOUNT	NUMBER	(28,4)	O	Accepted Amount is always less than or equal to the net invoice amount.
22	PROGRAM_ID	VARCHAR2	50	O	Program ID may be input for invoices which require finance, where multiple programs exist between the supplier and buyer. If only one program is defined, the same can be derived by the system.
23	VIRTUAL_AC_FLAG*	VARCHAR2	1	CM	Flag to define if the repayment is to be made to a virtual account or to a physical account.
24	REPAYMENT_AC_NO**	VARCHAR2	50	CM	The account to which repayments may be made for an invoice. The same may be pre-defined at maintenance level itself.
25	BANK**	VARCHAR2	200	O	If repayment account is given and is not an account of the system bank (virtual or physical), bank, branch BIC become mandatory.
26	BRANCH**	VARCHAR2	3	O	If repayment account is given and is not an account of the system bank (virtual or physical), bank, branch BIC become mandatory.
27	BIC_ROUTING_CODE**	NUMBER	9	O	If repayment account is given and is not an account of the system bank (virtual or physical), bank, branch BIC become mandatory.
28	FUNDING_REQ_AMT	NUMBER	(28,4)	O	If repayment account is given and is not an account of the system bank (virtual or physical), bank, branch BIC become mandatory.
29	FILLER1	DATE	-	O	Filler fields to capture additional information.

Table 3-5   (Cont.) Invoice File Upload

S. No	Attribute Name	Type	Characters	Mandatory/ Optional	Description
30	FILLER2	VARCHAR2	25	0	Filler fields to capture additional information.
31	FILLER3	VARCHAR2	25	O	Filler fields to capture additional information.
32	FILLER4	VARCHAR2	25	O	Filler fields to capture additional information.
33	INVOICE_ID*	VARCHAR2	40	O	Filler fields to capture additional information.
34	FUNDING_REQ_DATE	DATE	-	O	Funding Date

3.4 Debit Note

This topics describes the information to perform the bulk upload for the Debit Note in Oracle Banking Cash Management.

Table 3-6   Debit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	INDICATOR*	VARCHAR2	1	M	This flag indicates the record type. For Debit Notes indicator will be DN.
2	DN_NO	VARCHAR2	25	M	Debit Note Reference Number provided by the client.
3	DN_ID	VARCHAR2	40	O	Debit Note ID from Channel.
4	LINK_INVOICE_NO	VARCHAR2	25	O	Invoice Numbers in pipe-separated format, if multiple. Invoices with same currency as debit note currency should be allowed, otherwise the record should get rejected with appropriate message.
5	DN_DATE	DATE	-	M	Debit Note Date.
6	DN_DUE_DATE	DATE	-	M	Debit Note Due Date.
7	BUYER_CODE**	VARCHAR2	100	CM	At least one of buyer code/ buyer ID is mandatory
8	SUPPLIER_CODE**	VARCHAR2	100	CM	At least one of supplier code/ supplier ID is mandatory.
9	CURRENCY*	VARCHAR2	3	M	Currency of Debit Note.
10	BASE_DN_AMOUNT*	NUMBER	(28,4)	O	This field captures the base Note amount, i.e. taxes and discounts if any are not reflected.

Table 3-6   (Cont.) Debit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
11	NET_DN_AMOUNT*	NUMBER	(28,4)	M	Net Note amount is the Note amount after adjusting for taxes and discounts.
12	TAX_AMOUNT	NUMBER	(28,4)	O	The tax amount charged against a note is captured in this field.
13	DISCOUNT	NUMBER	(28,4)	O	The discount amount on the base note amount is captured in this field.
14	BUYER_DIV_CODE	VARCHAR2	20	O	The division code of the buyer as maintained in the division code master may be captured in this field.
15	SUPPLIER_DIV_CODE	VARCHAR2	20	O	The division code of the supplier as maintained in the division code master may be captured in this field.
16	DISPUTED	VARCHAR2	1	O	Flag to capture if an Note has been disputed by the buyer.
17	BUYER_ID**	VARCHAR2	20	CM	At least one of buyer code/ buyer ID is mandatory.
18	SUPPLIER_ID**	VARCHAR2	20	CM	At least one of supplier code/ supplier ID is mandatory.
19	BUYER_NAME	VARCHAR2	50	O	Name of the Buyer
20	SUPPLIER_NAME	VARCHAR2	50	O	Name of the Supplier
21	PREACCEPTED	VARCHAR2	1	O	Flag Whether Debit Note is Preaccepted Y/N
22	ACCEPTANCE_AMOUNT	NUMBER	(28,4)	O	Less than or equal to debit note amount.
23	PROGRAM_ID	VARCHAR2	50	O	Program ID may be input for Notes. In case, if not provided, application will derive the same for OBSCF and OBSCFCM application codes.
24	VIRTUAL_AC_FLAG*	VARCHAR2	1	CM	Flag to define if the repayment is to be made to a virtual account or to a physical account.
25	REPAYMENT_AC_NO**	VARCHAR2	50	CM	The account to which repayments may be made for an Note.
26	BANK**	VARCHAR2	200	O	Name of the Bank.
27	BRANCH**	VARCHAR2	3	O	Name of the Bank Branch.
28	BIC_ROUTING_CODE***	NUMBER	9	O	BIC code/Routing code.
29	FUNDING_REQ_AMT	NUMBER	(28,4)	O	Should be less than or equal to Acceptance Amount.

