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Main Dashboard

The Main Dashboard window graphically depicts the RAID health and its unused drives.

The dashboard offers right-click context menus that allows you to perform various drive operations and to view Performance MB/s, IOPS and Latency monitors and an array wear indicator.

RAID Health

[Figure 2-1](#) and [Figure 2-2](#) provide legends for the colors of the RAID and Drive Status:

RAID Color	Meaning
Green	Good
Red	Bad
Orange	Degraded
Yellow	Recovering

352660

Figure 2-1 **RAID Status Legend**

Drive Color	Meaning
	Spare
	Good
	Bad
	Unused

352690

Figure 2-2 Drive Status Legend

Node Status

This area conveys whether or not the Cisco UCS Invicta C3124SA Appliance has Data Reduction.

Drive Wear Monitor

This speedometer provides a pictorial view of the drive's wear status. Drives should be replaced when the wear arrow is in the yellow area (0-20).

Drive Tasks

To perform drive tasks:

Step 1 Right-click a drive in the **Node Health Information** window.

The drive tasks right-click menu appears.

Step 2 Do any of the following:

- If you want to view drive information, choose **Info**.
The **Node Health Information** window displays specific drive information, including drive position, device model, serial number, firmware version and LU WWN Device ID.
- Choose **Fail** to fail a drive, if necessary.
 - If the RAID set is in a degraded mode, the Fail menu option is not available on any RAID. The verification for the fail drive appears. The failed drive will be in a “bad” state.
 - The ‘Remove’ right-click menu option provides a means to safely remove a bad drive to the unused tab.



Note

A spare cannot be failed. To remove a spare see, [Removing a Drive](#) .

- Choose **Enable** or **Disable Blink On** to enable or disable the Blink On feature.

A confirmation messages indicates the Blink On/Off status.

Removing a Drive

The 'Remove' right-click menu option provides a means to safely remove a drive without causing data corruption.

**Note**

While not encouraged, a drive other than a spare from a RAID set may be removed using the Fail menu option and the procedure described in [Drive Tasks](#)

To remove a drive, do the following:

Step 1 Right-click the drive.
The right-click menu appears.

Step 2 Choose **Remove**.
The drive is removed and placed in the Unused Tab. From the Unused Tab do any of the following:

- Get drive information
- Enable/Disable Blink On
- Assign drive to a RAID set

**Caution**

For drives pulled from the drive slot or failed using the 'Fail' menu, please contact Cisco technical support before reassigning the drive.

- Physically remove drive from the array, if necessary.



Performance MB/s, IOPS, Latency, and Utilization Monitors

**Note**

Cisco UCS Invicta C3124SA Appliance supports vStorage APIs for Array Integration (VAAI), which dramatically improves communication performance with VMware ESX servers.

The Performance tab provides a point-in-time rendering of MB/s, IOPS, and latency characteristics on a last-10-minutes, daily and weekly basis. The chart auto-refreshes every 10 seconds. Mouse over a performance grid to view detail.

To view performance information, do any of the following:

- To view daily performance, click the  icon in the top-right-hand corner of the performance graph.
- To view weekly performance, click the  icon in the top-right-hand corner of the performance graph.

This information auto refreshes every 10 seconds and displays a point-in-time view.

To view details of a particular time frame by clicking your mouse and drag it over a lower time-line interval, for example, 17:25 to 17:50.

Administration Guide

Click the menu item to link to a PDF of this document.

Installation Guide

Click the menu item to link to a PDF of this document.