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| **How Are Failed Receiving Open Interface (ROI) Transactions Reset? (文档 ID 605300.1)** | [[转到底部](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=250537813308309&parent=DOCUMENT&sourceId=303544.1&id=605300.1&_afrWindowMode=0&_adf.ctrl-state=4pnh3zm08_268)转到底部](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=250537813308309&parent=DOCUMENT&sourceId=303544.1&id=605300.1&_afrWindowMode=0&_adf.ctrl-state=4pnh3zm08_268) | https://support.oracle.com/epmos/adf/images/t.gif |

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| **In this Document**   |  |  | | --- | --- | |  | [Goal](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=250537813308309&parent=DOCUMENT&sourceId=303544.1&id=605300.1&_afrWindowMode=0&_adf.ctrl-state=4pnh3zm08_268#GOAL) |  |  |  | | --- | --- | |  | [Solution](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=250537813308309&parent=DOCUMENT&sourceId=303544.1&id=605300.1&_afrWindowMode=0&_adf.ctrl-state=4pnh3zm08_268#FIX) |  |  |  | | --- | --- | |  | [Steps to Reprocess Failed ROI Transactions](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=250537813308309&parent=DOCUMENT&sourceId=303544.1&id=605300.1&_afrWindowMode=0&_adf.ctrl-state=4pnh3zm08_268#aref_section21) |  |  |  | | --- | --- | |  | [References](https://support.oracle.com/epmos/faces/DocumentDisplay?_afrLoop=250537813308309&parent=DOCUMENT&sourceId=303544.1&id=605300.1&_afrWindowMode=0&_adf.ctrl-state=4pnh3zm08_268#REF) |   **Applies to:**  Oracle Inventory Management - Version 11.5.10 to 12.1.3 [Release 11.5 to 12.1] Information in this document applies to any platform. EXECUTABLE:RVCTP - Receiving Transaction Processor  **Goal**  What are the steps used to reprocess Failed Receiving Open Interface (ROI) Transactions ? Also the fields that should be reset in rcv\_headers\_interface and rcv\_transactions\_interface to reprocess failed ROI transactions need to be explained..  **Solution**  The information in this note is to be used ONLY when rcv\_transactions\_interface.processing\_mode\_code='BATCH  AND  the receiving activity was initiated using one of the following applications or process:  Receiving Open Interface functionality (including receiving data populated via EDI and 3rd Party software)  iSupplier Portal  Warehouse Management Systems (WMS) Mobile Applications  Mobile Supply Chain Applications (MSCA)  iProcurement  Field Services Portal  Oracle Time and Labor  Depot Repair  Because there are varying Customer business requirements that determine how and when records are to be reprocessed Customers must create a custom process to delete, modify or insert new ROI records as needed per their business requirements.  To ensure proper processing of ROI transactions, it is best to insert new/replacement records or reset the records to exactly the same values as were originally populated in the interface tables.  Sample of a Delete script can be found in [Note 303544.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=605300.1&id=303544.1) - How To Remove Pending and Error Transactions from the Transaction Status Summary.  Please note, this script will need to be modified to fit customer business needs for ROI records.  These are guidelines only;  please review all information before resetting any records.  \*\*\*\*\* IMPORTANT 11.5.10 INFORMATION \*\*\*\*\* The ROI files MUST be upgraded to the minimum versions listed in [Note 367396.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=605300.1&id=367396.1) - Recommended Patches for Enhanced Receiving Validation after upgrade to or install of 11.5.10 or 11i.SCM\_PF.J. If the files are not upgraded, many validation issues and data discrepancies WILL occur. Additional information is also available in [Note 371314.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=605300.1&id=371314.1) - Receiving:Data Discrepancies, Errors and Validation Issues after upgrade to or install of 11.5.10 (or 11i.SCM\_PF.J).    **Steps to Reprocess Failed ROI Transactions**  1. For RMAs and Purchase Orders (rcv\_headers\_interface which has receipt\_source\_code='VENDOR' or 'CUSTOMER')  a. If any records are returned from the sql below, the rcv\_transactions\_interface records should be deleted.  You cannot use reset as "Add to Receipt" is not allowed for applications below 12.2 and 12.1 with INV/RCV RUP 7 applied.  If at 12.2 and 12.1 with INV/RCV RUP 7 and above applied as per ref Note 1947224.1 and Note 1929842.1 and Note 1190576.1 you can utilize "Add to Receipt"  select shipment\_header\_id from rcv\_shipment\_lines where  ((asn\_line\_flag = 'Y' and quantity\_received >= quantity\_shipped) or (asn\_line\_flag != 'Y' and quantity\_received > 0)) and shipment\_header\_id in  (select distinct shipment\_header\_id from rcv\_transactions\_interface  where transaction\_type = 'RECEIVE' and validation\_flag = 'Y');  b. If rcv\_headers\_interface exists, update rcv\_headers\_interface.receipt\_header\_id=null if this SQL returns no rows:  select shipment\_header\_id from rcv\_shipment\_lines where shipment\_header\_id in (select distinct shipment\_header\_id from rcv\_transactions\_interface  where transaction\_type = 'RECEIVE' and validation\_flag = 'Y');  c. Update rcv\_transactions\_interface.shipment\_header\_id=null if this SQL returns no rows:  select shipment\_header\_id from rcv\_shipment\_lines where shipment\_header\_id in  (select distinct shipment\_header\_id from rcv\_transactions\_interface  where transaction\_type = 'RECEIVE' and validation\_flag = 'Y');    2.  