

COM SA, AMF Component Instantiation Failed

OPERATING INSTRUCTIONS

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COM SA, AMF Component Instantiation Failed



1 Alarm Description

The alarm is raised by the middleware Availability Management Framework (AMF) service.

The alarm can appear as a result of initial installation or software upgrade.

The alarm is raised when the AMF cannot successfully instantiate a software component. Depending on the software component, a successful instantiation can, for example, encompass the following:

- A successful start of processes
- A successful creation of files
- A successful execution of commands

A software component instantiation can fail, either when encountering an error situation, or when it is unable to complete successfully within a specified time.

Table 1 COM SA, AMF Component Instantiation Failed Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
Unable to instantiate a software component	The software component that the AMF tries to instantiate does not acknowledge its successful instantiation in time.	The software component is defect.	The software component that fails to be instantiated.	The service the software component provides is lost.
	The AMF configuration of the software component is incorrect, for example, defines an incorrect instantiation command or too short time for instantiation.	The AMF configuration for the software component is defect.	The configuration of the software component that fails to be instantiated.	The software component is permanently taken out of operation.



2 Procedure

2.1 Handle Alarm COM SA, AMF Component Instantiation Failed

Prerequisites

- This instruction references the following document:
 - [Data Collection Guideline](#)
- No tools are required.
- The following condition must apply:
 - The alarm is raised.

Steps

1. Was the alarm raised during initial installation or upgrade?
Yes: Contact the deployment organization. Proceed with Step 5.
No: Continue with the next step.
2. Perform a health check, refer to Health Check documentation available in the library.
3. Perform data collection, refer to [Data Collection Guideline](#).
4. Consult the next level of maintenance support. Further actions are outside the scope of this instruction.
5. Job is completed.