

# 2658221 - BAPI GetMeasures: Changes resulting from SAP Note 2569461

Version	11	Type	SAP Note
Language	English	Master Language	German
Priority	Correction with high priority	Category	Program error
Release Status	Released for Customer	Released On	21.03.2023
Component	BW-BEX-OT-MDX ( MDX,OLAP-BAPI,OLE DB for OLAP )		

Please find the original document at <https://launchpad.support.sap.com/#/notes/2658221>

## Symptom

Due to the corrections from SAP Note 2569461, it becomes possible to enter the technical name of a restricted key figure or calculated key figure instead of a technical, 25-place unique identifier. This name, if defined, is also used when creating the name of an MDX measure. The changes made by Note 2569461 affect structure elements without technical names, which are based on reusable key figures (calculated and restricted).

In WebI reports in BAPI universes, this can result in the following error:

*"The following database error occurred: The following XML is invalid. [Measures].[BW\_ID]. For information about this error, please refer to SAP Knowledge Base Article 2054721 on the SAP Support Portal (IES 10901)(Error: INF)"*

Problems may also occur if you use third-party software that accesses BW system data or BW/4HANA system data via the MDX interface.

## Other Terms

GetMeasures BAPI 'The key didn't match any rows in the table'

## Reason and Prerequisites

The changes from SAP Note 2569461 result in a desired, expected behavior. In some cases, however, a calling program may have to update the metadata to the current status. In certain cases, these changes are very extensive and time-consuming.

In such cases, you can undo the change implemented with SAP Note 2569461 until it is possible to refresh the metadata. To do so, set the value of the RSADMIN parameter MDX\_DONT\_DERIVE\_KYF\_NAMES to the value X (using the program SAP\_RSADMIN\_MAINTAIN in transaction SA38/SE38). You then have to regenerate the involved BEx Analyzer query.

## Solution

- **SAP BW 7.50**  
Import Support Package 13 for SAP BW 7.50 (SAPK-75013INSAPBW) into your BW system. The support package is available once **SAP Note 2633431** ("SAPBWNews NW BW 7.50 ABAP SP13"), which describes this SP in more detail, has been released for customers.
- **SAP BW 7.51**  
Import Support Package 7 for SAP BW 7.51 (SAPK-75107INSAPBW) into your BW system. The

support package is available once **SAP Note 2586678** ("SAPBWNews NW BW 7.51 ABAP SP7"), which describes this SP in more detail, has been released for customers.

- **SAP BW 7.52**

Import Support Package 3 for SAP BW 7.52 (SAPK-75203INSAPBW) into your BW system. The support package is available once **SAP Note 2613219** ("SAPBWNews NW BW 7.52 ABAP SP3"), which describes this SP in more detail, has been released for customers.

- **SAP BW 7.54**

Import Support Package 09 for SAP BW 7.54 (SAPK-75409INSAPBW) into your BW or AS ABAP system. The support package is available once **SAP Note 3228375** ("SAPBWNews BW 7.54 ABAP SP09"), which describes this SP in more detail, has been released for customers.

- **SAP BW 7.55**

Import Support Package 06 for SAP BW 7.55 (SAPK-75506INSAPBW) into your BW system or AS ABAP system. The support package is available once **SAP Note 3221000** ("SAPBWNews BW 7.55 ABAP SP 06"), which describes this SP in more detail, has been released for customers.

- **SAP BW 7.56**

Import Support Package 04 for SAP BW 7.56 (SAPK-75604INSAPBW) into your BW system or AS ABAP system. The support package is available once **SAP Note 3221033** ("SAPBWNews NW BW 7.56 ABAP SP04"), which describes this SP in more detail, has been released for customers.

- **SAP BW 7.57**

Import Support Package 02 for SAP BW 7.57 (SAPK-75702INSAPBW) into your BW system or AS ABAP system. The support package is available once **SAP Note 3221007** ("SAPBWNews NW BW 7.57 ABAP SP02"), which describes this SP in more detail, has been released for customers.

- **SAP BW/4HANA 2.0**

Import Support Package 14 for SAP BW/4HANA 2.0 (SAPK-20014INDW4CORE) into your BW system. The support package is available once **SAP Note 3221043** ("SAPBWNews SAP BW/4HANA 2.0 SP14"), which describes this SP in more detail, has been released for customers.

- **SAP BW/4HANA 2021**

Import Support Package 05 for SAP BW/4HANA 2021 (SAPK-30005INDW4CORE) into your BW system. The support package is available once **SAP Note 3228347** ("SAPBWNews SAP BW/4HANA 2021 SP05"), which describes this SP in more detail, has been released for customers.

In urgent cases, you can implement the correction instructions as an advance correction.

**You must first read SAP Notes 1668882 and 2248091, which provide information about transaction SNOTE.**

To provide information in advance, the SAP Note(s) specified above might already be available before the support package is released. In this case, however, the short text of the SAP Note still contains the term "preliminary version".

