

Return Active State to Preferred in Active-Standby Geographical Redundancy

Ericsson Service-Aware Policy Controller

OPERATING INSTRUCTION

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1 Description

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

1.1 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:

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.