

vDicos, Diameter Peer Node Disabled

C-Diameter

OPERATING INSTRUCTIONS

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Contents

1	Alarm Description	1
2	Procedure	1
2.1	Handle Alarm vDicos, Diameter Peer Node Disabled	1



vDicos, Diameter Peer Node Disabled



1 Alarm Description

The alarm is raised when a Diameter peer node has been disabled.

Table 1 vDicos, Diameter Peer Node Disabled 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 if the operator enables the peer node listed by the alarm attributes.

The alarm is also 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.

2 Procedure

2.1 Handle Alarm vDicos, Diameter Peer Node Disabled

Prerequisites

- This instruction references the following documents:
 - C-Diameter Trouble Report and Support Case Writing Guideline
- No tools are required.
- The following conditions must apply:
 - The alarm is raised.
 - An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.
 - Diameter configuration data are correctly defined.

Steps

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-Application=DIA,DIA-CFG-StackContainer=abc,DIA-CFG-PeerNodeContainer=abc,DIA-CFG-NeighbourNode=node12.ericsson.com\23abc
```

Replace the key of the DIA MOs with the `stackId` and `nodeId` values of the alarm attributes.

3. Enable the Diameter peer node:

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

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

```
(config-DIA-CFG-NeighbourNode=node12.ericsson.com\23abc)>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 [C-Diameter Trouble Report and Support Case Writing Guideline](#).
7. Consult the next level of maintenance support. Further actions are outside the scope of this instruction.
8. Job is completed.