

DBS, NR, Out of Sync

OPERATIONAL INSTRUCTIONS

Copyright

© Ericsson AB 2016–2018. All rights reserved. No part of this document may be reproduced in any form without the written permission of the copyright owner.

Disclaimer

The contents of this document are subject to revision without notice due to continued progress in methodology, design and manufacturing. Ericsson shall have no liability for any error or damage of any kind resulting from the use of this document.

Trademark List

All trademarks are properties of their respective owners.



Contents

1	Alarm Description	1
2	Procedure	2
2.1	DBS, NR, Out of Sync	2



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	DbsService
Source	DbsvDirector
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.