

SS7 CAF ECM Goes Active

Call Session Control Function

OPERATING INSTRUCTIONS

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1 Alarm Description

This is an alarm of severity MINOR.

The alarm is issued when an ECM has taken the active role.

Table 1 SS7 CAF ECM Goes Active Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
<ul style="list-style-type: none"> The system has recently been started and ECM has determined which host that should be active. The active ECM is moved either because of user request or automatically. 	The active ECM (its only one active ECM in the cluster) has moved to another node in the SS7 CAF cluster.	<ul style="list-style-type: none"> System start. ECM is moved. Internal cluster network problems. 	Internal cluster network	<p>This notification requires no remedial action, it is an informative alarm.</p> <p>If this alarm is raised more than 5 times within 5 minutes or is persistent for 5 minutes, there is some problem with the internal cluster network.</p>

Table 2 SS7 CAF ECM Goes Active Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	1586561542
Managed Object Class	Not Applicable
Source	3GPPSystemComponents.Name=<*>,Ecm.Name=<*>,Host.Address=<*>
Specific Problem	SS7 CAF ECM Goes Active
Perceived Severity	SEVERITY_MINOR



2 Procedure

2.1 Handle Alarm SS7 CAF ECM Goes Active

Prerequisites

- No documents are referenced.
- No tools are required.
- The following condition must apply:
 - The alarm is raised multiple times or is persistent.

Steps

1. Check other alarms from the cluster concerning the internal cluster network status.
2. Collect the `ecm.log` and `ss7trace.log` located in `/opt/sign/log`.

Also collect the current configuration which is located in the folder `/opt/sign/etc`. Collect the file `active.om.cim` and all the files with the extension `*.cnf`.

3. Contact next level of support and provide the files collected in Step 2.