

Note Language: English**Version:** 6 **Validity:** Valid Since 14.08.2012**Summary****Symptom**

Enhancement of Function Module /SDF/HANA_TABLE_SIZE and new Report /SDF/HANA_BW_SIZING

You intend to migrate an SAP NetWeaver BW system from any database platform to the SAP HANA In-Memory Database and need information on hardware sizing of the HANA platform.

Other terms

BW on HANA Sizing, Sizing, SAP In-Memory Database, SAP HANA, SAP In-Memory Computing, BW HANA Sizing, Orange sizing, scale-out

Reason and Prerequisites

Starting with version 7.30 SP5 you can run SAP Business Information Warehouse (SAP BW) on SAP HANA as database platform. This enables you to leverage the In-Memory capabilities of HANA and the SAP-HANA-optimized BW objects.

Solution

So far, to estimate the resource requirements of the SAP HANA In-Memory Database, a set of database-dependent scripts has been provided which analyze the database dictionary and compute the size of the relevant source database tables. Please refer to note 1637145 for more details. To simplify sizing of an SAP BW system that is supposed to be migrated, we now provide the database independent ABAP report /SDF/HANA_BW_SIZING which computes all information relevant to sizing a HANA database server. This report will be available with ST-PI 2008_1_7xx SP07. A preliminary version of the report can be obtained from this note.

For a detailed description of the report, its input parameters, and how to interpret its output, please refer to the attached document "SAP_BW_on_HANA_Sizing_Report.pdf".

Note that for a stand-alone version of SAP HANA (i.e. HANA without BW) separate sizing information is available in note 1514966.

Prerequisite for Implementing this Note is ST-PI 2008_1_700 SP 06.

Header Data

Release Status:	Released for Customer
Released on:	14.08.2012 09:05:24
Master Language:	English
Priority:	Recommendations/additional info
Category:	Program error
Primary Component:	SV-SMG-SER SAP Support Services

Secondary Components:

BC-DB-HDB SAP HANA database

BW-SYS-DB-HDB BW HDB

Valid Releases

Software Component	Release	From Release	To Release	and Subsequent
ST-PI	610	2005_1_610	2005_1_610	
ST-PI	620	2008_1_620	2008_1_620	
ST-PI	640	2008_1_640	2008_1_640	
ST-PI	700	2008_1_700	2008_1_700	
ST-PI	710	2008_1_710	2008_1_710	

Support Packages

Support Packages	Release	Package Name
ST-PI	2008_1_700	SAPKITLRD7

Related Notes

Number	Short Text
1637145	SAP BW on HANA: Sizing SAP In-Memory Database

Attachments

File Type	File Name	Language	Size
PDF	SAP_BW_on_HANA_Sizing_Report_V1_0.pdf	E	475 KB

Correction Instructions

Correction Instructions	Valid from	Valid to	Software Component	Type *)	Reference Correction	Last Changed
1487262	2008_1_700	2008_1_710	ST-PI	C	CVBK000769	06.07.2012 10:45:42
1495989	2008_1_700	2008_1_710	ST-PI	C	CVBK000775	17.07.2012 17:22:16
1495990	2008_1_700	2008_1_710	ST-PI	C	CVBK000784	17.07.2012 17:23:53
1504395	2008_1_700	2008_1_710	ST-PI	C	CVBK000809	27.07.2012 13:21:00

*) C Correction, B Preprocessing, A Postprocessing, M Undefined Work