Table 3-6   (Cont.) Debit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
30	ADJUST_REASON_CODE	VARCHAR2	70	O	Reason codes to be stored in the backend.
31	REMARKS	VARCHAR2	400	O	Field to capture Remarks.
32	FILLER1	DATE	-	O	Filler fields to capture additional information.
33	FILLER2	VARCHAR2	25	O	Filler fields to capture additional information.
34	FILLER3	VARCHAR2	25	O	Filler fields to capture additional information.
35	FILLER4	VARCHAR2	25	O	Filler fields to capture additional information.
36	FILLER5	VARCHAR2	25	O	Filler fields to capture additional information.
37	FILLER6	VARCHAR2	25	O	Filler fields to capture additional information.
38	FILLER7	VARCHAR2	25	O	Filler fields to capture additional information.
39	FILLER8	VARCHAR2	25	O	Filler fields to capture additional information.
40	FILLER9	VARCHAR2	25	O	Filler fields to capture additional information.
41	FILLER10	VARCHAR2	25	O	Filler fields to capture additional information.
42	SHIPMENT_NO	VARCHAR2	100	O	Reference number of Shipment.
43	SHIPMENT_DATE	DATE	-	O	Date of Shipment.
44	SHIPMENT_ADDRESS	VARCHAR2	150	O	Destination address of shipment.
45	SHIPMENT_COUNTRY	VARCHAR2	3	O	Destination Country.
46	EXPORT_REASON	VARCHAR2	50	O	Reason of Export.
47	SALE_TERMS	VARCHAR2	3	O	Any of the Incoterms (as per ICC 2020) may be provided.
48	PAYMENT_TERMS	VARCHAR2	150	O	Terms of Payment.
49	COUNTRY_OF_ORIGIN	VARCHAR2	3	O	Country of Origin of Shipment.
50	FUNDING_REQ_DATE	DATE	-	N	Funding Date
51	ACCOUNT_NAME_FOR_CAN	VARCHAR2	200	N	Account Name For Collection.
52	PAYMENT_MODE_FOR_CAN	VARCHAR2	50	N	Payment Mode For Collection
53	BENE_ADDR1_FOR_CAN	VARCHAR2	200	N	Bene Addr1 For Collection.
54	BENE_ADDR2_FOR_CAN	VARCHAR2	200	N	Bene Addr2 For Collection.

Table 3-6   (Cont.) Debit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
55	BENE_ADDR3_FOR_C AN	VARCHAR2	200	N	Bene Addr3 For Collection.
56	BENE_ADDR4_FOR_C AN	VARCHAR2	200	N	Bene Addr4 For Collection.
57	BENE_CNTRY_FOR_C AN	VARCHAR2	3	N	Bene Cntry For Collection.
58	BENE_PHONE_FOR_C AN	NUMBER	-	N	Bene Phone For Collection.
59	BENE_EMAIL_FOR_CA N	VARCHAR2	150	N	Bene Email For Collection.
60	INTERMEDIARY_BANK _CODE_FOR_CAN	VARCHAR2	9	N	Intermediary Bank Code For Collection.
61	INTERMEDIARY_BANK _NAME_FOR_CAN	VARCHAR2	200	N	Intermediary Bank Name For Collection.
62	INTERMEDIARY_BANK _ADDR1_FOR_CAN	VARCHAR2	200	N	Intermediary Bank Addr1 For Collection.
63	INTERMEDIARY_BANK _ADDR2_FOR_CAN	VARCHAR2	200	N	Intermediary Bank Addr2 For Collection.
64	INTERMEDIARY_BANK _ADDR3_FOR_CAN	VARCHAR2	200	N	Intermediary Bank Addr3 For Collection.
65	INTERMEDIARY_BANK _ADDR4_FOR_CAN	VARCHAR2	200	N	Intermediary Bank Addr4 For Collection.
66	DISBURSEMENT_CRE DT_ACCOUNT	VARCHAR2	200	N	Disbursement Credt Account.
67	ACCOUNT_NAME_FO R_DCA	VARCHAR2	200	N	Account Name For Dca.
68	PAYMENT_MODE_FOR _DCA	VARCHAR2	50	N	Payment Mode For Dca.
69	BENE_ADDR1_FOR_D CA	VARCHAR2	200	N	Bene Addr1 For Dca.
70	BENE_ADDR2_FOR_D CA	VARCHAR2	200	N	Bene Addr2 For Dca.
71	BENE_ADDR3_FOR_D CA	VARCHAR2	200	N	Bene Addr3 For Dca.
72	BENE_ADDR4_FOR_D CA	VARCHAR2	200	N	Bene Addr4 For Dca.
73	BENE_CNTRY_FOR_D CA	VARCHAR2	3	N	Bene Cntry For Dca.
74	BENE_PHONE_FOR_D CA	NUMBER	-	N	Bene Phone For Dca.
75	BENE_EMAIL_FOR_DC A	VARCHAR2	150	N	Bene Email For Dca.
76	BANK_NAME_FOR_DC A	VARCHAR2	200	N	Bank Name For Dca.
77	BRANCH_NAME_FOR_ DCA	VARCHAR2	50	N	Branch Name For Dca.

