Fixing ONTAP issues directly from Unified Manager

Active IQ Unified Manager

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Fixing ONTAP issues directly from Unified Manager

Starting with Unified Manager 9.7, you can fix certain ONTAP issues directly from the Unified Manager user interface instead of having to use ONTAP System Manager or the ONTAP CLI.

A new capability called “Management Actions” provides fixes to a number of ONTAP issues that have triggered Unified Manager events. Management Actions are available from the Dashboard, from the Event details page, and from the Workload Analysis selection on the left-navigation menu.

There are certain issues that Unified Manager can diagnose thoroughly and provide a single resolution. When available, those resolutions are displayed in Management Actions with a **Fix It** button. Click the **Fix It** button to fix the issue.

Unified Manager sends ONTAP commands to the cluster to make the requested fix. When the fix is complete the event is obsoleted.

What options do I have when I see the Fix It button

The **Fix It** button enables you to fix an issue that Unified Manager has been notified about through an event.

We recommend that you click the **Fix It** button to fix the issue when it is available. However, if you are not sure that you want to resolve the issue as recommended by Unified Manager, you can perform the following actions:

What do you want to do?	Action
Have Unified Manager fix the issue.	Click the **Fix It** button.
Do not fix the issue at this time and hide this management action.	Click the down arrow and click **Dismiss**.
Display the details for this event so you can better understand the issue.	Click the down arrow and click **View Event Details** to display the Event details page.
Display the details for this storage object so you can better understand the issue.	Click the name of the storage object to display details in either the Performance Explorer or Health Details page.

Prior to clicking the **Fix It** button you should make a note of the object name (for example, “cluster fas8040-206” or “volume phil_DB”) so that you can check the list of events later to verify that the corresponding event is in the Obsolete state - meaning that the fix was successful.

In some cases the fix is reflected in the next 15 minute configuration poll. In other cases it can take up to 24 hours for the configuration change to be verified and for the event to be obsoleted.

What ONTAP issues can Unified Manager fix

This table describes the ONTAP issues that Unified Manager can resolve directly from the Unified Manager user interface by clicking the **Fix It** button.

Event Name and Description	Management Action	“Fix It” Operation
Volume Space Full Indicates that the volume is almost out of space and it has breached the capacity full threshold. This threshold is set by default to 90% of the volume size.	Enable volume autogrow	Unified Manager determines that volume autogrow is not configured for this volume, so it enables this feature so the volume will grow or shrink in size in response to the amount of used space.
Option Cf.takeover.on_panic is Configured OFF The nodeshell option “cf.takeover.on_panic” is set to **off**, which could cause an issue on HA-configured systems.	Enable takeover on panic	Unified Manager sends the appropriate command to the cluster to change this setting to **on**.
Disable nodeshell option snapmirror.enable The old nodeshell option “snapmirror.enable” is set to **on**, which could cause an issue during boot after upgrading to ONTAP 9.3 or greater.	Set snapmirror.enable option to off	Unified Manager sends the appropriate command to the cluster to change this setting to **off**.
Telnet enabled Indicates a potential security issue because Telnet is insecure and passes data in an unencrypted manner.	Disable Telnet	Unified Manager sends the following command to the cluster to disable Telnet: `security protocol modify -application telnet -enabled false`

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