

# COM SA, AMF Component Instantiation Failed

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## OPERATING INSTRUCTIONS

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COM SA, AMF Component Instantiation Failed



# 1 Introduction

This instruction concerns alarm handling.

## 1.1 Alarm Description

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

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.

The possible alarm causes and fault locations are explained in Table 1.

*Table 1 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.

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

The alarm attributes are listed and explained in Table 2.



Table 2 Alarm Attributes

Attribute Name	Attribute Value
Major Type	18568
Minor Type	131074
Source	safApp=<*>, safSg=<*>, safSu=<*>, safComp=<*>
Specific Problem	COM SA, AMF Component Instantiation Failed
Event Type	processingErrorAlarm (4)
Probable Cause	x736UnspecifiedReason (418)
Additional Text	Instantiation of Component <LDAP DN of component> failed
Perceived Severity	major (4)

## 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 document:

- *Data Collection Guideline*

### 1.2.2 Tools

No tools are required.

### 1.2.3 Conditions

Before starting this procedure, ensure that the following condition is met:

- A COM SA, AMF Component Instantiation Failed alarm is raised.

## 2 Procedure

Do the following:



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.