

E-CSCF Mandatory Data Not Configured

Call Session Control Function

OPERATING INSTRUCTIONS

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Contents

1	Introduction	1
1.1	Alarm Description	1
1.2	Prerequisites	2
2	Procedure	3
2.1	Analyze the Alarm	3
2.2	Actions to Clear the Alarm	3



E-CSCF Mandatory Data Not Configured



1 Introduction

This instruction concerns alarm handling.

1.1 Alarm Description

The alarm indicates that the Emergency CSCF (E-CSCF) does not have sufficient configuration to process traffic and the `ecscfOperationalState` is DISABLED. This configuration error prevents the application subsystem from processing traffic.

The possible causes are as follows:

- The E-CSCF interface is not configured.
- One or more critical parameters are not set.

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 E-CSCF does not have sufficient mandatory configuration to process traffic.	The E-CSCF is misconfigured, or not configured, and is therefore prevented from processing traffic.	The E-CSCF mandatory data (interface or domain information) is misconfigured or missing.	The attribute <code>ecscfNetworkInterfaceEntry</code> is placed in the MOC <code>EcscfNetworkInterface</code> , and the attribute <code>ecscfDomainNameEntry</code> is placed in the MOC <code>CscfEmergencyClass</code> . One or both attributes contain erroneous or missing configuration data.	The E-CSCF interface is not configured to receive or send traffic, resulting in the E-CSCF being unreachable for other nodes, such as P-CSCF, which means that emergency calls fail.



Note: The alarm can appear as a result of maintenance activity.

The alarm attributes are listed and explained in Table 2.

Table 2 Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	6684687
Managed Object Class	Ecscf
Managed Object Instance	ManagedElement=<node_name>,CscfFunction=1,CSCF-Application=CSCF,Ecscf=0
Specific Problem	E-CSCF Mandatory Data Not Configured
Event Type	processingErrorAlarm (4)
Probable Cause	x733ConfigurationOrCustomization Error (307)
Additional Text	Check: EcscfNetworkInterface and/or ecscfDomainNameEntry
Perceived Severity	critical (3)

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:

- *CSCF Configuration Management*
- *Managed Object Model (MOM)*

1.2.2 Tools

No tools are required.

1.2.3 Conditions

No conditions.



2 Procedure

This section describes the procedure to follow when this alarm is received.

2.1 Analyze the Alarm

Do the following:

1. Check if there is a reconfiguration planned on the node requiring that the node must be taken out of service. If so, ignore this alarm until the reconfiguration has been completed.

2.2 Actions to Clear the Alarm

Do the following:

1. If the E-CSCF application is not to be used, disable it by setting `ecscfEnabled=false`.
2. Check that the E-CSCF network interface is properly configured in the configuration parameter `ecscfNetworkInterfaceEntry`.
3. Check that the E-CSCF domain name is properly configured in the configuration parameter `ecscfDomainNameEntry`. For more information about configuration management parameters, refer to *Managed Object Model (MOM)* and *CSCF Configuration Management*.
4. Confirm that the alarm ceases after the configuration is corrected. If not, repeat Step 2 to Step 4. Check for more missing parameters, or check that the parameters were configured correctly.
5. If the alarm remains, consult the next level of maintenance support. Further actions are outside the scope of this instruction.
6. Job is completed.