

SAP Note

**3091361 - A Query Fails With an Error "[2981] Failed to insert requested attribute "<attribute_name>" into plan: Lob type not support"****Version 6** **Validity:**
19.11.2021 - active**Language** English

Header Data

Released On	19.11.2021 18:42:52 By Beate Groetschnig (I035208)
Release Status	Released for Customer
Component	HAN-DB SAP HANA Database Display ACRF Content
Priority	Correction with high priority
Responsible	Jinsol Kim (I533393)
Processor	Jinsol Kim (I533393)
Category	Program error
Relevant for Translation	No

Symptom

A query fails with an error similar to the following:

SAP DBTech JDBC: [2048]: column store error: search table error: [2981] Failed to insert requested attribute "<attribute_name>" into plan: Lob type not supported

[Example scenario]

1. CREATE COLUMN TABLE TEST_TABLE (STATEMENT_STRING **nclob**);
2. SELECT SUBSTRING(STATEMENT_STRING,1,10000) FROM TEST_TABLE **GROUP BY SUBSTRING**(STATEMENT_STRING,1,10000) WITH HINT (NO_USE_HEX_PLAN, USE_OLAP_PLAN);

=> Could not execute 'SELECT SUBSTRING(STATEMENT_STRING,1,10000) FROM TEST_TABLE GROUP BY ...' in 3 ms 458 µs .

SAP DBTech JDBC: [2048]: column store error: search table error: [2981] Failed to insert requested attribute "STATEMENT_STRING0:10000" into plan: Lob type not supported

Hereinafter, a clause with a pattern like the one below will be referred to as 'Expression Grouping':

GROUP BY SUBSTRING(STATEMENT_STRING,1,10000)

Other Terms

OLAP Engine, LOB Type, Expression Grouping


```
SELECT SUBSTRING(STATEMENT_STRING,1,10000) FROM TEST_TABLE
GROUP BY SUBSTRING(STATEMENT_STRING,1,10000)
WITH HINT (NO_USE_OLAP_PLAN);
```

Validity

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

Support Packages & Patches

Support Package Patches

Software Component	Support Package	Patch Level
SAP HANA DATABASE 2.0	SP059	000000

References

This document refers to:

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](#)

ServiceNow Case

This document is referenced by:

Customer Incident (1)

Number	Year	Title	Status	Processor	Customer Number	Customer Name
0004752026	2023	Cannot use LOB Type data from SAP B1 i.e. User.Text	Restricted	Marwa Hosni	0001413279	Vanguard Myanmar Co., Ltd.

SAP Notes (1)3102609 HAN-DB [SAP HANA 2 SPS05 Revision 059.00](#)**ServiceNow Case (2)**

Number	Year	Text	Status	Processor	Customer Number	Customer
0004752026	2023	Cannot use LOB Type data from SAP_B1.i.e UserText	Closed	Anonymized (C5348400)		
0000514253	2021	Query return error [2981] Failed to insert requested attribu	Closed	Jinsol Kim (I533393)		