

Technical Tables Clearance

Technical Tables Clearance Automation – Process Chain - PC_TTC_01

Introduction

Technical table's clearance is a process of clearing the unwanted data from the system. This activity has been initiated to save space before HANA migration. The top technical tables have been identified based on memory utilization and then it is planned to automate the clearance of unwanted data periodically. The following tables have been considered as part of this process.

Technical Table Names
BALDAT
RSBATCHDATA
RSBATCHHEADER
RSBATCHCTRL
EDI40
EDIDC
EDIDS
EDID4
RSBERRORLOG
RSBERRORCHANGED
RSBKSELECT
RSODSACTUPDTYPE
RSDDSTAT* (15 Tables)

Data Retention Periods

Technical Table Names	Retention Period in Days
BALDAT	90
RSBATCHDATA	30
RSBATCHHEADER	
RSBATCHCTRL	
EDI40	60
EDIDC	
EDIDS	
EDID4	
RSBERRORLOG	30
RSBERRORCHANGED	

RSBKSELECT	No Selections
RSODSACTUPDTYPE	No Selections
RSDDSTAT* (15 Tables)	365

Programs to delete the unwanted data

The below specified programs are used to clear the unwanted data.

Technical Table Names	SAP Standard Programs	Variants	Selections
BALDAT	SBAL_DELETE	ZVAR_SL G2_1	1. From Date : 01.01.1900 2. To Date : Current date - 90 days 3. Options - Select Delete Immediately
RSBATCHDATA RSBATCHHE ADER RSBATCHCT RL	RSBATCH_DEL_MSG_PARM_DTPTE MP	ZVAR_RS BATCH	1. but always older than ... days - 30 2. delete log = 'X'
EDI40 EDIDC EDIDS EDID4	RSETESTD	ZVAR_ED I_1	DEL_MSG : 60 DEL_PAR :60 DEL_DTP 'X'
RSBERRORL OG RSBERRORC HANGED	RSBM_ERRORLOG_DELETE RSSM_ERRORLOG_CLEANUP	ZVAR_DT P_EL N/A	1. Created on <= 30 days 2. Test Run = '' (uncheck)
RSBKSELECT	RSBK_CONDENSE_RSBKSELECT	N/A	No inputs required. Directly execute in the background
RSODSACTU PDTYPE	RSODSO_CLEANUP_RSODSACTUPD TYPE	-	No inputs required. Directly execute in the background
RSDDSTAT* (15 Tables)	RSDDSTAT_DATA_DELETE		1. Which data to be deleted ? : Select all the check buttons. 2. Date up until which data is to be deleted ? : Free date selection : Up to date <= 365 days

Automation

The process chain PC_TTC_01 is created to automate the clearance of unwanted data from certain technical tables. Dynamic variants are used to pass the selection screen values to the programs.

Schedule

The process chain 'PC_TTC_01' is scheduled on every Sunday at 2 PM IST i.e. 9.30 AM GMT+1(France time)