

vDicos, Diameter Own Node Disabled C-Diameter

OPERATING INSTRUCTIONS

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vDicos, Diameter Own Node Disabled



1 Alarm Description

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

Table 1 vDicos, Diameter Own Node Disabled Alarm Causes

Alarm Cause	Description	Fault Reason	Fault Location	Impact
Diameter own node disabled by O&M	The Diameter own node has been disabled by O&M	Diameter own node disabled	Own node configuration	No service provided by the own node
Diameter own node disabled by Application	The Diameter own node has been disabled by Application		Diameter Application	

The alarm is cleared if the operator enables the own node listed by the alarm attributes.

2 Procedure

2.1 Handle Alarm vDicos, Diameter Own Node Disabled

Prerequisites

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

Steps



1. Is the "Detailed Information" field of the Alarm equal to "Own Node disabled by Application"?

Yes: No further action is required. Own Node deactivation is under Diameter Application's control. Proceed with Step 11.

No: Continue with the next step.

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

Yes: Proceed with Step 11.

No: Continue with the next step.

3. Navigate to the `DIA-CFG-OwnNodeConfig` managed object, for example:

```
>dn ManagedElement=NODE06ST,XYZFunction=xyz,DIA-CFG-Application=DIA,DIA-CFG-StackContainer=abc,DIA-CFG-OwnNodeConfig=abc
```

Replace the key of the DIA MOs with the stackId of the alarm attributes.

4. Check the Diameter Own Node status:

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

The following is an example output:

```
enabled=false
```

5. Is the Diameter Own Node enabled?

Yes: Proceed with Step 8.

No: Continue with the next step.

6. Enable the Diameter Own Node:

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

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

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

7. Verify the setting:

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

The following is an example output:

```
enabled=true
```

8. Is the alarm cleared?



Yes: Proceed with Step 11.

No: Continue with the next step.

9. Perform data collection, refer to C-Diameter Trouble Report and Support Case Writing Guideline.
10. Consult the next level of maintenance support. Further actions are outside the scope of this instruction.
11. Job is completed.