



## **upgrademgr events**

ONTAP EMS reference

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# upgrademgr events

## upgrademgr.bm events

### upgrademgr.bm.update.started

#### Severity

NOTICE

#### Description

This message occurs when the upgrade manager starts to update boot media of the node with the target ONTAP image. If a later version of BIOS or LOADER is installed on the boot media compared to what is available in the target ONTAP image, the upgrade manager will not copy BIOS and LOADER firmware from the target ONTAP image to the boot media.

#### Corrective Action

(None).

#### Syslog Message

Starting update of target ONTAP image to the boot media. Target ONTAP BIOS/LOADER version: %s/%s, boot media BIOS/LOADER version: %s/%s, forced update from bundle: %s, overwrite boot media: %s"

#### Parameters

**target\_ontap\_bios\_version** (STRING): BIOS version in the target ONTAP image.

**target\_ontap\_loader\_version** (STRING): LOADER version in the target ONTAP image.

**bootmedia\_bios\_version** (STRING): BIOS version on the boot media.

**bootmedia\_loader\_version** (STRING): LOADER version on the boot media.

**force\_update\_from\_bundle** (STRING): Force update of BIOS and LOADER firmware using the versions bundled in the target ONTAP image. Values are "yes" or "no".

**overwrite\_bootmedia** (STRING): Based on the version check of BIOS and LOADER on the boot media and target ONTAP image and force\_update\_from\_bundle parameter, boot media is overwritten using the versions bundled in the image. Values are "yes" or "no".

## upgrademgr.cmd events

### upgrademgr.cmd.invoke.done

#### Severity

NOTICE

#### Description

This message occurs when the execution of the commands listed in the support file has completed.

#### Corrective Action

(None).

#### Syslog Message

The commands are invoked from the support file: %s

## Parameters

**command** (STRING): Commands that are invoked from the support file when the automated nondisruptive upgrade (ANDU) has completed.

## upgrademgr.cmd.invoke.start

### Severity

NOTICE

### Description

This message occurs when the support file is invoked by an automated nondisruptive upgrade (ANDU).

### Corrective Action

(None).

### Syslog Message

The commands are invoked from the support file: %s

## Parameters

**command** (STRING): Commands that are invoked from the support file when the ANDU has started.

## upgrademgr.fw events

### upgrademgr.fw.monitor.end

#### Severity

NOTICE

#### Description

This message occurs when an automated nondisruptive upgrade (ANDU) completes the firmware update monitoring job.

#### Corrective Action

(None).

#### Syslog Message

ANDU firmware update monitoring job completed. Status: %s.

#### Parameters

**status** (STRING): Status of overall firmware monitoring job.

### upgrademgr.fw.monitor.start

#### Severity

NOTICE

#### Description

This message occurs when an automated nondisruptive upgrade (ANDU) starts a firmware update monitoring job.

### **Corrective Action**

(None).

### **Syslog Message**

ANDU firmware update monitoring job started.

### **Parameters**

(None).

## **upgrademgr.fw.unsupported**

### **Severity**

NOTICE

### **Description**

This message occurs when an automated nondisruptive upgrade (ANDU) runs on a platform that does not have SP/BMC API support.

### **Corrective Action**

(None).

### **Syslog Message**

ANDU firmware update monitoring job skipped because "%s"

### **Parameters**

**reason** (STRING): ANDU firmware monitoring is not supported on this platform.

## **upgrademgr.fw.update.fail**

### **Severity**

ERROR

### **Description**

This message occurs when an automatic non-disruptive upgrade (ANDU) operation is paused due to a firmware update failure. The issue has to be resolved before the ANDU operation can continue.

### **Corrective Action**

Contact NetApp technical support.

### **Syslog Message**

ANDU firmware update failed for firmware component: %s. Status: %s.

### **Parameters**

**firmware\_name** (STRING): Firmware component whose update has failed.

**status** (STRING): Category of failure for the firmware component whose update has failed.

## **upgrademgr.lifmigrate events**

## upgrademgr.LIFmigrate.end

### Severity

NOTICE

### Description

This message occurs when an ONTAP automated nondisruptive upgrade (ANDU) of ONTAP finishes the data LIF migration or failover stage.

### Corrective Action

(None).

### Syslog Message

ANDU in "%s" mode finishes the LIF migration. Result: %s.

### Parameters

**mode** (STRING): ONTAP ANDU is selecting nodes based on the "batch" or "rolling" upgrade mode.

**result** (STRING): Result of the LIF migrations - "Success" or "Failure".

## upgrademgr.LIFmigrate.sfo

### Severity

NOTICE

### Description

This message occurs during an ONTAP automated nondisruptive upgrade (ANDU) of ONTAP in batch mode when a LIF migrated to the storage failover (SFO) partner rather than a destination node in another batch. This migration occurs because the selected destination node does not have network ports in the required broadcast domains.

### Corrective Action

(None).

### Syslog Message

LIF "%s" from node "%s" is migrated to SFO partner node "%s".

### Parameters

**lif\_name** (STRING): LIF being migrated.

**source\_node** (STRING): Starting node of the LIF being migrated.

**target\_node** (STRING): Target node of the LIF being migrated.

## upgrademgr.LIFmigrate.start

### Severity

NOTICE

### Description

This message occurs when an ONTAP automated nondisruptive upgrade (ANDU) of ONTAP starts the data LIF migration or failover stage.

## Corrective Action

(None).

## Syslog Message

ANDU in "%s" mode starts data LIF migrations.

