

Storage Engine, PLDB Cluster in Maintenance Mode

Ericsson Centralized User Database

Operating Instructions

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1 Introduction

This instruction concerns alarm handling for the Storage Engine, PLDB Cluster in Maintenance Mode alarm.

1.1 Alarm Description

This alarm is raised when a Processing Layer Database (PLDB) Storage Engine is in maintenance mode.

The possible alarm causes and the corresponding fault reasons, fault locations, and impacts are described in [Table 1](#).

Table 1 Alarm Causes

| Alarm Cause | Description | Fault Reason | Fault Location | Impact |
|--|--|--|----------------|---|
| PLDB Storage Engine in maintenance mode. | A PLDB cluster has entered maintenance mode. | <ul style="list-style-type: none"> — PLDB was manually set to maintenance mode. — Failed restore of the PLDB. — Failed restart of the PLDB. | Affected PLDB. | Affected PLDB cluster cannot provide service. |

The alarm attributes are listed and explained in [Table 2](#):

Table 2 Alarm Attributes

| Attribute Name | Attribute Value |
|------------------------------|---|
| Auto Cease | Yes |
| Module | STORAGE -ENGINE |
| Error Code | 13 |
| 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 | .1.3.6.1.4.1.193.169.1.1.13 |
| Alarm Model Description | Cluster in maintenance mode, Storage Engine. |
| Alarm Active Description | Storage Engine (PLDB): Storage Engine is in maintenance mode. |
| ITU Alarm Event Type | processingErrorAlarm (4) |
| ITU Alarm Probable Cause | softwareProgramError (546) |
| 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. |



For further information about attribute descriptions, refer to CUDB Node Fault Management Configuration Guide.

1.2 Prerequisites

This section provides information on the documents, tools, and conditions that apply to the procedure.

1.2.1 Documents

This instruction references the following documents:

- CUDB Node Fault Management Configuration Guide
- CUDB Node Logging Events

1.2.2 Tools

Not applicable.

1.2.3 Conditions

Not applicable.



2 Procedure

Steps

Do the following:

1. Check if the cluster was ordered to enter maintenance mode. Refer to [CUDB Node Logging Events](#) for more information on the logs to check.
 - Cluster was not ordered to enter maintenance mode: If the alarm does not cease, contact 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