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Table 3-6   (Cont.) Debit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
78	BANK_IDENTIFIER_CODE_FOR_DCA	VARCHAR2	9	N	Bank Identifier Code For Dca.
79	INTERMEDIARY_BANK_CODE_FOR_DCA	VARCHAR2	9	N	Intermediary Bank Code For Dca.
80	INTERMEDIARY_BANK_NAME_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Name For Dca.
81	INTERMEDIARY_BANK_ADDR1_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr1 For Dca.
82	INTERMEDIARY_BANK_ADDR2_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr2 For Dca.
83	INTERMEDIARY_BANK_ADDR3_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr3 For Dca.
84	INTERMEDIARY_BANK_ADDR4_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr4 For Dca.

3.5 Credit Note

This topics describes the information to perform the bulk upload for the Credit Note in Oracle Banking Cash Management.

Table 3-7   Credit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	INDICATOR*	VARCHAR2	1	M	This flag indicates the record type. CN indicates Credit Note
2	CN_NO	VARCHAR2	25	M	Credit Note Reference Number provided by the client.
3	CN_ID	VARCHAR2	25	O	Credit Note Id from Channel.
4	LINK_INVOICE_NO	VARCHAR2	25	O	Invoice Numbers in pipe-separated format, if multiple.
5	CN_DATE	DATE	-	Y	Credit Note Date
6	CN_EXPIRY_DATE	DATE	-	M	Expiry Date of Credit Note.
7	BUYER_CODE*	VARCHAR2	100	CM	At least one of buyer code/ buyer ID is mandatory
8	SUPPLIER_CODE**	VARCHAR2	100	CM	At least one of supplier code/ supplier ID is mandatory.
9	CURRENCY*	VARCHAR2	3	M	Note Currency is captured through this field. This is always same as Invoice Currency.

Table 3-7   (Cont.) Credit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
10	BASE_CN_AMOUNT*	NUMBER	(28,4)	O	This field captures the base Note amount, i.e. taxes and discounts if any are not reflected.
11	NET_CN_AMOUNT*	NUMBER	(28,4)	M	Net Note amount is the Note amount after adjusting for taxes and discounts.
12	TAX_AMOUNT	NUMBER	(28,4)	O	The tax amount charged against a note is captured in this field.
13	DISCOUNT	NUMBER	-	O	The discount amount on the base note amount is captured in this field.
14	BUYER_DIV_CODE	VARCHAR2	20	O	The division code of the buyer as maintained in the division code master may be captured in this field.
15	SUPPLIER_DIV_CODE	VARCHAR2	20	O	The division code of the supplier as maintained in the division code master may be captured in this field.
16	BUYER_ID**	VARCHAR2	20	CM	At least one of buyer code/ buyer ID is mandatory.
17	SUPPLIER_ID**	VARCHAR2	20	CM	At least one of supplier code/ supplier ID is mandatory.
18	BUYER_NAME	VARCHAR2	20	O	Buyer Name
19	SUPPLIER_NAME	VARCHAR2	20	O	Supplier Name
20	PROGRAM_ID	VARCHAR2	20	O	Program ID may be input for Notes. In case, it is not provided, it may be derived.
21	ADJUST_REASON_CODE	VARCHAR2	2	O	Reason codes to be stored in the backend.
22	REMARKS	VARCHAR2	200	O	Field to capture Remarks.
23	FILLER1	DATE	-	O	Filler fields to capture additional information.
24	FILLER2	DATE	-	O	Filler fields to capture additional information.
25	FILLER3	VARCHAR2	25	O	Filler fields to capture additional information.
26	FILLER4	VARCHAR2	25	O	Filler fields to capture additional information.
27	FILLER5	VARCHAR2	25	O	Filler fields to capture additional information.
28	FILLER6	VARCHAR2	25	O	Filler fields to capture additional information.
29	FILLER7	VARCHAR2	25	O	Filler fields to capture additional information.

