



## Drive Diagnostics

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### Overview of Drive Diagnostics

Beginning from release 4.2(2a), Drive Diagnostics feature supports running diagnostics on HDD/SSD and SAS/SATA drive types. This feature allows you to determine the device health by obtaining information from the device to determine usage, Operability, etc.

Cisco UCS Manager does not support on demand diagnostics. This feature checks the drive status automatically and provides a view only status. In case the self test fails, Cisco UCS Manager also raises a major fault.

### Viewing the Status of the Drive Self-test

#### Procedure

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**Step 1** In the **Navigation** pane, click the **Equipment** tab.

**Step 2** Expand **Equipment > Rack Mounts > Servers > .**

**Note** For Cisco UCS C125 M5 Servers, expand **Equipment > Rack Mounts > Enclosures > Rack Enclosure rack\_enclosure\_number > Servers.**

**Step 3** Choose the server that you want to check the drive status.

**Step 4** In the **Work** pane, click the **Inventory > Storage > Disks** tabs.

The Storage Controller inventory appears.

**Step 5** Click the **Storage** sub-tab.

**Step 6** If the **Drive State** shows **Self Test Failed**, drive may become unusable resulting in loss of information. Cisco recommends to back up data and replace the drive.

Cisco UCS Manager raises a major fault to when drive goes into **Self Test Failed** state. In **Self Test Failed** state, normal functions continue to work.

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