SDI functional Document

SDI PROCESS INCLUDES THE BELOW MENTIONED PHASES:

1. Prerequisites for collection includes loading of the below mentioned tables
2. Collection from BSAD AND BSID table for normal and bulk sales.
3. CDA/RD received for the collection data.

Prerequisites for collection includes loading of the below mentioned tables:

- ZICM CYCLE
- BSID TABLE
- BSAD TABLE
- SALESTRANSACTION TABLE
- SALESOREDER TABLE
- EVENTTYPE TABLE

ZICM CYCLE: Loading the ZICM CYCLE table from ECC to EXT schema

Flowgraph Used:

- FG_BATCH_SAPCOM_VT_TO_EXT_ZICM_1.hdbflowgraph

BSID TABLE: Loading the BSID table from ECC table to EXT schema

Flowgraph Used:

- FG_BATCH_SAPCOM_VT_TO_EXT_BSID_2.hdbflowgraph
- FG_BATCH_SAPCOM_VT_TO_EXT_BSID_2_1.hdbflowgraph
- FG_BATCH_SAPCOM_VT_TO_EXT_BSID_2_2.hdbflowgraph

Details:

1. The CPUDT is considered.
2. Here the data is filtered considering CPUDT and BUKRS is equal to EFL.
3. In this BLART is filtered for the following type SK, BD, DZ, BH or BLART is equal to EV.
4. BLART is equal to Z1.
5. BSCHL is equal to 09 for CDA and 19 for Redeposit.
6. The sum of WRBTR is taken.
7. UMSKZ is equal to 1.

BSAD TABLE: Loading the BSAD table from ECC table to EXT schema

Flowgraphs Used:

- FG_BATCH_SAPCOM_VT_TO_EXT_BSAD_3.hdbflowgraph
- FG_BATCH_SAPCOM_VT_TO_EXT_BSAD_3_1.hdbflowgraph
- FG_BATCH_SAPCOM_VT_TO_EXT_BSAD_3_2.hdbflowgraph

Details:

1. The CPUDT is considered.
2. Here the data is filtered considering CPUDT and BUKRS is equal to EFL.
3. In this BLART is filtered for the following type SK, BD, DZ, BH Or BLART is equal to EV
4. The sum of WRBTR is taken.
5. BSCHL is equal to 09 for CDA and 19 for Redeposit.
6. UMSKZ is equal to 1.

SALES TRANSACTION, SALES ORDER AND EVENTYPE

Flowgraphs Used:

- FG_BATCH_SAPCOM_VT_TO_EXT_CS_ST_4.hdbflowgraph
- FG_BATCH_SAPCOM_VT_TO_EXT_CS_SO_5.hdbflowgraph
- FG_BATCH_SAPCOM_VT_TO_EXT_CS_ET_6.hdbflowgraph

Details:

1. BusinessUnitMap is considered and the value would be equal to 1 for Sales Transaction.
2. The TO_TIMESTAMP("REMOVEDATE") is set TO_TIMESTAMP('22000101000000','YYYYMMDDHH24MISS') and BusinessUnitMap is equal to 1 in Sales Order.

Technical Details:

- In this flowgraph FG_BATCH_SAPCOM_COLL_7_1.hdbflowgraph the sales transaction, sales order and event type are considered.
- From Sales transaction the data that satisfies the condition i.e the channel value equal to 10 and generic attribute 6 not equal to ZDBO, ZDBS, ZDBL.
- All the required columns that are required are joined for the required data.
- From the acquired data, the data is aggregated is grouped by ST_SALESTRANSACTIONSEQ and the MAX of all the other columns are considered.
- From the aggregated data the condition "SO_GENERICNUMBER1" IS NULL is applied
- Both the transaction assignment table and the aggregated table are joined.
- The look tables BSID and BSAD are considered and the data is filtered with the condition ,In "LKP_BSID_1_IN"."SO_ORDERID" = "UF_SAP_COM.UF_DB::SYN_EXT_BSID"."XREF1" in the BSID table and the condition and the BISD_COLL_AMT, BSID_COLL_DATE, BSID_POST_KEY, BSID_BILL_NO will be updated.