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Table 3-7   (Cont.) Credit Note File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
30	FILLER8	VARCHAR2	25	O	Filler fields to capture additional information.
31	FILLER9	VARCHAR2	25	O	Filler fields to capture additional information.
32	FILLER10	VARCHAR2	25	O	Filler fields to capture additional information.

3.6 Purchase Order

This topics describes the information to perform the bulk upload for the Purchase Order in Oracle Banking Cash Management.

Table 3-8   Purchase Order File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	INDICATOR	VARCHAR2	1	M	Indicator
2	PO_EXTERNAL_NUMBER	VARCHAR2	25	M	Purchase order reference number from source system. It should be unique for every buyer.
3	PO_DATE	DATE	-	M	Date of Purchase Order..
4	PROMISED_SHIPMENT_DATE	DATE	-	M	Promised Shipment Date.
5	CURRENCY	VARCHAR2	20	M	Currency of Purchase Order.
6	BASE_PO_AMOUNT	NUMBER	22	M	Amount of Purchase Order.
7	BUYER_ID	VARCHAR2	20	M	Buyer ID
8	SUPPLIER_ID	VARCHAR2	20	M	Supplier ID
9	BUYER_NAME	VARCHAR2	200	N	Name of the Buyer.
10	SUPPLIER_NAME	VARCHAR2	200	N	Name of the Supplier.
11	DISCOUNT	NUMBER	22	N	Amount of Discount.
12	TAX_AMOUNT	NUMBER	22	N	Tax amount.
13	NET_PO_AMOUNT	NUMBER	22	M	Net Purchase Order Amount.
14	ACCEPTANCE_AMOUNT	NUMBER	(28,4)	CM	Acceptance Amount.
15	BUYER_DIVISION_CODE	VARCHAR2	20	O	Buyer Division Code.
16	SUPPLIER_DIVISION_CODE	VARCHAR2	20	O	Supplier Division Code.
17	PREACCEPTED	VARCHAR2	1	O	Pre Accepted Flag,Y/N
18	FUNDING_REQ_AMOUNT	NUMBER	(28,4)	O	Funding Request Amount.

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Table 3-8   (Cont.) Purchase Order File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
19	FUNDING_REQ_DATE	DATE	-	O	funding request date.
20	PROGRAM_ID	VARCHAR2	150	N	Program Id
21	SHIPMENT_ADDR1	VARCHAR2	150	N	Shipment Address line 1.
22	SHIPMENT_ADDR2	VARCHAR2	150	N	Shipment Address line 2.
23	SHIPMENT_ADDR3	VARCHAR2	20	N	Shipment Address line 3.
24	COUNTRY	VARCHAR2	20	N	Name of the Country
25	ZIPCODE	VARCHAR2	30	N	Zipcode
26	CITY	VARCHAR2	30	N	Name of the City
27	TAX_ID	DATE	-	M	Tax Id number
28	REQUESTED_SHIPMENT_DATE	DATE	-	M	Requested Shipment Date
29	SHIPMENT_TO	VARCHAR2	-	N	Shipment To
30	PHONE_NUMBER	VARCHAR2	20	N	Phone Number
31	REASON_FOR_EXPORT	VARCHAR2	200	N	Reason for Export
32	TERMS_OF_SALE	VARCHAR2	5	N	Terms of Sale
33	PAYMENT_TERMS	VARCHAR2	50	N	Payment Terms
34	COUNTRY_OF_ORIGIN	VARCHAR2	20	N	Country of Origin
35	REMARKS	VARCHAR2	40	N	Remarks
36	MISC_CHARGE1_DESC	VARCHAR2	20	N	Label 1 for misc charge amount.
37	MISC_CHARGE1_AMOUNT	NUMBER	(28,4)	N	Amount should be added in net PO amount.
38	MISC_CHARGE2_DESC	VARCHAR2	20	N	Label 2 for misc charge amount.
39	MISC_CHARGE2_AMOUNT	NUMBER	(28,4)	N	Amount should be added in net PO amount.
40	FILLER1	VARCHAR2	25	N	Additional field
41	FILLER2	VARCHAR2	25	N	Additional field
42	FILLER3	VARCHAR2	25	N	Additional field
43	FILLER4	VARCHAR2	25	N	Additional field
44	FILLER5	VARCHAR2	25	N	Additional field
45	FILLER6	VARCHAR2	25	N	Additional field
46	PO_ID	VARCHAR2	40	N	Po Id
47	DISBURSEMENT_CREDT_ACCOUNT	VARCHAR2	50	N	Disbursement Credt Account.
48	ACCOUNT_NAME_FOR_DCA	VARCHAR2	200	N	Account Name For Dca.
49	PAYMENT_MODE_FOR_DCA	VARCHAR2	50	N	Payment Mode For Dca.
50	BENE_ADDR1_FOR_DCA	VARCHAR2	200	N	Bene Addr1 For Dca

