ERICSSON

Schedule Backups Based on Calendar Event

OPERATING INSTRUCTIONS

17/1543-CAA 901 2624/4 Uen A

Contents

1 Introduction

This document describes how to schedule a regularly occurring backup, that is, to create a backup using a calendar-based periodic event.

A calendar-based periodic event can be used as follows:

- To schedule an event that is effective as soon as the configuration is committed
- To schedule an event that is effective from a specified time in the future

The procedure in this document illustrates the latter case.

Note: When any of the following backup operations is in progress, a scheduled backup event that is triggered is postponed and retried at regular intervals later:

- Manual backup creation
- Scheduled backup creation
- Backup deletion
- Backup restore

1.1 Prerequisites

This section describes the prerequisites, which must be fulfilled before using the procedure.

1.1.1 Conditions

The following conditions must apply:

- The event name is known.
- The calendar-based periodic event values are known.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.

2 Procedure

To schedule a backup that is to occur regularly:

1. Navigate to the *BrmBackupScheduler* managed object, for example:

   ```
   >dn ManagedElement=NODE06ST,SystemFunctions=1,BrM=1,BrmBackupManager=SYSTEM_DATA,BrmBackupScheduler=SYSTEM_DATA
   ```

2. Enter Config mode:

   ```
   (BrmBackupScheduler=SYSTEM_DATA)>configure
   ```

3. Enter the event name, for example:

   ```
   (config-BrmBackupScheduler=SYSTEM_DATA)>BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314
   ```

4. Create the calendar-based periodic event by setting the relevant attributes, for example:

   - ```
     (config-BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314)>dayOfWeek=SUNDAY
     ```

     `dayOfWeek` defines what day of the week the event is triggered once effective, in this case Sunday.

   - ```
     (config-BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314)>dayOfWeekOccurrence=FIRST
     ```

     `dayOfWeekOccurence` further specifies the value entered for `dayOfWeek`. In this case, the event is to be triggered only the first Sunday of the month once effective.

   - ```
     (config-BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314)>startTime=2014-06-31T23:59:59
     ```

     `startTime` defines the time in the future when the event becomes effective.

   - ```
     (config-BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314)>time=03:00:00
     ```

     `time` defines the time when the event is triggered once it becomes effective.

5. Commit the calendar-based periodic event:

```
(config-BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_
314)>commit
```

6. Verify that the calendar-based periodic event was created:

   ```
   (BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314)>s
   how
   ```

   The following is an example output of a calendar-based periodic event where backups are created every first Sunday of the month at 03:00 from 2014-06-31, 23:59:59 until the end of the century.

   ```
   BrmCalendarBasedPeriodicEvent=C_EVENT_20140428_314
      dayOfWeek=SUNDAY
      dayOfWeekOccurrence=FIRST
      startTime=2014-06-31T23:59:59
      time=03:00:00
   ```