In"LKP_BSAD_2_IN"."SO_ORDERID"="UF_SAP_COM.UF_DB::SYN_EXT_BSAD"."XREF1" in the BSAD table is checked and BSAD_COLL_DATE, BSAD_POST_KEY, BSAD_COLL_AMT, BSAD_BILL_NO will be updated

- The acquired data are joined.
- The acquired data is grouped by SO_ORDERID and the MAX of all the columns are taken and SUM of sales transaction value is taken.
- If BSID_COLL_DATE is null and is greater than BSAD_COLL_DATE then BSID_COLL_DATE is updated else BSAD_COLL_DATE is updated.
- In the SUM_BSID_BSAD_AMT, if it is null then BSID_COLL_AMT is updated else update it to 0 and it is summed up with BSAD table.
- All this data is stored in the temporary table DT_EXT_TEMPT_SUM_AMT_1.
- In the flowgraph 2 FG_BATCH_SAPCOM_COLL_7_2.hdbflowgraph the sales transaction, sales order and event type are considered.
- From Sales transaction the data that satisfies the condition i.e the channel value equal to 10 and generic attribute 6 not equal to ZDBO, ZDBS, ZDBL.
- All the required columns that are required are joined for the required data.
- From the acquired data, the data is aggregated is grouped by ST_SALESTRANSACTIONSEQ and the MAX of all the other columns are considered.
- From the aggregated data the condition "SO_GENERICNUMBER1" IS NULL is applied
- Here from the transaction assignment table the columns SALESTRANSACTIONSEQ and GENERICATTRIBUTE1 is considered and the condition "GENERICATTRIBUTE1" <> 'L0 SC' is applied.
- Both the transaction assignment table and the aggregated table are joined
- From the Temporary table DT_EXT_TEMPT_SUM_AMT_1 the following columns are taken ST_SUM_VALUE, SO_AGG_ORDERID, MAX_COLL_DATE, SUM_BSID_BSAD_AMT
- The data that is acquired are joined.
- The look up tables ZICM_FL_CYCLE, ZICM_ACCT_DT_CYCLE_2 are considered.
- In look up table ZICM_FL_CYCLE the MAX_COLL_DATE data is checked with the Freelancer table GUEBG and GST_GL_DT where VTWEG=10 and ZICM_YEAR, ZICM_CYCLE, ZICM_CDA_PENLTY_FD, ZICM_CDA_PENLTY_TD, ZICM_CUTOFF_DATE, ZICM_FROM, ZICM_TO, ZICM_COMP_DT columns are considered.
- In look up table ZICM_ACCT_DT_CYCLE_2 the Compensation date is checked if it is equal to the sales transaction Compensation date of the ZICM_FL_CYCLE and VTWEG equal to 10 the ZICM_ACCT_YEAR, ZICM_ACCT_CYCLE, ZICM_ACCT_CUTOFF, ZICM_ACCT_CDA_PENLTY_FD, ZICM_ACCT_CDA_PENLTY_TD, ZICM_ACCT_FROM, ZICM_ACCT_TO, ZICM_ACCT_COMP_DT are considered.
- In the look up table ZICM_FL_CYCLE _CUTOFF_ZCYCLE the MAX_COLL_DATE data is checked with the Freelancer table GUEBG and GST_GL_DT where VTWEG=10 and the CUTOFF_FROM, CUTOFF_TO, CUTOFF_CUTOFF, CUTOFF_CDA_PENLTY_FD, CUTOFF_CDA_PENLTY_TD, CUTOFF_COMP_DT, CUTOFF_YEAR.
- The acquired data is generated where ST_GENERICATTRIBUTE6 not equal to ZDBO, ZDBS.
- The data is aggregated grouped by ORDER_ID and the MAX of all the columns are considered.

- The ORDERID, GENERICNUMBER1, UNITTYPEFORGENERICNUMBER1, CUTOFF_DATE, COLL_DATE, CUTOFF_YEAR are updated.
- The data is stored in DT_EXT_CT_SO_1.

