

Rapid BW on HANA Assessment (BPC optional) – Instructions

This document describes the instructions to **execute a rapid assessment for BW on HANA**, with the option to include BPC.

The operation is performed on **your productive BW system** and includes running several SQL scripts on the underlying HANA database.

All scripts are read-only (SELECT statements on metadata/statistics).

There is no impact on master data or transactional data.

Pre-requirements

BW Layer:

- Access to the BW production system via SAP Logon
- Authorization to run DB02 / DBACOCKPIT
- A valid ABAP user with read access to the BW Schema
- **Ensure SQL Editor limits are set to 1,000,000 records**

HANA Database Layer:

- Access to the HANA DB via SAP HANA Studio / Eclipse
- A valid HANA DB user with ADMIN privileges
- **Ensure SQL console limits are NOT restricted to 5,000 records**
(see SAP Note 3224863)

Steps

1. Select the scripts from the GitHub package provided (already aligned to your system):

- a) Retrieve the 3 BW SQL scripts:
 - Base Tables.txt
 - Stat Tables.txt
 - Volume.sql
- b) (Optional) Retrieve BPC script:
 - BW Planning Tables.txt
- c) Retrieve the 2 HANA DB Layer scripts (mandatory):
 - Hana_Modernization_Assessment_Tech_Info.txt
 - Hana_Modernization_Assessment_Obs.txt



2. Execute the BW SQL scripts in DB02/DBACOCKPIT

- a) Log in to BW production via SAP Logon
- b) Open DB02 or DBACOCKPIT, then SQL Editor
- c) Copy/paste each BW script and execute
- d) Download the outputs as Excel files:
 - o Base Tables → Base Tables.xlsx
 - o Stat Tables → Stat Tables.xlsx
 - o Volume.sql → Volume.xlsx
 - o (Optional) BW Planning → BW Planning Tables.xlsx

3. Execute the HANA DB Layer scripts

- a) Log in to HANA Production DB through SAP HANA Studio/Eclipse
- b) Open the SQL Console
- c) Execute:
 - a. *Hana_Modernization_Assessment_Tech_Info.txt*
 - b. *Hana_Modernization_Assessment_Objs.txt*
- d) Export each result as CSV (semicolon separator):
 - o Tech Info → Assessment_Tech_Info.csv
 - o Objects → Assessment_Objs.csv

4. Execute SAP Note 2296290

Run the sizing note across the system: <https://me.sap.com/notes/2296290/E>

5. Upload all the resulting generated files to the SAP shared folder mentioned in the onboarding email according to the naming convention mentioned previously

6. Once you uploaded all the required files, please rename this file from:

ko.txt to ok.txt

Renaming this file will notify the SAP assessment team and will automatically trigger the next step of the onboarding process.

Notes

- o If you encounter error “Invalid table name: could not find UJA_APPL”, use folder: Special exceptions BW4HANA no planning
- o For assistance, contact us anytime at: ASC_BW_MODERNIZATION_COORDINATION@sap.com