

Storage Engine, Tablespace Usage Too High In PLDB, Warning

Ericsson Centralized User Database

OPERATING INSTRUCTION

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1 Overview

1.1 Description

This alarm is raised when a specific Tablespace in the Processing Layer Database Storage Engine is running out of available space and has reached a threshold.

The alarm attributes are listed and explained in Table 1:

Table 1 Alarm Attributes

| Attribute Name | Attribute Value |
|------------------------------|---|
| Auto Cease | Yes |
| Module | STORAGE-ENGINE |
| Error Code | 14 |
| Timestamp First | Date and time when the alarm was raised for the first time. |
| Repeated Counter | Number which indicates how many times the alarm was raised. |
| Timestamp Last | Date and time of the most recent alarm raised. |
| Resource ID | .1.3.6.1.4.1.193.169.1.1.14.<TSI> |
| Alarm Model Description | Tablespace usage too high, Storage Engine. |
| Alarm Active Description | Storage Engine (PLDB): Tablespace <TSN> is running out of available space for additional storage. |
| ITU Alarm Event Type | processingErrorAlarm (4) |
| ITU Alarm Probable Cause | storageCapacityProblem (151) |
| ITU Alarm Perceived Severity | (6) – Warning |
| Originating Source IP | Node ID where the alarm was raised. |
| Sequence Number | Number which indicates the order in which alarms were raised. |

In Table 1, the indicated variables are as follows:

- <TSI> is an identifier for the Tablespace. Specifically, it is the Tablespace Name in a dot-separated, ASCII-encoded, character-per-character format.
- <TSN> is the Tablespace Name.

For further information about attribute descriptions, refer to [CUDB Node Fault Management Configuration Guide, Reference \[1\]](#).

The possible causes of the alarm are as follows:

- PLDB cluster in CUDB node use of memory has reached the warning level.



1.2 Prerequisites

1.2.1 Documents

Refer to *CUDB System Administrator Guide*, Reference [2] for further information.

1.2.2 Tools

Not applicable.

1.2.3 Conditions

Not applicable.



2 Procedure

Perform the following steps:

1. Alter the tablespace <TSN> to add more data files. To do this, use the **cudbDbDiskManage** command. For more information about this command, refer to *CUDB Node Commands and Parameters, Reference [3]*.
2. If the alarm does not cease, consult the next level of maintenance support. Further actions are outside the scope of this Operating Instruction.



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Glossary

For the terms, definitions, acronyms, and abbreviations used in this document, refer to [CUDB Glossary of Terms and Acronyms, Reference \[4\]](#).



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Reference List

CUDB Documents

- [1] CUDB Node Fault Management Configuration Guide
- [2] CUDB System Administrator Guide
- [3] CUDB Node Commands and Parameters
- [4] CUDB Glossary of Terms and Acronyms