CRC Collection: Data is compared against the BSAD and BSID table in the below mentioned flowgraphs

FLOWGRAPHS USED:

- FG_BATCH_SAPCOM_CRC_COLL_7_1
- FG_BATCH_SAPCOM_CRC_COLL_7_2

General Details

- Collection Date, Collection Value and cut-off date will be updated In the sales Order table.
- Compensation Date will not be updated for CRC.
- Collection is done at order level.
- The collection document types that are considered at order level are CRC, SK,BD,DZ,BH,EV.
- CPUDT is collection date.

Technical Details:

- In this flowgraph FG_BATCH_SAPCOM_COLL_7_1.hdbflowgraph the sales transaction, sales order and event type are considered.
- From Sales transaction the data that satisfies the condition i.e the channel value equal to 10 and generic attribute 6 not equal to ZDBO, ZDBS, ZDBL
- All the required columns that are required are joined for the required data.
- From the acquired data, the data is aggregated is grouped by ST_SALESTRANSACTIONSEQ and the MAX of all the other columns are considered.
- From the aggregated data the condition "SO_GENERICNUMBER1" IS NULL is applied
- Here from the transaction assignment table the columns SALESTRANSACTIONSEQ and GENERICATTRIBUTE1 is considered and the condition "GENERICATTRIBUTE1" <> 'L0 SC' is applied.
- Both the transaction assignment table and the aggregated table are joined.
- The look tables BSID and BSAD are considered and the data is filtered with the condition , In "LKP_BSID_1_IN"."SO_ORDERID" = "UF_SAP_COM.UF_DB::SYN_EXT_BSID"."XREF1" in the BSID table and the condition and the BISD_COLL_AMT, BSID_COLL_DATE, BSID_POST_KEY, BSID_BILL_NO will be updated. In"LKP_BSAD_2_IN"."SO_ORDERID"="UF_SAP_COM.UF_DB::SYN_EXT_BSAD"."XREF1" in the BSAD table is checked and BSAD_COLL_DATE, BSAD_POST_KEY, BSAD_COLL_AMT, BSAD_BILL_NO will be updated.
- The acquired data is grouped by SO_ORDERID and the MAX of all the columns are taken and SUM of sales transaction value is taken.
- If BSID_COLL_DATE is null and is greater than BSAD_COLL_DATE then BSID_COLL_DATE is updated else BSAD_COLL_DATE is updated.
- In the SUM_BSID_BSAD_AMT, if it is null then BSID_COLL_AMT is updated else update it to 0 and it

is summed up with BSAD table.

- All this data is stored in the temporary table UF_SAP_COM.UF_DB::SYN_EXT_TEMPT_SUM_AMT.
- In the flowgraph 2 FG_BATCH_SAPCOM_CRC_COLL_7_2 the sales transaction, sales order and event type are considered.
- From Sales transaction the data that satisfies the condition i.e the channel value equal to 10 and generic attribute 6 not equal to ZDBO, ZDBS, ZDBL.
- All the required columns that are required are joined for the required data.
- From the acquired data, the data is aggregated is grouped by ST_SALESTRANSACTIONSEQ and the MAX of all the other columns are considered.
- From the aggregated data the condition "SO_GENERICNUMBER1" IS NULL is applied
- Here from the transaction assignment table the columns SALESTRANSACTIONSEQ and GENERICATTRIBUTE1 is considered and the condition "GENERICATTRIBUTE1" not equal to 'L0 SC' is applied.
- Both the transaction assignment table and the aggregated table are joined
- From the Temporary table UF_SAP_COM.UF_DB::SYN_EXT_TEMPT_SUM_AMT the following columns are taken ST_SUM_VALUE, SO_AGG_ORDERID, MAX_COLL_DATE, SUM_BSID_BSAD_AMT
- The data that is acquired are joined.
- The look up tables BSID and BSAD table are considered.
- In look up table ZICM_FL_CYCLE the MAX_COLL_DATE data is checked with the Freelancer table GUEBG and GST_GL_DT where VTWEG=10 and ZICM_YEAR, ZICM_CYCLE, ZICM_CDA_PENLTY_FD, ZICM_CDA_ PENLTY_TD, ZICM_CUTOFF_DATE, ZICM_FROM, ZICM_TO, ZICM_COMP_DT columns are considered.
- In look up table ZICM_ACCT_DT_CYCLE_2 the Compensation date is checked if it is equal to the sales transaction Compensation date of the ZICM_FL_CYCLE and VTWEG equal to 10 the ZICM_ACCT_YEAR, ZICM_ACCT_CYCLE, ZICM_ACCT_CUTOFF, ZICM_ACCT_CDA_PENLTY_FD, ZICM_ACCT_CDA_PENLTY_TD, ZICM_ACCT_FROM, ZICM_ACCT_TO, ZICM_ACCT_COMP_DT are considered.
- In the look up table ZICM_FL_CYCLE _CUTOFF_ZCYCLE the MAX_COLL_DATE data is checked with the Freelancer table GUEBG and GST_GL_DT where VTWEG=10 and the CUTOFF_FROM, CUTOFF_TO, CUTOFF_CUTOFF, CUTOFF_CDA_PENLTY_FD, CUTOFF_CDA_PENLTY_TD, CUTOFF_COMP_DT, CUTOFF_YEAR.
- The acquired data is generated where ST_GENERICATTRIBUTE6 not equal to ZDBO, ZDBS.
- The data is aggregated grouped by ORDER_ID and the MAX of all the columns are considered.
- The ORDERID, GENERICNUMBER1, UNITTYPEFORGENERICNUMBER1, CUTOFF_DATE, COLL_DATE, CUTOFF_YEAR are updated.
- The data is stored in UF_SAP_COM.UF_DB::SYN_EXT_CT_SO.

