

Storage Engine, Out Of Tablespace In DS

Ericsson Centralized User Database

OPERATING INSTRUCTION

Copyright

© Ericsson AB 2015, 2016. All rights reserved. No part of this document may be reproduced in any form without the written permission of the copyright owner.

Disclaimer

The contents of this document are subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson shall have no liability for any error or damage of any kind resulting from the use of this document.

Trademark List

All trademarks mentioned herein are the property of their respective owners. These are shown in the document Trademark Information.



Contents

1	Overview	1
1.1	Description	1
1.2	Prerequisites	2
2	Procedure	3
	Glossary	5
	Reference List	7





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