

# Oracle® Banking Cash Management

## EOD Configuration Guide



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ORACLE®

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# Preface

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## Purpose

This guide provides the information on the required set up to run the End of Day processes.

## Audience

This guide is intended for WebLogic admin or ops-web team who are responsible for installing the OFSS banking products.

## 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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## 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:

- *Oracle Banking Security Management System User Guide*
- *Oracle Banking Common Core User Guide*
- *Oracle Banking Getting Started User Guide*
- *Cashflow Forecasting User Guide*
- *Collections User Guide*
- *Netting User Guide*
- *Receivables and Payables User Guide*

## Conventions

The following text conventions are used in this document:

| Convention      | Meaning  |
|-----------------|--|
| <b>boldface</b> | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| <i>italic</i>   | Italic type indicates book titles, emphasis, or placeholder variables for which 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. |

## Screenshot Disclaimer

Personal information used in the interface or documents are dummy and does not exist in the real world. It is only for reference purposes.

## Acronyms and Abbreviations

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

**Table 1 Acronyms and Abbreviations**

| Abbreviation | Description                       |
|--------------|-----------------------------------|
| API          | Application Programming Interface |
| EOD          | End of Day                        |

# 1

## Introduction

Oracle® Banking Cash Management allows the user to execute several functions every day on a routine basis as part of the End of Day (EOD) process. These functions can be run at various stages of the EOD process.

The End of Day process is used to tie up all the operations for a financial day and prepare the system for the next day. The EOD process should be defined for a branch and executed separately for each branch. When the process is running, you could monitor it from **Invoke EOD** screen.

EOD uses Oracle Banking Microservice Architecture Orchestrator and Batch service for orchestrating all the jobs required to complete End of Day processing.

# 2

## EOD Configuration

This topic describes the systematic instructions to configure EOD operations.

Specify **User ID** and **Password**, and login to **Home** screen.

The following functional activities need to be maintained in user's role to perform EOD operations:

- CMC\_FA\_BRANCH\_EOD\_PROCESS

Please download ObcmEod.json, ObcmEodBranch.json and ObscfcmEod.json\*.

Use ObcmEod.json for head office branch EOD execution . Use ObcmEodBranch.json for branch Specific EOD execution.

### Note

- Refer the **Create User** section in *Oracle Banking Security Management System User Guide*
- The **ObscfcmEod.json** marked with an asterisk (\*) is applicable only if the Oracle® Banking Cash Management application is co-deployed with Oracle Banking Supply Chain Finance.

### **Business Process Maintenance:**

The standard batch process definition script that includes the list of batch tasks to be automatically executed in a sequence. The batch process definition for OBSCFCM\_EOD are preloaded and available in **Business Process Maintenance** screen. The user can modify or create the new batch process based on the requirements.

### Note

Refer the **Business Process Maintenance** topic in **Tasks User Guide** for the detailed explanation.

### **Configure EOD:**

The following steps needs to be performed to configure EOD for a branch.

### Note

Refer the **Branch EOD** section in *Oracle Banking Common Core User Guide*.

1. On **Core Maintenance** menu, under **Branch EOD**, click **Configure EOD**.

The **Configure EOD** screen displays.



**Figure 2-1 Configure EOD**

The screenshot shows a 'Configure EOD' window. It contains three text input fields: 'Branch Code' (with a search icon and 'Required' label), 'Description', and 'Workflow Name' (with 'Required' label). The background features a repeating pattern of concentric circles. At the bottom right, there are 'Cancel' and 'Save' buttons.

2. Click the search icon and select the **Branch Code** to configure the batch.
3. Specify the **Workflow Name** in the respective field.

**Note**

The value specified in **Workflow name** field must be exactly same as the **first name** attribute specified in batch process definition JSON file.

**Sample Workflow Name:**

```
{
  "name": "OBSCFCM_EOD",
  "version": 1,
  "description": "OBSCFCM EOD BATCH",
  "tasks": [
```

**Invoke EOD:**

The following steps needs to be performed to run EOD for a branch.

**Note**

Refer the **Branch EOD** section in *Oracle Banking Common Core User Guide*.

4. On **Home** screen, click **Core Maintenance**. Under **Core Maintenance** menu, click **Branch EOD**.
5. Under **Branch EOD**, click **Invoke EOD**.

The **Invoke EOD** screen displays.

**Figure 2-2 Invoke EOD**

The screenshot shows a web application titled "Invoke EOD". It has a header bar with a search icon and a close button. The main content area is divided into two sections. The top section, "Initiate End of Day Batch Operation", contains three input fields: "Branch Code" (with the value "004" and a search icon), "Description" (with the value "004 Branch"), and "Current Branch Date" (with the value "2022-09-20"). Below these fields are three buttons: "Start", "Retry", and "Reset". The bottom section, "View End of Cycle Processes", contains a "Refresh" button and an "Auto Refresh(00s)" toggle switch. The background of the application has a subtle pattern of overlapping circles.