BULK SALES:

FLOWGRAPHS USED:

FG_BATCH_SAPCOM_CRC_BULK_SALES_COLL_7_1_1.hdbflowgraph

FG_BATCH_SAPCOM_CRCBULK_SALES_COLL_7_3.hdbflowgraph

PROC_UPDATE_COLL_CRC_SO_1.hdbprocedure

PROC_UPDATE_COLL_BULK_SALES_ST_1_1.hdbprocedure

TECHNICAL DETAILS:

- Invoice should only be considered for updated once invoice is collected.
- Order Type ZDBS, ZDBO and ZDBL are considered as bulk sales wit CHANNEL=10.
- For bulk sales, Invoice will contribute to update once there is collection recorded against it in BSAD table.
- No collection document type should be considered for Bulk Sales.
- CPUDT is considered as collected date.
- GSTCLD is considered as Collection cut-off date.
- SCHLDT is considered as CDA/RD cut-off date.

General Details:

- In this flowgraph FG_BATCH_SAPCOM_CRC_BULK_SALES_COLL_7_1_1.hdbflowgraph the sales transaction, sales order and event type are considered.
- From Sales transaction the data that satisfies the condition i.e the channel value equal to 10 and generic attribute 6 not equal to ZDBO, ZDBS, ZDBL
- All the required columns that are required are joined for the required data.
- From the acquired data, the data is aggregated is grouped by ST_SALESTRANSACTIONSEQ and the MAX of all the other columns are considered.
- From the aggregated data the condition "SO_GENERICNUMBER1" IS NULL is applied
- Here from the transaction assignment table the columns SALESTRANSACTIONSEQ and GENERICATTRIBUTE1 is considered and the condition "GENERICATTRIBUTE1" <> 'L0 SC' is applied.
- Both the transaction assignment table and the aggregated table are joined
- The look tables BSID and BSAD are considered and the data is filtered with the condition ,In "LKP_BSID_1_IN. "SO_ORDERID" = "UF_SAP_COM.UF_DB::SYN_EXT_BSID"."XREF1" in the BSID table and the condition and the BISD_COLL_AMT, BSID_COLL_DATE, BSID_POST_KEY, BSID_BILL_NO will be updated. In"LKP_BSAD_2_IN". "SO_ORDERID"="UF_SAP_COM.UF_DB::SYN_EXT_BSAD"."XREF1"
  in the BSAD table is checked and BSAD_COLL_DATE, BSAD_POST_KEY, BSAD_COLL_AMT, BSAD_BILL_NO will be updated.
- The acquired data is grouped by SO_ORDERID and the MAX of all the columns are taken and SUM of sales transaction value is taken.
- If BSID_COLL_DATE is null and is greater than BSAD_COLL_DATE then BSID_COLL_DATE is updated else BSAD_COLL_DATE is updated.
- In the SUM_BSID_BSAD_AMT, if it is null then BSID_COLL_AMT is updated else update it to 0 and

it is summed up with BSAD table.

