

vDicos, Diameter Peer Node Disabled

OPERATING INSTRUCTIONS

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vDicos, Diameter Peer Node Disabled



1 Introduction

This instruction concerns alarm handling.

1.1 Alarm Description

The alarm is raised when a Diameter peer 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 peer node disabled	The Diameter peer node has been disabled	Diameter peer node disabled	Peer node configuration	The communication with the peer node is lost

The alarm is cleared automatically when alarm *vDicos, Diameter Own Node Disabled* is raised. Alarms for peer nodes related to the own node are cleared and a new alarm is raised for 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	2250572780
Managed Object Class	<i>DIA-CFG-NeighbourNode</i>
Managed Object Instance	ManagedElement=<node_name>, <ManagedFunction>=<FunctionId>, DIA-CFG-Application=DIA, DIA-CFG-StackContainer=<stackId>, DIA-CFG-PeerNodeContainer=<stackId>, DIA-CFG-NeighbourNode=<hostId>#<stackId>
Specific Problem	vDicos, Diameter Peer Node Disabled
Event Type	communicationsAlarm (2)
Probable Cause	m3100Unavailable (14)
Additional Text	Detailed Information: Peer 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 documents:

- *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 Peer 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 8.

No: Continue with the next step.

2. Navigate to the *DIA-CFG-NeighbourNode* managed object, for example:

```
>dn ManagedElement=NODE06ST,XYZFunction=xyz,DIA-CFG-App  
lication=DIA,DIA-CFG-StackContainer=abc,DIA-CFG-PeerNo  
deContainer=abc,DIA-CFG-NeighbourNode=node12.ericsson  
n.com\23abc
```

3. Enable the Diameter peer node:

```
(DIA-CFG-NeighbourNode=node12.ericsson.com\23abc) >con  
figure
```

```
(config-DIA-CFG-NeighbourNode=node12.ericsson.com\23ab  
c) >enabled=true
```

```
(config-DIA-CFG-NeighbourNode=node12.ericsson.com\23  
abc) >commit
```

4. Verify the setting:

```
(DIA-CFG-NeighbourNode=node12.ericsson.com\23abc) >show  
enabled
```

```
enabled=true
```

5. Is the alarm cleared?

Yes: Proceed with Step 8.

No: Continue with the next step.

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