

Header Data

Released On	11.01.2016 21:13:56
Release Status	Released for Customer
Component	BW-WHM-DST Data Staging
Other Components	HAN-DB SAP HANA Database
	HAN-DB-ENG-BW SAP HANA BW Engine
Priority	Recommendations / Additional Info
Category	Consulting

Symptom

You are looking for ways to optimize custom ABAP routines in data flows. In particular, you are planning to migrate your SAP BW system to SAP HANA and want to find ABAP statements that can potentially be optimized for SAP HANA.

Other Terms

Upgrade, Migration, Optimization, ABAP, Transformation, Transfer Rules, Update Rules, NetWeaver

Reason and Prerequisites

You are looking for a quick and easy way to check your SAP BW system for critical ABAP statements in data flows.

Solution

The attached tool automates the check of **best practice guidelines** for **ABAP routines** in SAP BW systems focused on statements that can potentially be **optimized for SAP HANA**.

Note: The checks are not necessarily complete. The goal is rather to automate and combine various checks that would have to be performed manually otherwise.

To use the tool, install and run one of the attached ABAP programs. The results of the selected checks are displayed as an application log. If you select the "save log" option or run the program as a background job, the program will store the results in the application log under object 'RSD', sub-object 'MIGRATION' (see transaction SLG1).

The tool is "read-only" and does not change any system settings. Typical runtime with default settings a few minutes (depending on system size and complexity). For complex systems with many data flows, it is recommended to run the program in a background job.

SAP BW 7.x:

- Program ZBW_ABAP_ANALYZER
- Prerequisites:
 - SAP BW release 7.0 or higher

SAP BW 3.x:

- Program ZBW_ABAP_ANALYZER_3X
- Prerequisites:
 - SAP BW release 3.5

For more details, see the attached presentation and how-to guide.

Validity

Software Component	From Rel.	To Rel.	And Subsequent
SAP_BW	350	350	<input checked="" type="checkbox"/>
	700	702	<input checked="" type="checkbox"/>

	700	702	<input type="checkbox"/>
	710	730	<input checked="" type="checkbox"/>
	731	731	<input checked="" type="checkbox"/>
	740	740	<input checked="" type="checkbox"/>

References

This document refers to:

SAP Notes
1909597 [SAP BW Migration Cockpit for SAP HANA](#)

This document is referenced by:

SAP Notes (1)
1909597 [SAP BW Migration Cockpit for SAP HANA](#)

Attachments

File Name	File Size (KB)	Mime Type
SAP_BW_ABAP_Analyzer_v4_1_Doc.pdf	1586	application/pdf
SAP_BW_ABAP_Analyzer_v4_1.zip	174	application/x-zip-compressed
SAP_BW_ABAP_Analyzer_v4_1_Ppt.pdf	921	application/pdf