- The data is stored in temporary table UF_SAP_COM.UF_DB::SYN_EXT_TEMPT_BULK_AMT.
- In the flowgraph 2 FG_BATCH_SAPCOM_CRCBULK_SALES_COLL_7_3 the sales transaction, sales order and event type are considered.
- From Sales transaction the data that satisfies the condition i.e the channel value equal to 10 and generic attribute 6 not equal to ZDBO, ZDBS, ZDBL.
- All the required columns that are required are joined for the required data.
- From the acquired data, the data is aggregated is grouped by ST_SALESTRANSACTIONSEQ and the MAX of all the other columns are considered.
- From the aggregated data the condition "SO_GENERICNUMBER1" IS NULL is applied
- Here from the transaction assignment table the columns SALESTRANSACTIONSEQ and GENERICATTRIBUTE1 is considered and the condition "GENERICATTRIBUTE1" not equal to 'L0 SC' is applied.
- Both the transaction assignment table and the aggregated table are joined
- From the Temporary table UF_SAP_COM.UF_DB::SYN_EXT_TEMPT_SUM_AMT the following columns are taken ST_SUM_VALUE, SO_AGG_ORDERID, MAX_COLL_DATE, SUM_BSID_BSAD_AMT
- The data that is acquired are joined.
- The look up tables BSID and BSAD table are considered.
- In look up table ZICM_FL_CYCLE the MAX_COLL_DATE data is checked with the Freelancer table GUEBG and GST_GL_DT where VTWEG=10 and ZICM_YEAR, ZICM_CYCLE, ZICM_CDA_PENLTY_FD, ZICM_CDA_PENLTY_TD, ZICM_CUTOFF_DATE, ZICM_FROM, ZICM_TO, ZICM_COMP_DT columns are considered.
- In look up table ZICM_ACCT_DT_CYCLE_2 the Compensation date is checked if it is equal to the sales transaction Compensation date of the ZICM_FL_CYCLE and VTWEG equal to 10 the ZICM_ACCT_YEAR, ZICM_ACCT_CYCLE, ZICM_ACCT_CUTOFF, ZICM_ACCT_CDA_PENLTY_FD, ZICM_ACCT_CDA_PENLTY_TD, ZICM_ACCT_FROM, ZICM_ACCT_TO, ZICM_ACCT_COMP_DT are considered.
- In the look up table ZICM_FL_CYCLE _CUTOFF_ZCYCLE the MAX_COLL_DATE data is checked with the Freelancer table GUEBG and GST_GL_DT where VTWEG=10 and the CUTOFF_FROM, CUTOFF_TO, CUTOFF_CUTOFF, CUTOFF_CDA_PENLTY_FD, CUTOFF_CDA_PENLTY_TD, CUTOFF_COMP_DT, CUTOFF_YEAR.
- The acquired data is generated where ST_GENERICATTRIBUTE6 not equal to ZDBO, ZDBS.
- The data is aggregated grouped by ORDER_ID and the MAX of all the columns are considered.
- The ORDERID, GENERICNUMBER1, UNITTYPEFORGENERICNUMBER1, CUTOFF_DATE, COLL_DATE, CUTOFF_YEAR are updated.

PROC_UPDATE_COLL_CRC_SO_1.hdbprocedure:

- UPDATE COMPENSATION DATE AND CYCLE IN SALESTRANSACTION TABLE
- UPDATE COMPENSATION DATE IN ASSIGNMENT TABLE
- UPDATE COLLECTION, CUT-OFF DATE, COLLECTION AMOUNT IN SALESORDER VIEW

PROC_UPDATE_COLL_BULK_SALES_ST_1_1.hdbprocedure:

- UPDATE CS_SALESTRANSACTION.GENERICNUMBER1
- UPDATE GENERICDATE1 AND GENERICDATE2 IN CS_SALESTRANSACTION TABLE

CDA/RD: Comparing the CDA/RD against the collection data

Flowgraphs Used:

