

LDAP Front End, Processing Capacity Below Minimum

Ericsson Centralized User Database

Operating Instructions

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LDAP Front End, Processing Capacity Below Minimum



1 Introduction

This instruction concerns alarm handling for the LDAP Front End, Processing Capacity Below Minimum alarm.

1.1 Alarm Description

The alarm is issued when there are more Lightweight Directory Access Protocol (LDAP) Front Ends (FEs) down than the number of LDAP FEs set as the redundancy level (maximum number of LDAP FEs down permitted). For further information, refer to [CUDB LDAP Data Access](#).

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
Number of LDAP FEs down exceeds the number of LDAP FEs set as the redundancy level.	Maximum number of LDAP FEs down permitted is exceeded.	Too many LDAP FEs are down.	LDAP Front Ends	System ability to maintain the optimum level of service is degraded.

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

Table 2 Alarm Attributes

Attribute Name	Attribute Value
Auto Cease	Yes
Module	LDAP-FE
Error Code	2
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	.1.3.6.1.4.1.193.169.2.2
Alarm Model Description	LDAP processing capacity below minimum, LDAP front-end.
Alarm Active Description	LDAP front-end: LDAP processing capacity degraded.
ITU Alarm Event Type	qualityOfServiceAlarm (3)
ITU Alarm Probable Cause	softwareProgramError (546)
ITU Alarm Perceived Severity	(3) - Critical
Originating Source IP	Node IP 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

1.2.1 Documents

This instruction references the following documents:

- CUDB LDAP Data Access
- CUDB Node Fault Management Configuration Guide
- CUDB Node Logging Events
- LDAP Front End, Server Down

1.2.2 Tools

Not applicable.

1.2.3 Conditions

Not applicable.



2 Procedure

Perform the following steps:

Steps

1. If the alarm is not cleared automatically in a short period of time, check the log in faulty LDAP FE(s). For more information, refer to [CUDB Node Logging Events](#).
2. For the faulty LDAP FE(s), check if the LDAP Front End, Server Down alarm is issued. For more information, refer to [LDAP Front End, Server Down](#), and follow the procedure detailed there.
3. 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