

MtasLicenses, BL Location Services License Absent MTAS

OPERATING INSTRUCTIONS

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MtasLicenses, BL Location Services License Absent



1 Introduction

This instructions concerns alarm handling.

1.1 Alarm Description

The alarm is raised when a valid Business Line (BL) location services support license is not available in the Network License Server (NeLS) and the following conditions apply:

- The MMTel-AS is configured to serve business users (attribute `mtasMmtServedSubscriberType` is set to `BUSINESS` or `BUSINESS_AND_CONSUMER`).
- The Dialed Number Mapping (DNM) service is enabled through the `mtasDnmAdministrativeState` attribute.

The alarm is cleared when at least one of the following conditions apply:

- A valid `vMtasBLLocationServicesSupport` license is installed.
- Attribute `mtasDnmAdministrativeState` is locked.

For more information, refer to *MTAS Licenses*.

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
The BL Location services support 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 corrupted.	NeLS server	MTAS cannot handle the location services (for example, DNM) for the business subscribers.
			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	6619239
Managed Object Class	<i>MtasLicenses</i>
Managed Object Instance	MtasFunction.applicationName=MtasFunction,MtasLicenses.mtasLicenses=0
Specific Problem	MtasLicenses, BL Location Services License Absent
Event Type	communicationsAlarm (2)
Probable Cause	Unavailable(14)
Additional Text	No License found or License Server Not reachable or License expired or License Server in LOCKED mode
Perceived Severity	Major (4)
Additional Info	-

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, BL Location Services 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 `vMtasBLLocationServicesSupport` license (*CXC4012174*) 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.