

# Release Notes for Cisco UCS Server Diagnostic Utilities, Release 7.1

First Published: 2024-06-19

## Cisco UCS Server Diagnostics Utilities

Cisco provides the following diagnostics utilities for Cisco UCS C-Series Servers:

- 1. Cisco UCS Server Diagnostics Utility**—The Cisco UCS Server Diagnostics Utility is an application that helps you to:
  - View server inventory.
  - Perform interactive offline diagnostics.
  - View server health and logs.

For more information on performing these tasks, see the latest version of the [Cisco UCS Server Diagnostics Utility User Guide](#).

Beginning with release 6.1(3a), NI-IOD is supported by Python release 3.0.

- 2. Cisco UCS UEFI Diagnostics Utility**—Cisco UCS UEFI Diagnostics Utility application helps you perform various CPU, Memory, HDD, OS, Video, and Drivers test in UEFI shell.



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- Note**
- a. Test logs can be transferred to a USB drive.
  - b. Cisco UCS UEFI Diagnostics Utility can run only on BIOS UEFI mode. BIOS legacy mode is not supported.
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You can download the ISO images for Cisco UCS Server Diagnostics Utility and Cisco UCS UEFI Diagnostics Utility from [Software Download](#).

This release notes provides information about both the utilities. Both these utilities follow different release schedules. The information provided in this release notes applies to both the utilities unless specified otherwise.

## Revision History

Revision	Date	Description
A0	June 19, 2024	Created release notes for Release 7.1.1.240023.

## System Requirements

### Supported Platforms

#### Release 7.1.1.240023

Cisco UCS Server Diagnostics Utility 7.1.1.240023 is supported on the following Cisco UCS servers:

Cisco UCS M5 Server	Cisco UCS M6 Servers	Cisco UCS M7 Servers
Cisco UCS B200 M5 Cisco UCS B480 M5	Cisco UCS B200 M6 Cisco UCS X210c M6	Cisco UCS X410c M7 Cisco UCS X210c M7
Cisco UCS C220 M5 Cisco UCS C240 M5 Cisco UCS C240 SD M5 Cisco UCS C480 M5 Cisco UCS C480 M5 ML Cisco UCS C125 M5 Cisco UCS S3260 M5	Cisco UCS C220 M6 Cisco UCS C240 M6 Cisco UCS C245 M6 Cisco UCS C225 M6	Cisco UCS C220 M7 Cisco UCS C240 M7

### Hardware Requirements for Cisco UCS Server Diagnostics Utilities

The following are the minimum hardware requirements for UCS Server Diagnostics Utility:

- CD-ROM Drive—A USB CD/DVD-ROM drive is required to be able to boot and run the UCS Server Diagnostics Utility. You can also use the virtual media option in the Cisco IMC KVM to boot UCS Server Diagnostics Utility.
- Mouse—Some functions require a standard mouse (USB) for navigation.
- RAM—A minimum of 4 GB RAM. If the available RAM is less than the minimum recommended value, UCS Server Diagnostics Utility will not function properly.

## New Features

### New Features in Release 7.1.1.240023

Beginning with release 7.1.1.240023, SDU supports the following features:

- Support for 5th-Gen Xeon® processor
- Beginning with Cisco IMC release 4.3(4.240152), SDU provides Redfish API support for invoking diagnostics.

## Related Documentation

For configuration information for this release, refer to the following:

- [Cisco UCS Server Configuration Utility User Guide](#)
- [Cisco Driver Update Utility User Guide](#)

The following related documentation is available for the Cisco Unified Computing System:

- [Regulatory Compliance and Safety Information for Cisco UCS](#)

### **Obtaining Documentation and Submitting a Service Request**

For information on obtaining documentation, submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: <http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html>

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