

Schedule Backups Based on Calendar Event

OPERATING INSTRUCTIONS

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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=<Node Name>,SystemFunctions=1,BrM=1,BrmBackupManager=USER_DATA,BrmBackupScheduler=USER_DATA
```

2. Enter Config mode:

```
(BrmBackupScheduler=USER_DATA) >configure
```

3. Enter the event name, for example:

```
(config-BrmBackupScheduler=USER_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**

dayOfWeekOccurrence 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) >show
```

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
```