Table 3-8   (Cont.) Purchase Order File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
51	BENE_ADDR2_FOR_DCA	VARCHAR2	200	N	Bene Addr2 For Dca
52	BENE_ADDR3_FOR_DCA	VARCHAR2	200	N	Bene Addr3 For Dca
53	BENE_ADDR4_FOR_DCA	VARCHAR2	200	N	Bene Addr4 For Dca
54	BENE_CNTRY_FOR_DCA	VARCHAR2	3	N	Bene Cntry For Dca
55	BENE_PHONE_FOR_DCA	NUMBER	20	N	Bene Phone For Dca
56	BENE_EMAIL_FOR_DCA	VARCHAR2	150	N	Bene Email For Dca
57	BANK_NAME_FOR_DCA	VARCHAR2	200	N	Bank Name For Dca
58	BRANCH_NAME_FOR_DCA	VARCHAR2	50	N	Branch Name For Dca
59	BANK_IDENTIFIER_CODE_FOR_DCA	VARCHAR2	11	N	Bank Identifier Code For Dca
60	INTERMEDIARY_BANK_CODE_FOR_DCA	VARCHAR2	11	N	Intermediary Bank Code For Dca
61	INTERMEDIARY_BANK_NAME_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Name For Dca
62	INTERMEDIARY_BANK_ADDR1_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr1 For Dca
63	INTERMEDIARY_BANK_ADDR2_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr2 For Dca
64	INTERMEDIARY_BANK_ADDR3_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr3 For Dca
65	INTERMEDIARY_BANK_ADDR4_FOR_DCA	VARCHAR2	200	N	Intermediary Bank Addr4 For Dca

3.7 Cashflow Code

This topics describes the information to perform the bulk upload for the Cashflow Code Change in Oracle Banking Cash Management.

Table 3-9   Cashflow Code File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	CASHFLOW_TYPE	VARCHAR2	1	M	Cashflow Type
2	SOURCE_APPLICATION	VARCHAR2	20	M	Source Application Details

Table 3-9   (Cont.) Cashflow Code File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
3	CHANNEL	VARCHAR2	50	M	Channel Details
4	CORPORATE_ID	VARCHAR2	10	O	The CIF of the corporate for whom this cashflow is sent.
5	CODE	VARCHAR2	10	M	The code maintained in OBCMS else new code.
6	DESCRIPTION	VARCHAR2	50	M	The description of the code, which will display on Reports /UI. In case if the code is already maintained but with a different description; reports will display the description that has come in the message When a txn is received ; the description if available in txn will be stored else will be taken from Code master table. In case a new code comes with blank description ; code will be stored as description.
7	PARENT_ID	VARCHAR2	10	O	In case if the data is received for a child ; then source system needs to pass the parent id thus mapping the parent – child relationship In case if the mentioned parent id is not available in OBCMS or in the file .

3.8 Cashflow Transaction

This topics describes the information to perform the bulk upload for the Cashflow Transaction in Oracle Banking Cash Management.

Table 3-10   Cashflow Transaction File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	EXTERNAL_REFEREN CE_NO	VARCHAR2	50	M	The reference number of the record from external system. This number has to be unique for the source system. In case of updates / modifications ; system will match on this reference number and refresh (drop and recreate).
2	CASHFLOW_INDICATO R	VARCHAR2	1	M	Cashflow Indicator
3	CORPORATE_ID	VARCHAR2	50	M	The CIF of the corporate for whom this cashflow is sent.
4	CODE	VARCHAR2	10	M	The code maintained in OBCMS else new code.
5	DESCRIPTION	VARCHAR2	50	O	The description of the code, which will display on Reports /UI. In case if the code is already maintained but with a different description; reports will display the description that has come in the message. When a txn is received ; the description if available in txn will be stored else will be taken from Code master table. In case a new code comes with blank description ; code will be stored as description.
6	BANK_ACCOUNT_NU MBER	VARCHAR2	50	O	The bank account number of the corporate from or to where the Inflow / outflow event will happen.
7	VIRTUAL_ACCOUNT_N UMBER	VARCHAR2	35	O	Virtual account number linked to the bank account number which may be used for reconciliation or allocation.
8	AMOUNT	NUMBER	(28,4)	M	The amount of cashflow .
9	ACTUAL_AMOUNT	NUMBER	(28,4)	O	The actual amount that was to be paid / recd. If blank Amount field can be copied here.
10	CCY	VARCHAR2	3	M	The currency code for the amount.

