

# vDicos, Diameter Own Node Disabled

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## 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 because of a 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	Own node configuration	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.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



## 2 Procedure

Do the following:

1. Contact the network or node administrator. Is the node administratively disabled for maintenance reasons?

Yes: Proceed with Step 10.

No: Continue with the next step.

2. 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-OwnNod  
eConfig=abc
```

3. Check the Diameter Own Node status:

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

The following is an example output:

```
enabled=false
```

4. Is the Diameter Own Node enabled?

Yes: Proceed with Step 7.

No: Continue with the next step.

5. Enable the Diameter Own Node:

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

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

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

6. Verify the setting:

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

The following is an example output:

```
enabled=true
```

7. Is the alarm cleared?

Yes: Proceed with Step 10.



No: Continue with the next step.

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