



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_Obs.txt*
- d) Export each result as CSV (semicolon separator):
 - o Tech Info → Assessment_Tech_Info.csv
 - o Objects → Assessment_Obs.csv

4. Execute SAP Note 2296290

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

5. Package all results

Move all generated files (BW + HANA) into a single folder, then zip it as: Input.zip

Upload the resulting ZIP file to the SAP shared folder mentioned in the onboarding email.

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