Table 3-10   (Cont.) Cashflow Transaction File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
11	EXPECTED_DATE	DATE	-	M	The expected date on which the cashflow i.e. inflow or outflow will happen. Maximum can be upto 6 months in future or past from Current Date i.e. Current + 6 months and / or Current Month - 6 months.
12	REVISED_EXPECTED_ DATE	DATE	-	O	The date on which the cashflow is envisaged i.e. suppose a invoice is due in Mar 2020 but the vendor has already mentioned that payment will be made in May 2020; so revised expected date is deviation of date on which the payment will release ; if blank will be defaulted to "Expected Date".
13	ACTUAL_DATE	DATE	-	CM	The date on which this inflow / outflow actually happened. This date cannot be greater than Branch CBD. The date can be less than or equal to branch CBD. This will flow for historic records i.e. where payments have been received till CBD. If blank default to Revised Expected Date.
14	CHANNEL	VARCHAR2	10	O	The channel from where the cashflow data is flowing.
15	APPLICATION_NAME	VARCHAR2	50	M	The specific module within the channel where this cashflow will get impacted.
16	PARTY_NAME	VARCHAR2	50	O	The name of the party to / from whom the cash flow will be impacted in case of outflow this will be name of the recipient and in case of an inflow it will be the name of the payee
17	PARTY_ID	VARCHAR2	30	O	This is the party id from / to whom the cashflow will be impacted. This id may or may not exist in OBCMS ; however it will be the basis on which the cashflow will be rolled up , grouped by etc.

Table 3-10   (Cont.) Cashflow Transaction File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
18	STATUS	VARCHAR2	30	O	Cashflow Transaction Status. If blank or Active, it will be considered as 'Active'. If user sends values as 'Delete', record will be considered as soft delete and will not be picked by Reports, screen etc.
19	NARRATION	VARCHAR2	50	M	This field will capture narration; this will be only stored for now and not displayed anywhere.
20	T_UDF_TXT_1	VARCHAR2	100	O	User Defined Field 1
21	T_UDF_TXT_2	VARCHAR2	100	O	User Defined Field 2
22	T_UDF_TXT_3	VARCHAR2	100	O	User Defined Field 3
23	T_UDF_TXT_4	VARCHAR2	100	O	User Defined Field 4
24	T_UDF_TXT_5	VARCHAR2	100	O	User Defined Field 5
25	T_UDF_TXT_6	VARCHAR2	100	O	User Defined Field 6
26	T_UDF_TXT_7	VARCHAR2	100	O	User Defined Field 7
27	T_UDF_TXT_8	VARCHAR2	100	O	User Defined Field 8
28	T_UDF_TXT_9	VARCHAR2	100	O	User Defined Field 9
29	T_UDF_TXT_10	VARCHAR2	100	O	User Defined Field 10
30	CUSTOMER_REF_NO	VARCHAR2	50	O	Customer Reference Number
31	EXCLUDE_RECON	VARCHAR2	1	O	Exclude Recon Flag
32	CORPORATE_REF_NO	VARCHAR2	50	O	Corporate Ref No
33	SOURCE	VARCHAR2	20	O	Source
34	BIC_CODE	VARCHAR2	15	O	BIC Code
35	OWN_BANK_YN	VARCHAR2	1	O	Own Bank Flag

3.9 Instrument Collection

This topics describes the information to perform the bulk upload for the Instrument Collection in Oracle Banking Cash Management.

Table 3-11   Instrument Collection File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
1	INDICATOR	VARCHAR2	50	Y	This field will indicate the data is of what type i.e. D and I.

Table 3-11   (Cont.) Instrument Collection File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
2	BRANCH_CODE	VARCHAR2	3	Y	The branch from where or on behalf of which branch this data is being uploaded.
3	DEPOSIT_CHANNEL	VARCHAR2	50	Y	The channel from where the instruments are received i.e. Branch or Courier.
4	COURIER_CODE	VARCHAR2	15	CM	This field indicates the Courier Code; code will be from the courier code master. If the deposit selection channel is Courier ; then this field is mandatory.
5	CONSIGNMENT_NO	VARCHAR2	30	N	The consignment number as assigned by the Courier. If the deposit selection channel is Courier ; then this field can be filled up.
6	CONSIGNMENT_DATE	DATE	-	N	It cannot be greater than the Current date (Branch date).
7	CONSIGNMENT_RECEIPT_TIME	TIME	-	N	Input In format of 24 hrs. HR MM SS
8	FINANCIAL_POSTING	VARCHAR2	1	Y	The field determines if GL entries need to be posted or not. If user has left it blank then default to "N".
9	PROCESSING_DATE	DATE	-	N	The date on which the Deposit slips are entered Based on the "Financial Posting" field; if it is selected as "N"; then user will have to input the date else will be defaulted to current business date of the branch.
10	ACK_RECEIPT_NO	VARCHAR2	50	N	This field will capture acknowledgment if any , for the Batch.
11	BAG_WEIGHT	NUMBER	(11,4)	N	The weight of the bag / package when received.
12	INITIATOR_REF_NO	VARCHAR2	50	N	In case if there is a reference number available when the package is received; it can be captured here.
13	TOTAL_BATCH_AMT_CCY	VARCHAR2	3	Y	The currency in which the instruments are collected i.e. USD, INR , SGD.
14	DEPOSIT_SLIP_NO	VARCHAR2	10	Y	This field will be an input field where the user can enter the deposit slip number.

