

Change Maximum Number of Manual Backups

OPERATING INSTRUCTIONS

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Contents

1	Introduction	1
1.1	Prerequisites	1
2	Procedure	3



Change Maximum Number of Manual Backups



1 Introduction

This document describes how to change the maximum number of manual system backups that can be stored in the Managed Element (ME).

This value is defined in attribute `maxStoredManualBackups`. When this value is already reached and `autoDelete=ENABLED`, the oldest stored manual system backup is deleted before a new manual system backup can be created. When this value is already reached and `autoDelete=DISABLED`, the creation of the next manual system backup results in failure and requires manual deletion to correct the problem.

Changing the value of `maxStoredManualBackups` can have different impacts on the ME. This is summarized in Table 1.

Table 1 Impact when Setting `maxStoredManualBackups` to New Value

Value of <code>autoDelete</code>	<code>maxStoredManualBackups</code> < “Existing Number of Stored Manual Backups”	<code>maxStoredManualBackups</code> = “Existing Number of Stored Manual Backups”	<code>maxStoredManualBackups</code> > “Existing Number of Stored Manual Backups”
ENABLED	Immediate deletion of one or more stored manual system backups to match the maximum number	No backup deletion until a new backup is created	No immediate impact, for example, no backup deletion
DISABLED	Operation failure (not possible)	The next manual system backup fails	No immediate impact, for example, it is possible to trigger a new manual system backup

Note: Attribute `autoDelete` must be set to `ENABLED` for automatic deletion to occur, refer to [Enable Automatic Deletion of Manual Backups](#).

Default value of attribute `maxStoredManualBackups` is 100. The recommended value is 5. Avoid the minimum value 1 since it can result in losing all system manual backups stored in the ME.

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 existing value of `maxStoredManualBackups` has been checked.
- The new value of `maxStoredManualBackups` is known.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



2 Procedure

To change the maximum number of manual backups:

1. Navigate to the `BrmBackupHousekeeping` managed object, for example:

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

2. Enter Config mode:

```
(BrmBackupHousekeeping=SYSTEM_DATA)>configure
```

3. Show the value of attribute `maxStoredManualBackups`:

```
(BrmBackupHousekeeping=SYSTEM_DATA)>show -v
```

The following is an example output:

```
BrmBackupHousekeeping=SYSTEM_DATA
  maxStoredManualBackups=3
```

4. Change the value of attribute `maxStoredManualBackups`, for example:

```
(config-BrmBackupHousekeeping=SYSTEM_DATA)>maxStoredManualBackups=5
```



Attention!

Risk of data loss or data corruption.

Depending on the chosen value, the number of stored manual system backups, and the value of `autoDelete`, commit of this change can result in immediate deletion of stored manual system backups, or failure of the next system manual backup.

Note: The value of the `maxStoredManualBackups` attribute cannot be cleared by the `no maxStoredManualBackups` ECLI command

5. Commit the change:

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

6. Verify the change:

```
(BrmBackupHousekeeping=SYSTEM_DATA)>show
```



The following is an example output:

```
BrmBackupHousekeeping=SYSTEM_DATA  
maxStoredManualBackups=5
```