Auto Jobs / Seed Jobs
Oracle Banking Payments Cloud Service
[April 2025]

Document Classification

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1. Oracle Banking Payments Auto Jobs

OBPM specific jobs can be maintained in Payments Auto job parameters maintenance (Function ID: PMDAJBPR).

1.1 Job Details

- PQDFUVAQ   Job Code for Future Values transaction

  - This job can be configured with BOD execution time.

  - This job pulls out transactions from Warehouse Queue, which are with activation date as current day & processes them.

- PQDPRCUQ   Job Code for Process Cutoff transaction

  - This is to be configured as EOD job, to apply customer's rollover preference on the transactions pending in Processing Cutoff Queue. Customer preference can be maintained in Urgent/Non-urgent payment preferences as Retain in Queue, Cancel or Roll-over to next day.

- PQDNETCQ   Job Code for Network Cutoff transaction

  - This is to be configured as EOD job, to apply customer's rollover preference on the transactions pending in Network Cutoff Queue. Customer preference can be maintained in Urgent/Non-urgent payment preferences as Retain in Queue, Cancel or Roll-over to next day.

- PQDSNCKQ   Job Code for Pending Sanction

  - The job PQDSNCKQ does ring- fencing of SC pending transactions.

  - If a transaction in Sanction Check Queue at the end of the day which is not part of a Batch, the transaction amount will be blocked in the customer account.

  - Hold on the account balance is removed when the transaction is released from Sanction Check Queue.

- PQDEAPRQ   Job Code for Early Processing transaction

  - This is a BOD job, which is for early processing of US NACHA transactions.

- PMDACKGN   Job Code for Pain002 Auto Generation

  - For payments received in bulk file in pain.001 format, pain.002 report will be generated. This job can be configured at EOD.

- PMDSIECT   Job Code for Standing Instruction Execution

- This is BOD job, which generates SI execution record for the Standing Instructions maintained.

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- PMDSIPEN   Job Code for SI Txn Creation for Pending Records

  o This is again a BOD job, where the SI execution is done n days before actual execution date (for verifying and modifying the execution details, if required), this job will be creating the transactions on the execution date.

- PXDMT101   Job Code for MT101 Incoming Future transaction

  o This job processes future dated MT101 requests. This job pulls out 101 transactions from Warehouse Queue, which are with activation date as current day & processes them .This is to be configured for BOD time.

- PXDMT204   Job Code for MT204 Future Job Processor

  o Mt204 received with instruction date as future are parked in Warehouse Queue. This job processes future dated MT204 requests on activation date. This is to be configured for BOD time.

- PXDICLRQ   Job Code for Recall Interim Response generation

  o This is to generate interim gSRP confirmations for inbound n92 messages which are pending for action & for which confirmation is yet to be sent.

- PPDDEFLQ   Job Code for Deferred Charges Liquidation

  o This job liquidates the deferred charges marked for auto liquidation and due for liquidation on the current date.

- PQDPRQUE   Job Code for Process Exception MT199 transaction

  o This is an EOD job, to send interim gpi & universal confirmations to tracker BIC, for the inbound cross border transactions pending in exception queues & confirmation is yet to be sent.

- PCDMNDVR   Job Code for Mandate Verification

  o This BOD job marks the Mandates which reached the Expiry date as Expired. If the activation date is reached for future dated Mandates, such Mandates are marked as 'Active'.

- PMDRCVNT   Job Code for Receive Notice
  o This job matches the Inbound MT210 to Inbound MT202, when MT202 is received 1st followed by MT210

- PMDAENTB   Job Code for Accounting Entries Handoff Beginning of Day
  o This job will pick up all accounting entries that are not handed off yet. Accounting Entries with transaction date less than or equal to the Host date will be considered for pick up.

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- **PMDAENTE**   Job Code for Accounting Entries Handoff End of Day
  - This job will pick up all accounting entries that are not handed off yet. Accounting Entries with transaction date less than or equal to the next working date minus one (or) Month-end date [Next working Date – 1 (or) Month End Date]. Is considered for pick up.

- **PNDDMAND**   Job Code for NACHA Debit Authorization
  - This job makes the NACHA debit mandate to expired on mandate expiry date & mandate to active on mandate effective date (If mandate was future dated)

- **PNDSTJOB**   Job Code for US NACHA Debit Settlement
  - This job is used for NACHA Debit settlement day processing

- **PNDODONL**   Job Code for Settlement Day Processing
  - This job is not to be configured as it is not used currently.

- **PMDFCYDD**   Job for Credit Liquidation of FCY Demand Drafts
  - This job is to match the CRLQ pending FCY DD issue records.

- **PMDDAEND**   Job Code for Direct Debit Out transaction
  - This is used for doing accounting of SDD outbound transactions received in pain.008 on Settlement Date. This job code is used for posting accounting for the entries which are in Interim Status in accounting table.

- **PPDC2BLQ**   Job Code for Bulk file Charging
  - If file level pricing is preferred for upload of c2B files with nonurgent transactions, then this job is to be configured

- **PQDFPFUQ**   Job Code for Faster Payments Future values
  - This job processes outward Faster payment transactions from Warehouse Queue, which are with activation date as current day & processes them

- **PQDFUNFT**   Job Code for Future Dated Neft transaction
  - This job processes outward NEFT payment transactions from Warehouse Queue, which are with activation date as current day & processes them

- **PQDFURTG**   Job Code for Future Dated Neft-Rtgs transaction
  - This job processes outward India RTGS payment transactions from Warehouse Queue, which are with activation date as current day & processes them

- **PMDPPSSL**   Job Code for Positive Pay Stale status marking'
  - Positive Pay records are markled as 'Stale' status if stale period is over

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- PMDINRFT   Job Code for Swift Interim Pain002 generation

- PXDMTN95   Job Code for MTn95 Message Generation

- PNDOREVR   Job Code for US NACHA Outbound Reversal

- PMDECCFD   Job code for Carryforward of External Credit Check Transaction

  - This job will pick all the transaction in ECA queue with response status as "Reject"" and carryforward the payment to next working day and transactions will be moved to warehouse queue.

