

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.





Glossary

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





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*