- PROC_CDA_RD_INSERT_CS_STG_ST_0.hdbprocedure
- FG_SAPCOM_CDA_RD_8_1.hdbflowgraph
- FG_SAPCOM_CDA_RD_8_2.hdbflowgraph
- PROC_UPDATE_CDA_RD_ST_2.hdbprocedure
- FG_SAPCOM_CDA_RD_8_3.hdbflowgraph
- PROC_UPDATE_CDA_RD_ST_3_1.hdbprocedure
- PROC_CDA_RD_INSERT_CS_STG_ST_3.hdbprocedure
- FG_SAPCOM_CDA_RD_8_4.hdbflowgraph
- PROC_CDA_RD_INSERT_CS_STG_TA_4.hdbprocedure

General Details:

In the ZICM Cycle GJAHR =2020 and VTWEG=10

1. Collection date and collection cut-off date will be updated in Order.GD1 and order.Gd2 respectively.
2. CPUDT is the collected date.
3. GSTCLD is the Collection cut-off date.
4. SCHLDT is the CDA/RD cut-off date.
5. CDA = Doc type Z1, Posting Key 09 -CDA
6. Redeposit = Doc type Z1, Posting Key-19 -RD

Technical Details

- In FG_SAPCOM_CDA_RD_8_1.hdbflowgraph CDA_RD_BSID and CDA_RD_BSAD table are considered
- Both the tables are joined based on the columns selected.
- The data is aggregated based on the columns XREF1 and CPUDT
- From the columns XREF1 and CPUDT the data is filtered with the condition BSCHL=09 and the acquired data is grouped by XREF1 and the sum of CDA_AMT is taken.
- The next condition taken is BSCHL=19 and the acquired data is grouped and the sum of RD_AMT is taken.
- All the data is joined.
- XREF1, MAX_CPUDT, SUM_CDA_AMT, SUM_RD_AMT, TOTAL_CDA_RD columns are considered.

- In SUM_CDA, if null then SUM_CDA_AMT is taken else it is 0
- In SUM_RD, if null then SUM_RD_AMT is taken else
- TOTAL_CDA_RD the sum of CDA and RD is calculated.
- The data is stored in temporary target table DT_EXT_TEMPT_LKP_CDA_RD_1.
- In FG_SAPCOM_CDA_RD_8_2.hdbflowgraph the sales transaction, sales order and event type are considered.
- The data is filtered with CHANNEL=10 and GENERICATTRIBUTE is not equal to ZDBO and ZDBS
- The data is aggregated and grouped by ST_SALESTRANSACTIONSEQ and MAX of all the columns is taken.
- The aggregated data is filtered with the condition SO_GENERICNUMBER1 is NOT NULL.
- From the Target Assignment table the columns salestransactionseq and Genericattribute1 are considered and it is filtered with the condition where GENERICATTRIBUTE1 is not equal to L0SC.
- From the temporary target table DT_EXT_TEMPT_LKP_CDA_RD_1, TEMPT_XREF1, MAX_CPUDT, SUM_CDA_AMT, SUM_RD_AMT, TOTAL_CDA_RD are considered and the acquired data is joined.
- The CDA_RD_BSID and CDA_RD_BSAD table are considered.
- In CDA_RD_BSID the columns XREF1, CPUDT, BLART, BSCHL, FLAG are taken.
- In CDA_RD_BSAD the columns XREF1, CPUDT, BLART, BSCHL, FLAG are taken.
- The data are joined.
- The data is aggregated in which the data is grouped by XREF1 and MAX of CPUDT.
- From the Look up table ZICM_CYCLE the MAX_CPUDT is compared with GUEBG and SCHLDT where VTWEG is equal 10.
- If CDA is within the CDA Cut-off date (SCHLD) of Collection Period then the invoices belonging to that order will not contribute to the change in the Compensation Date and Cycle .
- If CDA Cut-off date is exceeded and there is open CDA against the order and RD is after cut-off date comp date and Cycle will be updated according to RD compensation date.
- The data is stored in temporary table DT_EXT_CT_CDA_RD_ST_1 And DT_EXT_CT_CDA_RD_ST2.
- In FG_SAPCOM_CDA_RD_8_3.hdbflowgraph the sales transaction, sales order and event type are considered and the data is filtered with the condition channel value equal to 10.
- The transaction assignment table is considered where the columns SALESTRANSACTIONSEQ and GENERICATTRIBUTE1 are considered and the data is filtered according to the condition GENERICATTRIBUTE1 is not equal to L0 SC.
- The data is aggregated and grouped by SO_ORDERID and the MAX of ST_PRODUCTNAME is taken.
- The BSID and BSAD tables are considered and the data are joined using union and the Look up table LKP_EXT_TEMPT_LKP_CDA_RD_2 is considered where the following condition "LKP_EXT_TEMPT_LKP_CDA_RD_2_IN"."XREF1" = "UF_SAP_COM.UF_DB::SYN_EXT_TEMPT_LKP_CDA_RD"."XREF1" is checked and MAX_CPUDT is considered and the data is filtered.
- The acquired data is joined with the aggregated data.
- The look up table ZICM_CYCLE is considered where ZICM_YEAR, ZICM_CYCLE, ZICM_FROM, ZICM_TO, ZICM_CUTOFF_DATE, ZICM_CDA_PENLTY_FD, ZICM_CDA_PENLTY_TD,