## Parameters

**mode** (STRING): ONTAP ANDU selects nodes to migrate or failover data LIFs based on the "batch" or "rolling" upgrade mode.

# upgrademgr.node events

## upgrademgr.node.slowboot

### Severity

NOTICE

### Description

This message occurs when a cluster node takes more than 30 minutes to reach giveback ready state during automated nondisruptive upgrade.

### Corrective Action

(None).

### Syslog Message

Slow boot observed for node "%s" (duration: %d minutes).

### Parameters

**node** (STRING): Name of node for which slow boot is observed.

**duration** (INT): Duration in minutes taken by the node to reach giveback ready state.

## upgrademgr.node.slowWFG

### Severity

NOTICE

### Description

This message occurs when a cluster node has not reached "waiting for giveback" state within 30 minutes after a takeover during automated nondisruptive upgrade (ANDU).

### Corrective Action

(None).

### Syslog Message

Node "%s" is taking a long time to boot (elapsed time: %d minutes).

### Parameters

**node** (STRING): Name of the node for which a slow boot operation is observed.

**duration** (INT): Duration in minutes waiting for the node to reach "waiting for giveback" state.

## upgrademgr.node.updateDone

### Severity

INFORMATIONAL

### Description

This message occurs when an update of node is completed successfully.

### Corrective Action

(None).

### Syslog Message

(None).

### Parameters

**node** (STRING): Node that successfully completed the update.

## upgrademgr.package events

### upgrademgr.package.imported

### Severity

INFORMATIONAL

### Description

This message occurs when a Data ONTAP® package is successfully imported into the cluster and processed by the upgrade manager's package handler.

### Corrective Action

(None).

### Syslog Message

A Data ONTAP package "%s" with version "%s" was successfully imported into the package repository.

### Parameters

**package** (STRING): Name of the imported package.

**version** (STRING): Version of the imported package.

## upgrademgr.two events

### upgrademgr.two.stage.started

### Severity

NOTICE

### Description

This message occurs when a two-stage version update starts on the cluster where the target release is two versions later than the current version. The cluster is upgraded to intermediate version first, and then upgraded to the target version.

**Corrective Action**

(None).

**Syslog Message**

Started two-stage Data ONTAP upgrade to target version "%s". Intermediate version: "%s".

**Parameters**

**targetversion** (STRING): Target Data ONTAP release version.

**intermediateversion** (STRING): Intermediate Data ONTAP release version.

## upgrademgr.upc events

### upgrademgr.upc.skip

**Severity**

NOTICE

**Description**

This message appears when the update preparedness job skips all update preparedness checks because an automated nondisruptive upgrade (ANDU) is currently in progress.

**Corrective Action**

(None).

**Syslog Message**

Skipping this upgrade preparedness check job execution cycle because a cluster upgrade is currently in progress.

**Parameters**

(None).

## upgrademgr.update events

### upgrademgr.update.cancelled

**Severity**

INFORMATIONAL

**Description**

This message occurs when the automated update of the cluster is canceled by the operator.

**Corrective Action**

(None).

**Syslog Message**

The automated update of the cluster has been canceled by the operator.

**Parameters**

(None).

## **upgrademgr.update.completed**

### **Severity**

INFORMATIONAL

### **Description**

This message occurs when the automated update of the cluster is complete.

### **Corrective Action**

(None).

### **Syslog Message**

The automated update of the cluster is complete.

### **Parameters**

(None).

## **upgrademgr.update.pausedErr**

### **Severity**

ERROR

### **Description**

This message occurs when the automated update of the cluster is paused as a result of an error.

### **Corrective Action**

Correct the cause of the error and then resume the update to continue the automated update of the cluster.

### **Syslog Message**

The automated update of the cluster has been paused due to the following reason: %s

### **Parameters**

**pausedSummary** (STRING): Summary of the event causing the paused update.

## **upgrademgr.update.pausedUser**

### **Severity**

INFORMATIONAL

### **Description**

This message occurs when the automated update of the cluster is paused as a result of an operator request.

### **Corrective Action**

Issue the "cluster image resume-update" command to continue the automated update of the cluster.

### **Syslog Message**

The automated update of the cluster has been paused due to a request by the operator.

### **Parameters**

(None).

## upgrademgr.update.resumed

### Severity

INFORMATIONAL

### Description

This message occurs when the automated update of the cluster is resumed from the paused state.

### Corrective Action

(None).

### Syslog Message

The automated update of the cluster has been resumed by the operator.

### Parameters

(None).

## upgrademgr.update.started

### Severity

NOTICE

### Description

This message occurs when the upgrade manager begins an automated update of the cluster. By default, nodes that are already upgraded to the target version are skipped, except for MetroCluster configurations.

### Corrective Action

(None).

### Syslog Message

An automated update of the cluster has been started on nodes:%s. Skipped nodes:%s.

### Parameters

**nodestoUpgrade** (STRING): Nodes that will be upgraded

**nodesSkipped** (STRING): Nodes that will be skipped, or "none" if all nodes need an upgrade, or "disabled - MetroCluster" if the cluster is a MetroCluster configuration, or "disabled" if the "-skip-nodes-at-target-version" parameter is set to false.

## upgrademgr.update.timedOut

### Severity

NOTICE

### Description

This message occurs when the automated update of the cluster has not progressed for the last 5 hours.

### Corrective Action

(None).

### Syslog Message

The automated update of the cluster has not progressed for the last 5 hours. Reason: %s

## Parameters

**timeoutSummary** (STRING): Summary of the event causing the update timeout.

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