

MtasLicenses, MMTel Communication State Exposure License Absent

MTAS

OPERATING INSTRUCTIONS

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1 Introduction

This document concerns alarm handling.

1.1 Alarm Description

The alarm is raised when the Communication State Exposure services are enabled through the `mtasDenAdministrativeState` attribute, but the license allowing use of these services is not available in Network License Server (NeLS).

The alarm is cleared when a valid license is installed or the `mtasDenAdministrativeState` attribute is set to LOCKED.

For more information, refer to *MTAS Licenses*.

The possible alarm causes and fault locations are described in Table 1.

Table 1 Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
A Communication State Exposure license is not present.	MTAS is unable to get license details from NeLS.	The NeLS server is unreachable, or the license is unavailable, has expired, or is corrupt.	NeLS server	MTAS cannot handle the Communication State Exposure services.
			TLS ⁽¹⁾ configuration in the ME ⁽²⁾	
			Possible IP network issue	
			DNS ⁽³⁾ server	
			Network interface	

(1) Transport Layer Security (TLS)

(2) Managed Element (ME)

(3) Domain Name System (DNS)

The alarm attributes are described in Table 2.

Table 2 Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	6619238
Managed Object Class	<i>MtasLicenses</i>
Managed Object Instance	<code>MtasFunction.applicationName=MtasFunction,MtasLicenses.mtasLicenses=0</code>



Table 2 Alarm Attributes

Attribute Name	Attribute Value
Specific Problem	MtasLicenses, MMTel Communication State Exposure License Absent
Event Type	communicationsAlarm (2)
Probable Cause	m3100Unavailable(14)
Additional Text	No License found or License Server Not reachable or License expired or License Server in LOCKED mode
Perceived Severity	major (4)

1.2 Prerequisites

This section describes the possible documents, tools, and conditions needed before performing steps to clear the alarm.

1.2.1 Documents

This instruction references the following documents:

- *Data Collection Guideline for MTAS*
- *License Management*
- *License Management, Autonomous Mode Activated*
- *License Management, Key File Fault*
- *MTAS Licenses*
- *View License Information*

1.2.2 Tools

Not applicable.

1.2.3 Conditions

Before starting this procedure, ensure that the following conditions are met:

- An MtasLicenses, MMTel Communication State Exposure License Absent alarm is raised.
- No ongoing maintenance activities are affecting the network or network elements.



- The user has proper authority to handle configuration management of the network elements.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.





2 Procedure

To clear the alarm:

1. If there is any network-related alarm on the ME, act on it first.
2. If there is a *License Management, Autonomous Mode Activated* alarm on the ME, act on it.
3. If there is a *License Management, Key File Fault* alarm on the ME, act on it.
4. Check if a valid `vMtasComStateExposure` license (*CXC4012151*) is installed. For more information, refer to *View License Information*.
5. If no license is present, or if the `granted` status of the license is `false`, and `expiration` shows an already elapsed date, proceed with Step 8.
6. Check the alarm status. Is the alarm still active?

Yes: Continue with the next step.

No: Proceed with Step 9.
7. Perform data collection using Data Collection Tool with a Full profile. For more information, refer to *Data Collection Guideline for MTAS*.
8. Consult the next level of maintenance support. Further actions are outside the scope of this instruction.
9. Job is completed.