

Change Maximum Number of Manual Backups

OPERATING INSTRUCTIONS

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1 Description

This instruction 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.





2 Procedure

2.1 Change Maximum Number of Manual Backups

Prerequisites

- No documents are required.
- No tools are required.
- 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.

Steps

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
```