

DBS, NR, Configuration Invalid

OPERATING INSTRUCTIONS

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Contents

| | | |
|----------|--|----------|
| 1 | Alarm Description | 1 |
| 2 | Procedure | 2 |
| 2.1 | Handle Alarm DBS, NR, Configuration Invalid | 2 |
| 2.2 | Handle Both Clusters Are Configured as Preferred | 2 |
| 2.3 | Handle Peer Cluster's Configured Cluster ID and Used Cluster ID Do Not Match | 2 |



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1 Alarm Description

The alarm is raised when the Geographical Network Redundancy (GeoRed) configuration is invalid.

Table 1 DBS, NR, Configuration Invalid Alarm Causes

| Alarm Cause | Description | Fault Reason | Fault Location | Impact |
|------------------------------|---|--|----------------------------------|---|
| Two preferred clusters | Both clusters are configured as preferred. | Both clusters are configured to be the preferred cluster, which is invalid. | Network Redundancy Configuration | Data is not synchronized with the peer cluster. |
| Mismatching peer cluster IDs | The configured cluster ID and used cluster ID of the peer cluster do not match. | The cluster ID used by the peer cluster when communicating does not match with the peer cluster ID in the configuration. | | |

Table 2 Alarm Attributes

| Attribute Name | Attribute Value/Interpretation |
|------------------------|---|
| Major Type | 193 |
| Minor Type | 918533 |
| MO Class | DbService |
| Specific Problem | DBS, NR, Configuration Invalid |
| Event Type | QUALITYOFSERVICEALARM |
| Probable Cause | frequencyHoppingFailure (74) |
| Perceived Severity | MAJOR |
| Additional Information | Both clusters are configured as preferred, Peer cluster's configured cluster id and used cluster id do not match |



2 Procedure

2.1 Handle Alarm DBS, NR, Configuration Invalid

Prerequisites

- No documents are required.
- No tools are required.
- Before starting this procedure, ensure that the following condition is met:
 - The alarm is raised.

Steps

1. Check the `additionalInfo` attribute of the alarm.
2. Select action according to the attribute text:
 - If `Both clusters are configured as preferred`, proceed with Section 2.2 on page 2.
 - If `Peer cluster's configured cluster id and used cluster id do not match`, proceed with Section 2.3 on page 2.

2.2 Handle Both Clusters Are Configured as Preferred

Steps

1. Decide which cluster is to remain preferred; choose only one.
2. Change the `preferredCluster` attribute of the `NetsharedConfig` class to `false` in the other clusters.
3. Is the alarm cleared?

Yes: Job is completed.

No: Consult the next level of maintenance support. Further actions are outside the scope of this Operating Instruction.

2.3 Handle Peer Cluster's Configured Cluster ID and Used Cluster ID Do Not Match

Steps



1. Make sure that the `dbNetsharedPeerClusterId` attribute matches the cluster ID set in the peer cluster (`DbNetsharedClusterId`) at installation time.

Query the attributes with the following commands:

— `immlist dbNetsharedPeerClusterId=1,dbNetsharedConfigId=1`

— `immlist dbCfgAttr=DbNetsharedClusterId,dbs=vDicosDBSvSite`

Note: If the `DbNetsharedClusterId` attribute is not defined, the default setting of 0 applies.

2. Is the alarm cleared?

Yes: Job is completed.

No: Consult the next level of maintenance support. Further actions are outside the scope of this Operating Instruction.