SAP Note

SAP **3032765 - Logs For Automatic Rowstore Reorganization Are Not Captured in Database Trace**

Version 6   **Validity:** 07.07.2021 - active

Language English

Header Data

Released On	07.07.2021 07:30:18 **By** Jinsol Kim (I533393)
Release Status	Released for Customer
Component	HAN-DB SAP HANA Database Display ACRF Content
Priority	Recommendations / Additional Info
Responsible	Jinsol Kim (I533393)
Processor	Jinsol Kim (I533393)
Category	Consulting
Relevant for Translation	No

Symptom

A database trace for 'rowstorereorg' is not populated when **automatic** rowstore reorganization is performed.

For example, you can monitor automatically triggered reorg using below queries:

SELECT * FROM SYS.M_DEV_RS_ONLINE_REORG_SEGMENTS WHERE HOST = '<HOST>' AND PORT = <PORT> ORDER BY REORGANIZED_AT, SEGID ASC;
SELECT * FROM SYS.M_DEV_RS_ONLINE_REORG WHERE HOST = '<HOST>' AND PORT = <PORT> ORDER BY START_TIME ASC;

But indexserver_*.row_store_reorg.*.trc does not include logs corresponding to automatic reorg process. Only manual reorg information is captured in the trace.

Other Terms

Trace Configuration, Online Rowstore Reorganization, Default Trace Level

Reason and Prerequisites

Issue number 264176

Reason:

Due to the default level of trace value 'rowstorereorg' being 'error', automatic rowstore reorganization activities are not captured in database trace unless trace level is manually specified to 'info' or 'debug'.

Affected Releases:

- SAP HANA 1:
  - Revisions of SPS07 - SPS12

- SAP HANA 2:
  - Revisions of SPS00 - SPS03
  - Revisions <= 048.04 (SPS04)
  - Revisions <= 055.00 (SPS05)

Prerequisites:

- Automatic rowstore reorganization is enabled.
- Default tracel level for 'rowstorereorg' is in use.

Solution

Apply one of the following SAP HANA Revisions:

- SAP HANA 2:
  - Revisions >= 048.05 (SPS04)
  - Revisions >= 056 (SPS05)
  - or higher

- or higher

Workaround:

- Specify the trace level to 'info' or 'debug' manually

  ALTER SYSTEM ALTER CONFIGURATION ('indexserver.ini', 'SYSTEM') SET ('trace, 'rowstorereorg') = 'info' WITH RECONFIGURE;

  Starting with SAP HANA 2 SPS03 comments should be added:

  ALTER SYSTEM ALTER CONFIGURATION ('indexserver.ini', 'SYSTEM') SET ('trace, 'rowstorereorg') = 'info' WITH RECONFIGURE COMMENT 'SAP Note *3032765*. <ADDITIONAL ACTION *e.g.Increase the trace level so that automatic rowstore reorganization can be captured in database trace*>';

Validity

Software Component	From Rel.	To Rel.	And Subsequent	
HDB	1.00	1.00		
	2.00	2.00		

References

This document refers to:

SAP Knowledge Base Articles
2119087   HAN-DB   How-To: Configuring SAP HANA Traces
SAP Notes
2945435   HAN-DB   Known issues detected in SAP HANA 2 SPS05
2784704   HAN-DB   Known issues detected in SAP HANA 2 SPS04
2628684   HAN-DB   Known issues detected in SAP HANA 2 SPS03
2525424   HAN-DB   Known issues detected in SAP HANA 2 SPS02
2462139   HAN-DB   Known issues detected in SAP HANA 2 SPS01
2432112   HAN-DB   Known issues detected in SAP HANA 2 SPS00
2380229   HAN-DB   SAP HANA Platform 2.0 - Central Note
2325090   HAN-DB   Known issues detected in SAP HANA 1 SPS12
2265103   HAN-DB   Known issues detected in SAP HANA 1 SPS11
2184212   HAN-DB   Known issues detected in SAP HANA 1 SPS10
2093754   HAN-DB   Known issues detected in SAP HANA 1 SPS09

2066225 HAN-DB [Known issues detected in SAP HANA 1 SPS08](#)
1523337 HAN-DB [SAP HANA Database 1.00 - Central Note](#)

This document is referenced by:

Customer Incident (2)

Number	Year	Title	Status	Processor	Customer Number	Customer Name
0000724808	2021	online_*_store_reorganization was triggered_or_not	Closed	Sandeep Mishra	0000033662	Medline Industries, Inc.
0000929828		Automatic_*_Store_reorganization NOT running	Restricted	Daehoon Jang	0000149080	MCB Business & Information Services

SAP Knowledge Base Articles (1)
2380176 HAN-DB [FAQ: SAP HANA Database Trace](#)

ServiceNow Case (3)

Number	Year	Text	Status	Processor	Customer Number	Customer
0000929828	2021	Automatic Row Store reorganization NOT_running	Closed	Daehoon Jang (I348023)	0000149080	MCB Business & Information (0000149
		Automatic Row Store reorganization NOT_running	Closed	Daehoon Jang (I348023)	0000149080	MCB Business & Information (0000149