

# Storage Engine, Out Of Tablespace In DS Ericsson Centralized User Database

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## OPERATING INSTRUCTION

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# Contents

|          |                       |          |
|----------|-----------------------|----------|
| <b>1</b> | <b>Overview</b>       | <b>1</b> |
| 1.1      | Description           | 1        |
| 1.2      | Prerequisites         | 2        |
| <b>2</b> | <b>Procedure</b>      | <b>3</b> |
|          | <b>Glossary</b>       | <b>5</b> |
|          | <b>Reference List</b> | <b>7</b> |





# 1 Overview

## 1.1 Description

This alarm is raised when a specific Tablespace in a Data Store (DS) cluster in a CUDB node becomes full.

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                   | 15   |
| 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                  | .1.3.6.1.4.1.193.169.1.2.15.<DG>.<TSI>   |
| Alarm Model Description      | Out of Tablespace, Storage Engine.   |
| Alarm Active Description     | Storage Engine (DS-group #<DG>): Tablespace <TSN> has run out of available space for additional storage. |
| ITU Alarm Event Type         | processingErrorAlarm (4)   |
| ITU Alarm Probable Cause     | outOfMemory (162)  |
| ITU Alarm Perceived Severity | (4) - Major  |
| 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:

- <DG> is the DS-group this cluster belongs to.
- <TSI> is an identifier for the Tablespace: 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:



- DS cluster in CUDB node use of Tablespace has reached the maximum size.

## 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*