## Manual Activities

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Manual Post-Implement.

|VALID FOR |  
|Software Component SAP\_BW Business Inform...|  
|Release 750 SAPK-75004INSAPBW - SAPK-75012INSAPBW |  
|Release 751 SAPK-75103INSAPBW - SAPK-75106INSAPBW |  
Release 752 Until SAPK-75202INSAPBW

**Caution:** You have to perform this manual post-implementation step manually and separately in each system **after** you have imported the Note to implement.

To prevent the technical name from being displayed instead of the 25-digit identifier, set the value of the RSADMIN parameter MDX\_DONT\_DERIVE\_KYF\_NAMES to X (using the program SAP\_RSADMIN\_MAINTAIN in transaction SA38/SE38). You then have to regenerate the involved BEx Analyzer query.

## Software Components

Software Component	Release
DW4CORE	200 - 200
DW4CORE	300 - 300
SAP_BW	750 - 757

## Correction Instructions

Software Component	From	To	Version	Changed on	ID
DW4CORE	200	300	1	21.03.2023 08:28:39	0001221724
SAP_BW	752	752	4	25.06.2018 16:54:52	0000388916
SAP_BW	750	751	2	10.10.2018 12:53:38	0000381290
DW4CORE	200	300	2	16.02.2023 09:01:59	0001357408
SAP_BW	754	757	1	16.02.2023 08:57:45	0001357409

## Other Components

Component	Description
BW4-AE-API-MDX	Multidimensional Expressions

## Prerequisites

Software Component	From	To	SAP Note/KBA	Title	Component
DW4CORE	200	200	2948073	Errors on query execution in the program SAPLRZ10	BW-BEX-ET-QDEF
DW4CORE	200	300	2658221	BAPI GetMeasures: Changes resulting from SAP Note 2569461	BW-BEX-OT-MDX
SAP_BW	740	752	2645375	System error in program CL_RSR_RRI2_FEMS_BUILDER and form FILL_FEMS_INFORMATION-02 during query generation	BW-BEX-OT-OLAP
SAP_BW	750	750	2386430	Formula collision resolution and calculated keyfigures (CKFs)	BW-BEX-OT-OLAP
SAP_BW	750	751	2569461	Enablement of technical names (map names) of reusable keyfigures in queries	BW-BEX-OT-OLAP
SAP_BW	750	751	2571055	Currency/ Unit conversion on a CKF is not working as expected - Query generation terminates with message SET_CELL_AGGR-06 -	BW-BEX-OT-OLAP
SAP_BW	750	751	2658221	BAPI GetMeasures: Changes resulting from SAP Note 2569461	BW-BEX-OT-MDX
SAP_BW	750	754	2880547	MAPNAME for the Restricted Key Figures is not displayed	BW-BEX-ET-QDEF
SAP_BW	750	754	2948073	Errors on query execution in the program SAPLRZ10	BW-BEX-ET-QDEF
SAP_BW	752	752	2569461	Enablement of technical names (map names) of reusable keyfigures in queries	BW-BEX-OT-OLAP
SAP_BW	752	752	2571055	Currency/ Unit conversion on a CKF is not working as expected - Query generation terminates with message SET_CELL_AGGR-06 -	BW-BEX-OT-OLAP
SAP_BW	752	752	2624453	Inconsistent behaviour between CKFs and Formulas	BW-BEX-OT-OLAP
SAP_BW	755	755	2948073	Errors on query execution in the program SAPLRZ10	BW-BEX-ET-QDEF

## Support Package

Software Component	Release	Support Package
DW4CORE	200	SAPK-20014INDW4CORE
DW4CORE	300	SAPK-30006INDW4CORE
SAP_BW	750	SAPK-75013INSAPBW
SAP_BW	752	SAPK-75203INSAPBW
SAP_BW	754	SAPK-75409INSAPBW
SAP_BW	755	SAPK-75507INSAPBW
SAP_BW	756	SAPK-75604INSAPBW
SAP_BW	757	SAPK-75702INSAPBW

## This document refers to

SAP Note/KBA	Title
3228375	Preliminary Version SAPBWNews BW 7.54 ABAP SP 09
3228347	Preliminary Note: SAPBWNews SAP BW/4HANA 2021 SP05
3221043	Preliminary Version: SAPBWNews SAP BW/4HANA 2.0 SP 14
3221033	
3221007	Preliminary Note: SAPBWNews BW 7.57 ABAP SP 02
3221000	Preliminary Note: SAPBWNews BW 7.55 ABAP SP 06
2653494	SAPBWNews BW 7.53 ABAP SP 01
2633431	SAPBWNews BW 7.50 ABAP SP 13
2613219	SAPBWNews BW 7.52 ABAP SP 03
2586678	SAPBWNews BW 7.51 ABAP SP 07
2569461	Enablement of technical names (map names) of reusable keyfigures in queries

**This document is referenced by**

SAP Note/KBA	Title
2777473	MDX: FAQ for Power BI accessing BW or BW/4HANA
2655171	BAPI universe inconsistency after BW update from BW 7.5 SP09 to SP11

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