

DBS, NR, Out of Sync

OPERATIONAL INSTRUCTIONS

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DBS, NR, Out of Sync



1 Alarm Description

The alarm is raised when the data in the redundant clusters are out of sync.

Table 1 DBS, NR, Out of Sync

| Alarm Cause | Description | Fault Reason | Fault Location | Impact |
|-------------------------|---|--------------|----------------|--|
| Initial synchronization | After the initial synchronization of a cluster, there are temporary differences between the data in the clusters. | N/A | N/A | Data is not fully synchronized with the peer cluster. Changes are synchronized with high latency. |
| Temporary overload | There is a temporary overload on the system. | | N/A | If the system is overloaded and remains overloaded, database synchronization becomes impossible, therefore it stops. |
| Dimensioning problems | The system has not been dimensioned properly. | | Dimensioning | |

Table 2 Alarm Attributes

| Attribute Name | Attribute Value/Interpretation |
|------------------------|---|
| Major Type | 193 |
| Minor Type | 918528 |
| MO Class | DbService |
| Specific Problem | DBS, NR, Out of Sync |
| Event Type | QUALITYOFSERVICEALARM |
| Probable Cause | frequencyHoppingFailure (74) |
| Perceived Severity | MAJOR |
| Additional Information | <ul style="list-style-type: none"> Serialized transaction expired Serialized and queued transaction expired Queued transaction expired |



2 Procedure

2.1 DBS, NR, Out of Sync

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. Did initial synchronization of one of the clusters end just recently?

Yes: Wait until the alarm is cleared automatically.

No: Continue with the next step.
2. Is one of the clusters overloaded?

Yes: Try to decrease load on the system, for example by re-routing traffic to other clusters or scaling out.

No: Continue with the next step.
3. Is the alarm cleared automatically?

Yes: Job is completed.

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