

vDicos, Diameter Own Node Disabled

OPERATING INSTRUCTIONS

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vDicos, Diameter Own Node Disabled



1 Introduction

This instruction concerns alarm handling.

1.1 Alarm Description

The alarm is raised when a Diameter own node has been disabled, either administratively or by the system due to fault.

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

Table 1 Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
Diameter own node disabled	The Diameter own node has been disabled	Diameter own node disabled	Not applicable	No service provided by the own node

The alarm attributes are listed and explained in Table 2.

Table 2 Alarm Attributes

Attribute Name	Attribute Value
Major Type	193
Minor Type	2250572779
Managed Object Class	<i>DIA-CFG-OwnNodeConfig</i>
Managed Object Instance	ManagedElement=<node_name>, <ManagedFunction>=<FunctionId>, DIA-CFG-Application=DIA, DIA-CFG-StackContainer=<stackId>, DIA-CFG-OwnNodeConfig=<stackId>
Specific Problem	vDicos, Diameter Own Node Disabled
Event Type	communicationsAlarm (2)
Probable Cause	m3100Unavailable (14)
Additional Text	Detailed Information: Own Node disabled by OAM, IRP Cause: 14
Perceived Severity	minor (5)

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 conditions are met:

- A vDicos, Diameter Own Node Disabled alarm is raised.
- System authorization and authentication have passed successfully.
- Diameter configuration data is correctly defined.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



2 Procedure

Do the following:

1. Navigate to the *DIA-CFG-OwnNodeConfig* managed object, for example:

```
>dn ManagedElement=NODE06ST,XYZFunction=xyz,DIA-CFG-App  
lication=DIA,DIA-CFG-StackContainer=abc,DIA-CFG-OwnNode  
Config=abc
```

2. Enter Config mode:

```
(DIA-CFG-OwnNodeConfig=abc) >configure
```

3. Enable the Diameter own node:

```
(config-DIA-CFG-OwnNodeConfig=abc) >enabled=true
```

4. Commit the setting:

```
(config-DIA-CFG-OwnNodeConfig=abc) >commit
```

5. Verify the setting:

```
(DIA-CFG-OwnNodeConfig=abc) >show enabled
```

The following is an example output:

```
enabled=true
```

6. Is the alarm cleared?

Yes: Proceed with Step 9.

No: Continue with the next step.

7. Perform data collection, refer to *Data Collection Guideline*.
8. Consult the next level of maintenance support. Further actions are outside the scope of this instruction.
9. Job is completed.