

# Cancel Upgrade Operation

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## OPERATING INSTRUCTIONS

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# Contents

<b>1</b>	<b>Introduction</b>	<b>1</b>
1.1	Prerequisites	1
<b>2</b>	<b>Procedure</b>	<b>3</b>



Cancel Upgrade Operation



# 1 Introduction

This document describes how to cancel an upgrade operation.

The user can perform different types of cancel operations, described in Table 1.

*Table 1 Types of Cancel Operation*

Cancel Operation	Initial UpgradePackage MO State	Result of Cancel Operation
Cancel an ongoing prepare action	PREPARE_IN_PROGRESS	Back to state INITIALIZED, which is the state after the initial creation of the <i>UpgradePackage</i> Managed Object (MO).
Cancel an ongoing activation step	ACTIVATION_IN_PROGRESS	A fallback operation is triggered.  The state is successively going from DEACTIVATION_IN_PROGRESS to PREPARE_COMPLETED.
Cancel a completed intermediary activation step in a step-by-step activation	ACTIVATION_STEP_COMPLETED	
Cancel the final and completed activation step	WAITING_FOR_COMMIT	

An ongoing operation is canceled when it has been started by mistake, at the wrong time, or takes too long time.

A completed activation step is canceled when the user observation and assessment of the Managed Element (ME) health check status is not according to expectations.

The procedure in this document focuses on an example where the user cancels the final and completed activation step in a one-step activation situation.

In this example, a software version with product name `ERIC-COREMW_RUNTIME`, product number `CXP9020355_1`, and product revision `R7E01` is running in the system. A software upgrade package `ERIC_UP-CXP9020355_1-R7F01`, which is designed to upgrade this software version to product revision `R7F01`, has already been prepared and is going through the activation phase.

## 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 upgrade package is prepared.
- The fallback capability is supported by the ME, that is, attribute `timeoutFallbackCapability=SUPPORTED` in the *SwM* MO.
- The system is in state `PREPARE_IN_PROGRESS`, `ACTIVATION_IN_PROGRESS`, `ACTIVATION_STEP_COMPLETED`, or `WAITING_FOR_COMMIT`.

In this document, the *UpgradePackage* MO state is `WAITING_FOR_COMMIT` after execution of Steps 1 through 8 in Operating Instructions *Upgrade Using One-Step Activation*.

- The ME has not successfully passed the health check routine after the software activation.
- An Ericsson Command-Line Interface (ECLI) session in Exec mode is in progress.



## 2 Procedure

To cancel an upgrade operation:

1. Cancel the upgrade operation:

```
(UpgradePackage=UpgradePackage=ERIC_UP-CXP9020355_1-R7F01) >cancel
```

The system returns output `true` or `false`.



### Attention!

Risk of system malfunction or traffic disturbance.

The **cancel** action automatically triggers a fallback to the earlier software version. This can imply some system outage because of reboot and reload.

2. Verify the result:

```
(UpgradePackage=UpgradePackage=ERIC_UP-CXP9020355_1-R7F01) >show -v
```

The following example output shows the final result. If `state=CANCELLING`, the operation is not yet completed. For a cancel operation, `result=FAILURE` because it refers to the initially started operation, which was an activation.

```
[...]
reportProgress <read-only>
  actionId=1 <read-only>
  actionName="Activate" <read-only>
[...]
progressPercentage=100 <read-only>
result=FAILURE <read-only>
resultInfo="Rollback of campaign done" <read-only>
state=CANCELLED <read-only>
step=0 <read-only>
stepProgressPercentage=100 <read-only>
[...]
```

3. Navigate to the *SwM* MO:

```
(UpgradePackage=ERIC_UP-CXP9020355_1-R7F01) >up
```

4. Verify that the active software version still is R7E01.

```
(SwM=1) >show -v
```



The following example output shows that R7E01 is the active software version

```
SwM=1
  activeSwVersion
    "ManagedElement=1, SystemFunctions=1, SwM=1, ⇒
SwVersionMain=ERIC-COREMW_RUNTIME-CXP9020355_1-R7E01" <read-only>
[...]
```

```
  reportProgress <read-only>
[...]
```

```
  SwVersionMain=ERIC-COREMW_RUNTIME-CXP9020355_1-R7E01
```

```
[...]
```