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2. Oracle Banking Payments Seed Jobs

OBPM seed jobs are related Bulk file processing. The jobs can be maintained in Payments Seed job parameters maintenance (Function ID: PMDSJBPR).

2.1 Job Details

C2B_HYBRID_NETWORK_RESOLUTION_JOB
- o This job checks whether all records in the Batch have completed Network resolution so that the Batch can proceed to next step of processing.
- o A Record is to be Setup Mandatorily in Seed Job Parameters Screen PMDSJBPR for the Job Code - C2B_HYBRID_NETWORK_RESOLUTION_JOB
- o Frequency of the Job is Hard Coded to run every '1 Minute'. This can't be configured

C2B_HYBRID_PRE_WAIT_PENDING_JOB
- o When a Consol is created, the Wait Time is computed using the Formula → Current received time + Wait Time (configured in PMDBTPRF). Wait Time is updated in Consol Detail Table.
- o If all Underlying transactions in the Consol Batch are processed, it will proceed with Accounting and Dispatch.
- o If the Current Time is < least of Wait time or Batch Cutoff Time and some of the transactions are pending to be Processed, no further processing of the Consol Batch will be done.
- o If the Current Time is >= least of Wait time or Batch Cutoff Time and some of the transactions are Pending, pending transactions will be delinked from the Consol Batch to create a new batch. Pre Wait Job marks the Pending Consol with Post Wait Flag to 'Yes' in Consol Details Table so that Post Wait Job will take over.

C2B_HYBRID_POST_WAIT_PENDING_JOB
- o When Post Wait job runs, it picks up all the Pending Consol Batches which are marked with Post Wait as 'Y'.
- o If all Underlying transactions have got processed, it will hand over the Consol for further Processing. If a few of the transactions are pending then, the processed transactions will be delinked to a New Consol.
- o If the Consol is Still Pending and Batch Cutoff is over then Consol will be marked to Future Dated.

C2B_HYBRID_FUTURE_JOB
- o Same as Post Wait Job but with additional Step – Pick up all the Consol which are Future Valued and having Activation Date less than or equal to current date.
- o Day 2 onwards this Job will take over from Post Wait + Additional Step of picking up the Warehoused Batches.

Note:

Pick up all the Consol which are Future Valued and having Activation Date less than current date is a valid scenario for a carry forwarded batch which was uploaded on D but had some action pending at transaction level for D+1.

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C2B_HYBRID_BATCH_CANCELLATION_JOB - Job Code for C2B Hybrid Batch Cancellation

- If a full Batch cancellation is received for ACH CT and ECA / FX/ Accounting reversal of the original transaction is involved, then the system processes consolidated entries/requests for the reversals done.

C2B_PAIN002_GENERATION_JOB - Job Code for generation of periodic pain.002 file

- Pain.002 generation is done on incremental basis if this job is maintained whenever the job is run for files/batches under process.

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3. API for Starting and Stopping the OBPM Jobs

You can START and STOP all OBPM auto jobs/ C2B seed jobs/listed timer jobs processing on an adhoc basis based on business needs.

Whenever a job is stopped, the particular job's processing should be on hold for the applicable transactions till the job is started again.

o   Below is the list of internal timer jobs which are considered for START and STOP:

Sl.#	Job Code	Remarks
1	IMPSHeartBeatJob	Sends the request to IMPS system
2	MSG101OutJob	To write the MT101 message to JMS queue
3	DateChange	To change the date at 12:00 AM in case of standalone OBPM Deployment
4	MessageStatusUpdater	To update the message status
5	GPITracker	GPI Tracker
6	ISODispatchScheduler	To generate the ISO dispatch messages
7	NACHADispatchler	To generate the dispatch message for NACHA
8	DispatchScheduler	To generate the dispatch messages
9	AutoConsoleCloseJob	Job to process the console close.
10	RefresgMViewJob	Send message to queue for refreshing the MV.
11	PaymentNotification	Job to generate the payment notification*
12	ECAAutoRetry	Job to send the Auto ECA Retry*

o   PMJobStatusService API service is provided to control job status as Active or Hold.

The following values has to be passed in the request:

> o   Entity Id
>
> o   User Id
>
> o   Host Code
>
> o   External Source
>
> o   External Reference
>
> o   Job Type
>
> o   Job Code
>
> o   Job Status

- Note: Above mentioned fields are mandatory.

> o   Job Type: Should be passed as T. (A-Auto Job/S-Seed Job/T-Timer Job).
>
> o   Job Code: Corresponding job code should be passed.

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- o Job Status: Should be passed as H or A. H-Hold/A-Active
- The response contains the request details and the following status related fields
  - o Process Status → This can be P (Processed) or E (Error)
  - o Error Code
  - o Error Description
- If the required fields are not available in the external request, then response is sent with error details as "Mandatory parameter/s $ missing in the request."

- Sample Request:

  PMReST/obpmrest/payments/PMJobStatusService
  {"header":{"entityId":"ENTITY_ID1","userId":"SYSTEM","hostCode":"FINLAND"},"txnDet":{"externalSource":"MANL","externalReference":"9789675128","jobType":"T","jobCode":"ECAAutoRetry","jobStatus":"H"}}

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