

E-CSCF Mandatory Data Not Configured

Call Session Control Function

OPERATING INSTRUCTIONS

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E-CSCF Mandatory Data Not Configured



1 Alarm Description

The alarm E-CSCF Mandatory Data Not Configured 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.

Table 1 E-CSCF Mandatory Data Not Configured 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 <code>MOC EcscfNetworkInterface</code> , and the attribute <code>ecscfDomainNameEntry</code> is placed in the <code>MOC 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: This alarm can appear as a result of maintenance activity.

Table 2 E-CSCF Mandatory Data Not Configured Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	6684687
Managed Object Class	<code>Ecscf</code>
Managed Object Instance	<code>ManagedElement=<node_name>,CscfFunction=1,CSCF-Application=CSCF,Ecscf=0</code>



Attribute Name	Attribute Value
Specific Problem	E-CSCF Mandatory Data Not Configured
Event Type	processingErrorAlarm (4)
Probable Cause	x733ConfigurationOrCustomizationError (307)
Additional Text	Check: EcscfNetworkInterface and/or ecscfDomainNameEntry
Perceived Severity	critical (3)

2 Procedure

2.1 Handle Alarm E-CSCF Mandatory Data Not Configured

Prerequisites

- This instruction references the following documents:
 - CSCF Configuration Management
 - Managed Object Model (MOM)
- No tools are required.
- The following condition must apply:
 - The alarm is raised.

Steps

1. Is a reconfiguration planned on the node that requires to take the node out of service?

Yes: Ignore this alarm until the reconfiguration has been completed and proceed to Step 7.

No: Continue to the next step.
2. If the E-CSCF application is not to be used, disable it by setting `ecscfEnabled` to **false**.
3. Make sure that the E-CSCF network interface is properly configured in the configuration parameter `ecscfNetworkInterfaceEntry`.



4. Make sure 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](#).

5. Has the alarm ceased?

Yes: Proceed with Step 7.

No: Perform one of the following options:

- Repeat Step 3 to Step 5. Check for more missing parameters, or check that the parameters were configured correctly.
- Continue to the next step.

6. If the alarm is not ceased, consult the next level of maintenance support.

Further actions are outside the scope of this instruction.

7. Job is completed.