ZICM_COMP_DT is considered and the data is filtered according to the condition "SO_ORDERID" IS NOT NULL.

- The data is aggregated with the fields XREF1 and CPUDT.
- Both the aggregated data and look up data are joined.
- The data is filtered with the condition where FLAG=0.
- When EVENTTYPEID in CDA is equal to CDA then the max CPUDT is checked if it is less than or equal to sales order generic date (SO_GENERICDATE2) then the value is updated.
- When EVENTTYPEID is CDA and max CPUDT date is greater than Sales order generic date (SO_GENERICDATE2) then the value is updated and multiplied by -1.
- When EVENTTYPEID is Redeposit and max CPUDT is less than or equal to Sales order generic date (SO_GENERICDATE2) then the value is updated and multiplied by -1.
- When EVENTTYPEID is Redeposit and max CPUDT is greater than or equal to Sales order generic date (SO_GENERICDATE2) then the value is updated otherwise only the value is updated.
- When CDA or RD is after the cutoff date the CDA IS positive and RD is negative
- When CDA or RD is before the cutoff date then CDA is negative and RD is positive
- In CS_SALESTRANSACTION compensation date and cycle are updated.
- In CS_SALESORDER Amount, Collection date, Cut-off Date are updated.
- The data is stored in the temporary table DS_EXT_TEMPT_CDA_RD_ST_1
- In FG_SAPCOM_CDA_RD_8_4.hdbflowgraph the DS_EXT_CDA_RD_TEMP1_1 is projected with the data and the data is stored in the table UF_SAP_COM.UF_DB::SYN_TCMP_CS_STAGESALESTRANSACTION.

PROC_CDA_RD_INSERT_CS_STG_ST_0.hdbprocedure:

- UPDATE THE FLAG TO 1 FOR BSID AND BSAD EXISTING RECORDS.

PROC_UPDATE_CDA_RD_ST_2.hdbprocedure

- UPDATE COMPENSATION DATE IN SALESTRANSACTION TABLE
- UPDATE COMPENSATION DATE IN SALESTRANSACTION ASSIGNMENT TABLE

PROC_UPDATE_CDA_RD_ST_3_1.hdbprocedure

- UPDATE COMPENSATION DATE FOR TEP TABLE PROC_CDA_RD_INSERT_CS_STG_ST_3.hdbprocedure

PROC_CDA_RD_INSERT_CS_STG_ST_3.hdbprocedure

- INSERT LINE NUMBER AND UPDATE FLAG IN EXT BSID AND BSAD TABLE

PROC_CDA_RD_INSERT_CS_STG_TA_4.hdbprocedure

INSERT TENANTID, SALESTRANSACTIONSEQ, SETNUMBER, BATCHNAME, ORDERID, LINENUMBER, SUBLINENUMBER, EVENTTYPEID, PAYEEID, GENERICATTRIBUTE6 IN STAGE SALESTRANSACTION ASSIGNMENT TABLE