6. Click the search icon and select the **Branch Code** to run EOD.
7. Click **Start** button to run the EOD for the selected branch.
8. Click **Refresh** to view the current status of branch.

# 3

## Oracle® Banking Cash Management Jobs

This topic describes about the various Batch Jobs performed in the Oracle® Banking Cash Management application.

**Table 3-1 Oracle® Banking Cash Management Jobs**

| Serial Number | Job Name                 | Description   |
|---------------|--------------------------|---|
| 1             | Common_Core_Eod_flag     | Fetch flag is used to decide whether the common core events needs to be executed or not.  |
| 2             | Check Holidays*          | This job is used to check whether the current day is a holiday.   |
| 3             | Last Iteration Check*    | This job is used to check whether the current day is a last day of holiday.   |
| 4             | Set Updated Date Count*  | This job is used to go to the next holiday if the current day is not the last day of holiday.   |
| 5             | Outstanding Txn*         | This job is used for accrual marking, that is, to fetch the latest interest amounts.  |
| 6             | Modify Contract*         | This job reprises the finance transactions.   |
| 7             | Limit Structure Refresh* | If ELCM integration required flag is True, this job executes and synchronises the limit structure data with the external systems.   |
| 8             | Invoice Limit Approval   | This job performs the limit approval job when the Common Core Eod flag is N.  |
| 9             | Stale Invoice*           | This job marks the invoices as stale based on the configured settings for each product.   |
| 10            | Overdue Invoices         | This job updates the invoices as Overdue.<br><b>Note:</b> This job runs branch specific.  |
| 11            | Invoice Charges          | This job calculates the charges for invoices. Invoices are grouped into different bunches, and all the applicable charges are applied for each bunch. Once the charges are applied, those are calculated immediately for online charges. In case of periodic charges, the charges are calculated when the charge calculation date matches the business date on which EOD has run. Accounting entries are posted for the calculated charges. |

Table 3-1 (Cont.) Oracle® Banking Cash Management Jobs

| Serial Number | Job Name                 | Description   |
|---------------|--------------------------|---|
| 12            | PO Charges               | This job calculates the charges for the purchase orders. Purchase orders are grouped into different bunches, and all the applicable charges are applied for each bunch. Once the charges are applied, those are calculated immediately for online charges. In case of periodic charges, the charges are calculated when the charge calculation date matches the business date on which EOD has run. Accounting entries posted for the calculated charges. |
| 13            | Cheque Charges           | This job calculates and collect the periodic charges for cheque transactions. All the applicable charges are calculated for the transactions in the system, and charges entries are stored in tables for further processing.  |
| 14            | Cash Charges             | This job calculates and collect the periodic charges for cash transactions. All the applicable charges are calculated for the transactions in the system, and charges entries are stored in tables for further processing.<br><b>Note:</b> This job runs branch specific.   |
| 15            | Withdrawal Charges       | This job calculates and collect the periodic charges for cash withdrawal transactions. All the applicable charges are calculated for the transactions in the system, and charges entries are stored in tables for further processing.<br><b>Note:</b> This job runs branch specific.  |
| 16            | Charges Batch Processing | This job collects the calculated charges for transactions in system and does the calculation when the charge calculation date matches the business date on which EOD has run. Also, it does the account generation and posting of the calculated charges.   |
| 17            | NPA*                     | This job identifies the outstanding loans and mark customer as NPA.   |
| 18            | External_NPA*            | If the external NPA is required, this job will get executed.  |
| 19            | Product Expired*         | This job checks and marks the product as expired if the effective till date has passed the business date.   |
| 20            | Program Expired*         | This job checks and marks the program as expired if the effective till date has passed the business date.   |
| 21            | Limit Structure Expired* | This job checks and marks the limit structure as expired if the effective till date has passed the business date.   |

