

# Enable Encryption of Scheduled Backup Contents

## OPERATING INSTRUCTIONS

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Enable Encryption of Scheduled Backup Contents



# 1 Description

This instruction describes how to enable encryption of scheduled backup contents.

The encryption of scheduled backup contents is set via `enableEncryption` attribute of `BrmBackupScheduler`. In addition to this, other attributes of `BrmBackupScheduler` must be configured correctly for encryption of scheduled backup contents to be successful.

The default value of attribute `enableEncryption` is `false`.

## 2 Procedure

### 2.1 Enable Encryption of Scheduled Backup Contents

#### Prerequisites

- No documents are required.
- No tools are required.
- The following conditions must apply:
  - The backup type is 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. Enable encryption on future scheduled backups:  

```
(config-BrmBackupScheduler=SYSTEM_DATA)>enableEncryption=true
```
4. Set the encryption method of scheduled backups to password:



```
(config-BrmBackupScheduler=SYSTEM_DATA)>encryptionMethod=PASSWORD
```

5. Provide the password used to encrypt data inside scheduled backups, for example:

```
(config-BrmBackupScheduler=SYSTEM_DATA)>backupPassword="a8763kS8" cleartext
```

6. Provide the user label for encrypted scheduled backups:

```
(config-BrmBackupScheduler=SYSTEM_DATA)>userLabel="Daily scheduled backups encrypted with a password"
```

7. Commit the change:

```
(config-BrmBackupScheduler=SYSTEM_DATA)>commit
```

8. Verify the change:

```
(BrmBackupScheduler=SYSTEM_DATA)>show
```

The following is an example output:

```
BrmBackupScheduler=SYSTEM_DATA
[...]
BrmBackupScheduler=SYSTEM_DATA
  autoExportUri=""
  backupPassword="1:l4Y7DnArYsKJgYZ/sX8NLLdFxe90m9GX"
  encryption=true
  mostRecentlyCreatedAutoBackup="NOT_AVAILABLE"
  nextScheduledTime="2100-01-01T15:59:59"
  schedulerState=DISABLED
  userLabel="Daily scheduled backups encrypted with a password"
[...]
```