Table 3-11   (Cont.) Instrument Collection File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
15	CORPORATE_ID	VARCHAR2	20	Y	This field indicates the Corporate ID for whom the instrument collection entry is being made. Non customer id should not be allowed.
16	DIVISION_CODE	VARCHAR2	20	CM	Division code against which the funds for the deposit slip need to be allocated. Division code input here should be maintained for this corporate. This field is mandatory if in Corporate Enrichment "Division Code Mandatory "is marked as Y.
17	CREDIT_ACCOUNT_NO	VARCHAR2	35	N	This field indicate the account number to which the funds needs to be credited. This field is non mandatory for the user for file upload as he can leave it blank.
18	ACCOUNT_TYPE	VARCHAR2	30	Y	The user can define whether the credit account selected is of type Real or Virtual i.e. R or V. Default will be R.
19	DEPOSIT_SLIP_DATE	DATE	-	Y	The date, which is printed / available on deposit, slip summary. Can be backdated ; can be current branch date but cannot be future dated.
20	PICKUP_LOCATION_CODE	VARCHAR2	105	Y	This is the location from where the deposit slip has been collected. If Deposit channel is Courier then this field is mandatory. Location has to be part of the Location master maintained for the corporate.
21	PICKUP_POINT_CODE	VARCHAR2	15	Y	The exact pick up point of the Deposit.
22	PICKUP_DATE	DATE	-	N	The date and TS when the cheque's / Instrument was collected. If blank can be defaulted to current business date of the branch.

Table 3-11   (Cont.) Instrument Collection File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
23	UDF1	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
24	UDF2	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
25	UDF3	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
26	UDF4	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
27	UDF5	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
28	UDF6	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
29	UDF7	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
30	UDF8	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
31	UDF9	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
32	UDF10	VARCHAR2	50	N	The user will input enrichment labels, can be multiple (as defined in Corporate Enrichment).
33	MISC1	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
34	MISC2	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.

Table 3-11   (Cont.) Instrument Collection File Upload

S. No	Attribute Name	Type	Character	Mandatory/ Optional	Description
35	MISC3	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
36	MISC4	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
37	MISC5	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
38	MISC6	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
39	MISC7	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
40	MISC8	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
41	MISC9	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.
42	MISC10	VARCHAR2	50	N	Any miscellaneous information that user wants to capture for the deposit slip for e.g. Mobile number.

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Events

This topic provides the information on the list of events in Oracle® Banking Cash Management.

Refer to the **Async Application Program Interface Guide** for the event details.

5

Outbound API calls through Oracle Banking Routing Hub

This topic provides the information on the outbound API calls to Oracle® Banking Cash Management.
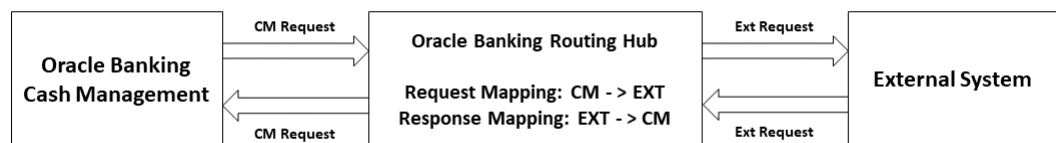
Oracle® Banking Cash Management supports the outbound API calls from the below-listed products through Oracle Banking Routing Hub.

- Oracle FLEXCUBE Universal Banking
- Oracle Banking Accounts
- Oracle Banking Virtual Account Management
- Oracle Banking Liquidity Management
- Oracle Banking Payments

Introduction

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

Figure 5-1   Oracle Banking Routing Hub Integration

For more details on configuration, refer to **Routing Hub Configuration User Guide**.

