

CSCF Mandatory Data Not Configured

Call Session Control Function

OPERATING INSTRUCTIONS

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CSCF Mandatory Data Not Configured



1 Alarm Description

The alarm is raised when the CSCF does not have sufficient configuration to process traffic and the `cscfISPOperationalState` is DISABLED.

Table 1 CSCF Mandatory Data Not Configured Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
The CSCF does not have sufficient mandatory configuration to process traffic.	The CSCF is misconfigured or not configured and therefore is prevented from processing traffic.	<ul style="list-style-type: none"> One or more of the I-CSCF, S-CSCF, and P-CSCF interfaces are not correctly configured. One or more critical parameters are not set. 	The Additional Text in the alarm states which attributes contain erroneous or missing configuration data. Only attributes related to which CSCF applications that are enabled by parameter <code>cscfISPBehavior</code> are output.	The I-CSCF, S-CSCF, and P-CSCF applications are not configured to receive or send traffic, resulting in that none of the I-CSCF, S-CSCF, and P-CSCF applications are reachable for other nodes, which means that SIP calls towards these applications fail.

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

Table 2 CSCF Mandatory Data Not Configured Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	6684673
Managed Object Class	CSCF-Application
Managed Object Instance	ManagedElement=<node_name>, CscfFunction=1, CSCF-Application=CSCF
Specific Problem	CSCF Mandatory Data Not Configured
Event Type	processingErrorAlarm (4)



Attribute Name	Attribute Value
Probable Cause	x733ConfigurationOrCustomizingError (307)
Additional Text	Indicates which parameters that are not configured. ⁽¹⁾ Format: Please check:[parameter name(s)].
Perceived Severity	critical (3)

(1) The following attribute names can be output: IcsfNetworkInterface,ScscfNetworkInterface,PcscfNetworkInterface,cscfCXOriginHost,cscfCXOriginRealm,cscfCXDestinationHost,cscfCXDestinationRealm,cscfChargingInterOpId,cscfRxOrigHostAddress,cscfRxOrigRealmAddress,cscfRxDestHostAddress,cscfRxDestRealmAddress,icscfDomainNameEntry,pcscfDomainNameEntry,scscfDomainNameEntry.

2 Procedure

2.1 Handle Alarm 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 6.

No: Continue to the next step.



2. Is the parameter `cscfISPBehavior` configured to reflect the latest site configuration information for the enabling of the I-CSCF, S-CSCF, and P-CSCF applications?

Yes: Continue to the next step.

No: Reconfigure `cscfISPBehavior` and then proceed to Step 4.

3. Check and correct the attributes from the field `Additional Text` in the alarm.

For more information about the configuration management parameters, refer to [Managed Object Model \(MOM\)](#) and [CSCF Configuration Management](#).

4. Has the alarm ceased after correcting the configuration?

Yes: Proceed to Step 6.

No: Perform one of the following options:

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

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

Further actions are outside the scope of this instruction.

6. Job is completed.