

Return Active State to Preferred in Active-Standby Geographical Redundancy

Ericsson Service-Aware Policy Controller

Operating Instructions

Copyright

© Ericsson AB 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 mentioned herein are the property of their respective owners. These are shown in the document [Trademark Information](#).

Contents

1	Description	1
2	Procedure	2





1 Description

This instruction describes how to return the Preferred SAPC back to Active state in a Geographical redundancy scenario, typically after a takeover.

Prerequisites

This section provides information of the prerequisites which must be fulfilled before using the procedure.

The following conditions must apply:

- Understand geographical redundancy functionality.
- The SAPC is in Standby state.
- The SAPC is configured as Preferred cluster.
- There are no alarms raised in the SAPC.



2 Procedure

To return the Preferred SAPC back to Active state, do the following:

Steps

1. Connect to the Preferred Standby SAPC and open an Ericsson Command-Line Interface (CLI) session.
2. Navigate to class `GeoRedManager` object:

```
>dn ManagedElement=1,PolicyControlFunction=1,GeoRedManager=1
```

3. Execute giveback action:

```
(ManagedElement=1,PolicyControlFunction=1,GeoRedManager=1)>  
giveback
```

4. Verify the result of the action:

```
(ManagedElement=1,PolicyControlFunction=1,GeoRedManager=1)>  
show
```

Note: Since this is a long-running operation, it can be required to enter show command several times until the final operation result is shown in the progress report.

When the operation is successfully executed, it shows the following values:

```
lastOperationExecuted=GIVEBACK
```

```
lastOperationResult=ACTION_RESULT_OK
```

If an error occurs during the execution of the operation, it shows the following values:

```
lastOperationExecuted=GIVEBACK
```

```
lastOperationResult=ACTION_RESULT_NOT_OK
```

Attribute `lastOperationDetailedInfo` shows information about the error. It can take one of these values:

- Not possible to execute giveback action from Non-Preferred node
- Not possible to execute giveback action from <state> state

To check the status of the SAPC, verify that the attribute `currentState` is in Active state.