Integration Service

Oracle FLEXCUBE Universal Banking Integration
Oracle® Banking Cash Management requires the following services for Oracle FLEXCUBE Universal Banking integration. Make sure that the following services are available before the implementation:

Table 5-1   Oracle FLEXCUBE Universal Banking - Integration Services

S No	Integration Touch Point	Description	Mandatory Request Parameters	Mandatory Response Parameters
1	Create ECA Block	Used to create an ECA block in transaction as part of accounting entries	Customer Account No Branch Amount Currency Source System Operation	Ref No Error Code Error Description
2	Cancel ECA Block	Usedto cancel the ECA block in case the authorizer rejects the transaction or transaction is rolled back before handoff of accounting entries	Customer Account No Branch Amount Currency Source System Operation	Ref No Error Code Error Description
3	Post Accounting Entries	Used to post accounting entries to Oracle FLEXCUBE Universal Banking after the transaction is authorized or reverse the accounting entries in case transaction is rolled back after posting of accounting entries	Module Dr/Cr Indicator Event Account Branch Account No Account Currency Amount Currency Amount LCY Amount ECABlock Ref No Block Release Status	Ref No Error Code Error Description

Oracle Banking Accounts Integration

Oracle® Banking Cash Management requires the following services for Oracle Banking Accounts integration. Make sure that the following services are available before the implementation:

Table 5-2   Oracle Banking Accounts - Integration Services

S No	Integration Touch Point	Description	Mandatory Request Parameters	Mandatory Response Parameters
1	Create OBA ECA Block	Used to create an ECA block in transaction as part of accounting entries	Transaction Reference No Branch Source Account No Account Branch Account Currency Block Type Block Expiry Date Partial Release Allowed Requested Block Amount Block Reference No	txnInitDate txnStatus txnRefNo ecaRefNo requestTrackId accountNo ecaRefNo blockRefNo blockStatus approvedBlkAmt outStandingBlkAmt requestedBlkAmt status
2	Cancel OBA ECA Block	Used to cancel/close the ECA block in case the authorizer rejects the transaction or transaction is rolled back before handoff of accounting entries	ecaRefNo	txnStatus
3	Create OBA Transaction Accounting	Used to post accounting entries to Oracle Banking Accounts after the transaction is authorized or reverse the accounting entries in case the transaction is rolled back after posting of accounting entries	txnRefNo txnBranch event eventSrNo txnInitDate source accountingRequest Details	txnStatus txnRefNo eaRefNo transactionAccount ingDetails

Payments Integration

Oracle® Banking Cash Management requires the following services for Oracle Banking Payments integration. Make sure that the following services are available before the implementation:

Table 5-3   Oracle Banking Payments - Integration Services

S No	Integration Touch Point	Description	Mandatory Request Parameters	Mandatory Response Parameters
1	Incoming payment flow - Create Transaction Details	Used to create the transaction detail for incoming payments sent for clearing	userId hostCode instrumentAmount instrumentIssueDate SourceCode CrAcNo InstrumentNo networkCode sourceRefNo drawerAcNo drawerRoutingNo	Txnrefno sourceCode sourceRefno Error Description userRefNo MSGSTATUS TXNID respCode respDesc

Oracle Banking Liquidity Management

Oracle® Banking Cash Management requires the following services for Oracle Banking Liquidity Management integration. Make sure that the following services are available before the implementation:

Table 5-4   Oracle Banking Liquidity Management - Integration Services

S No	Integration Touch Point	Description	Mandatory Request Parameters	Mandatory Response Parameters
1	AccBalanceDetails	Used to fetch the Bank Account details such as Account Number, Bank Identifier Code (BIC), Account Currency such that cashflow transaction details can be updated with these details	corporateId bankAccountNumber	customerId accountNumber accountDescription currency bicCode

Oracle Banking Virtual Account Management Integration

Oracle® Banking Cash Management requires the following services for Oracle Banking Virtual Account Management integration. Make sure that the following services are available before the implementation:

Table 5-5   Oracle Banking Virtual Account Management - Integration Services

S No	Integration Touch Point	Description	Mandatory Request Parameters	Mandatory Response Parameters
1	VirtualAccDetails	Used to fetch Virtual Account Numbers of a Corporate and display in LOV for user selection so that the user can search Invoices/Payments for reconciliation having the selected virtual account number	CorporateId SourceSystem	CorporateId Multiple Virtual Account Numbers Real Account Account Currency
2	CorporateDetails	Used to fetch corporate details for the given Virtual Account Number	virtualAccountNo SourceSystem	CorporateId Multiple Virtual Account Numbers Real Account Account Currency
3	VirtualAccPost	Used to get the virtual account transaction code	realCustomerNumber	Transactioncode
4	PostAllocation	Used to post the allocation details to Virtual Account Management with Skip DDA	sourceCode txnAccountBrn txnAccount txnAccountCcy txnCcy txnCode skipDDAEntries drCrInd txnAmount	-

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