Table 3-1 (Cont.) Oracle® Banking Cash Management Jobs

| Serial Number | Job Name               | Description  |
|---------------|------------------------|--|
| 22            | Relationship Expired   | This job closes the relationship as per expiry date configured in the system.  |
| 23            | Netting Eligibility    | This job creates the netting transactions which comprises of receivables and payables eligible for netting based on the structure parameters defined at global netting center and parent subsidiaries level. The receivables and payables would be filtered based on the netting parameters, and finally a netting amount and net receivable or payables due will get calculated per parent subsidiary.  |
| 24            | Netting Acceptance     | This job marks the netting transaction of parent subsidiaries for whom the Auto Approval flag is enabled as "accepted", only if the netting transaction is in "awaiting acceptance" state and the branch date is greater than or equal to settlement date.   |
| 25            | Netting Settlement     | This job updates the structures in which the transactions which are not in "awaiting acceptance" state and the settlement date is less than or equal to branch date. This batch creates the payin/payout transactions for sub-center and global netting centers. Also, the payin and payout gets recalculated based on the final acceptance/rejection status at invoice level. Post settlement, the payin-payout can be initiated on netting transactions (parent subsidiary level). |
| 26            | Alerts                 | This job identifies all the alerts that has to be sent in EOD, generates, and sends them.  |
| 27            | Netting FX Rate Update | This job updates the FX rate for transactions that are in "awaiting_acceptance" or "accepted" state wherever the spot rate is applied, and recalculate the Total Amount in Netting currency, and derive the net pay-in and pay-out accordingly. The batch executes before and after date flip.   |
| 28            | Cheque Pooling         | This job collects instrument transactions in system and do corporate pooling for those transactions.   |
| 29            | Arrangement Credit     | This job performs instrument general ledger accounting for Arrangement credit event.<br><b>Note:</b> This job runs branch specific.  |

Table 3-1 (Cont.) Oracle® Banking Cash Management Jobs

| Serial Number | Job Name                   | Description   |
|---------------|----------------------------|---|
| 30            | Credit Reversal            | This job performs instrument general ledger accounting for Credit Reversal event.<br><b>Note:</b> This job runs branch specific.  |
| 31            | Return Recovery            | This job performs instrument general ledger accounting for Return recovery event.<br><b>Note:</b> This job runs branch specific.  |
| 32            | PDC Unhold                 | This job is used to unhold instrument transactions which are updated as HOLD in instrument management upto hold date value. Once current business date is greater than hold date, this job update status as BOOKED. |
| 33            | PDC Instrument Cancelled   | This job cancels the instrument where instrument date is less than or equal to CBD.   |
| 34            | Cash withdrawal Cancel ECA | This job is triggered to reverse the ECA for withdrawal transaction which are lying in Authorization queue post its lien date.<br><b>Note:</b> This job runs branch specific.                                       |
| 35            | OBCM Clearing Request      | This job is used to collect LCIN instrument collections and send it to OBPM to perform outward clearing of chques.  |
| 36            | Vault Expiry               | This job is used to update and expire vault master data in OBCM_TW_VAULT_MASTER table. Based on VAULT_EXPIRY_DATE comparision with business it update vault RECORD_STAT as C from previous value of O.              |
| 37            | Cashflow Prediction        | This job is used to build the projections of final cash flow and cash positions.  |
| 38            | Invoice Acceptance         | This will fetch invoices with status = Raised and not accepted and invoice acceptance date <= CBD. And then marks those invoices Accepted   |
| 39            | Auto Debit Instrument      | This job will trigger AutoDebit on invoces  |
| 40            | PO Acceptance              | This will fetch POs with status = Raised and not accepted and PO acceptance date <= CBD. And then marks those POs Accepted  |
| 41            | Cash Pooling               | This job collects cash transactions in system and do corporate pooling for those transactions.  |
| 42            | Structure Expiry           | This job marks all the structures as closed in the system when the current business date is greater than or equal to the expiry date of a structure configured in the system.                                       |

**Table 3-1 (Cont.) Oracle® Banking Cash Management Jobs**

| Serial Number | Job Name                          | Description   |
|---------------|-----------------------------------|---|
| 43            | Expected Cashflow Adjust Amount   | This job recalculates the cashflow amount when the current business date is greater than or equal to the expected date of the expected cashflow transaction.  |
| 44            | Predicted Cashflow Adjust Amount  | This job recalculates the cashflow amount when the current business date is greater than or equal to the expected date of the predicted cashflow transaction.   |
| 45            | OBCL Initiate*                    | If enabled, this job will be used to initiate execution of OBCL EOD before OBSCF EOD.   |
| 46            | OBCL Monitor*                     | This job will be used to monitor OBCL EOD status. It will keep on checking EOD status until it is either successful or failed.  |
| 47            | OBCL Status Check*                | This job will be used to decide if execution of OBSCF EOD should start or not. If status is A(Aborted), it will redirect to OBCL_EOD. If status is W(Wait), it will redirect to OBCL_EOD_MONITOR. If status is C(Complete), it will start execution of OBSCF EOD.                   |
| 48            | Pre-EOD In-Progress Transactions* | This job will be used to check if there are any in progress transactions in the system. If there are any in progress transactions in the system, it will fail & OBSCF EOD will not be executed. If there are no pending transactions in the system, OBSCF EOD execution will start. |
| 49            | RUN_REFUND_JOB*                   | This job post the refund of the excess payment accounting on the basis of the relationship maintenance and accounting maintenance.  |

**Note**

The job names marked with an asterisk (\*) are applicable only if the Oracle® Banking Cash Management application is co-deployed with Oracle Banking Supply Chain Finance.

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