For rcv\_headers\_interface record associated with the failed rcv\_transactions\_interface records (rcv\_headers\_interface.header\_interface\_id=rcv\_transactions\_interface.header\_interface\_id**)** Update rcv\_headers\_interface with the following values:  processing\_request\_id=null  receipt\_header\_id=null  validation\_flag = 'Y'  processing\_status\_code = 'PENDING'  receipt\_num=null (ONLY if using Automatic Receipt Numbering)  3. All Transactions: a. Update rcv\_transactions\_interface with the following values:  request\_id=null  processing\_request\_id=null  order\_transaction\_id=null  primary\_quantity=null  primary\_unit\_of\_measure=null  interface\_transaction\_qty=null  validation\_flag = 'Y'  processing\_status\_code = 'PENDING'  transaction\_status\_code = 'PENDING'  4. Ensure only the reset records will be processed Populate group\_id with a value that does not exist in rcv\_headers\_interface, rcv\_transactions\_interface or rcv\_transactions, but with a smaller value than would be generated when using rcv\_interface\_groups\_s.nextval   5. Run Receiving Transaction Processor for the specific the group\_id  Some errors may be legitimate, so please investigate before logging a Service Request. Sometimes it will be necessary to review debug logs: [Note 299497.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=605300.1&id=299497.1) -How to Generate Receiving Transaction Debug Statements in 11.5.10 and R12  **If Transaction Fails Again**:  If assistance is needed to resolve failed ROI transactions, please log a separate Service Request for each error and provide the information below.   RTP=Receiving Transaction Processor   1. Populate rcv\_headers\_interface and rcv\_transactions\_interface with the minimum number of records for which the error will occur (if possible, please populate for only one transaction)   2. Extract the following in Excel format, including Column Headings:  a. select \* from rcv\_transactions\_interface where (use any where clause that will return ALL the records that will be processed by RTP)  b. select \* from rcv\_headers\_interface where (use any where clause that will return ALL the records that will be processed by RTP)  3. Save the Excel data in a file called "rhi\_rti\_before.xls" (or similar name)   4. Set debug profiles per [Note 299497.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=605300.1&id=299497.1) - How to Generate Receiving Transaction Debug Statements in 11.5.10, for the UserName that will be used to run RTP. Also set the profile for RTP tracing:  PO: Enable SQL Trace for Receiving Processor = Yes   5. Run the Receiving Transaction Processor  6. Upload the Receiving Transaction Processor Request Log  7. Extract the following in Excel format, including Column Headings:  a. select \* from rcv\_transactions\_interface where (use same where clause as #2)  b. select \* from rcv\_headers\_interface where (use same where clause as #2)   8. Save the Excel data in a file called "rhi\_rti\_after.xls" (or similar name)   9. Upload the Excel data  10.  Run the Receiving Data Collection report for at least one document and upload the output: [Note 423279.1](https://support.oracle.com/epmos/faces/DocumentDisplay?parent=DOCUMENT&sourceId=605300.1&id=423279.1) (How Can The Receiving Diagnostics Script Be Run From Within The Oracle Application?)   11. Upload output from "Diagnostics: Apps Check" Report using a Purchasing responsibility:  - Reports > Run  - Submit a Single Request  - Name: Diagnostics: Apps Check  - Parameters: Application 1: Purchasing  - Submit the request  - View > Request  - Select the Report Output (not the Log)  \*\*output contains file versions and other information that may be needed to progress issue or verify potential solutions; also required if bug is logged   12. Note the Request ID for the Receiving Transaction Processor (View > Requests)  13.  Use the following sql to get the name of the trace file that was generated when Receiving Transaction Processor ran:  select oracle\_process\_id from fnd\_concurrent\_requests  where request\_id=&RequestID'  14.  Locate the trace file: The trace file will be located in the udump directory from this sql:  select name, value from v$parameter  where name like 'user\_dump\_dest%';  15.  tkprof the trace file: \*\*to tkprof, you will need to issue this type of command: tkprof <filename.trc> <outputfilename.prf> sys=no explain=apps/<password>  16.  Upload both the raw trace file and the tkprof'd version |