

Schedule Backups Based on Calendar Event

OPERATING INSTRUCTIONS

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1 Description

This instruction describes how to schedule a regularly occurring backup, which is to create a backup as 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 instruction 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

2 Procedure

2.1 Schedule Backups Based on Calendar Event

Prerequisites

- No documents are required.
- No tools are required.
- The following condition 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.



Steps

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**

`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
```