Release Notes for Cisco UCS Server Diagnostics Utility, Release 7.1

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Cisco UCS Server Diagnostics Utility

Cisco provides the following diagnostics utilities for Cisco UCS B-Series, C-Series, S-Series, and X-Series servers:

1. **Cisco UCS Server Diagnostics Utility (Cisco UCS SDU)**—The Cisco UCS SDU 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 UEFIDU)**—The Cisco UCS UEFIDU application helps you perform various CPU, Memory, HDD, OS, Video, and Drivers test in UEFI shell.

Note

a. Test logs can be transferred to a USB drive.

b. The Cisco UCS UEFIDU can run only on BIOS UEFI mode. BIOS legacy mode is not supported.

You can download the ISO images for Cisco UCS SDU and Cisco UCS UEFIDU from Software Download.

Revision History

Revision	Date	Description
E0	March 23, 2026	Created release notes for Release 7.1.4.260010.
D0	September 09, 2025	Created release notes for Release 7.1.3.250101.

Revision	Date	Description
C0	May 27, 2025	Created release notes for Release 7.1.3.250009.
B0	November 18, 2024	Created release notes for Release 7.1.2.240022.
A0	June 19, 2024	Created release notes for Release 7.1.1.240023.

System Requirements

Supported Platforms

Release 7.1.4.260010

Cisco UCS Server Diagnostics Utility 7.1.4.260010 is supported on the following Cisco UCS servers:

Cisco UCS M5 Server	Cisco UCS M6 Servers	Cisco UCS M7 Servers	Cisco UCS M8 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 XE130c M8 Compute Node Cisco UCS X410c M8 Compute Node Cisco UCS X215c M8 Compute Node Cisco UCS X210c M8 Compute Node
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 C225 M6 Cisco UCS C240 M6 Cisco UCS C245 M6	Cisco UCS C220 M7 Cisco UCS C240 M7	Cisco UCS C220 M8 Cisco UCS C225 M8 Cisco UCS C240 M8 Cisco UCS C245 M8

Release 7.1.3.250101

Cisco UCS Server Diagnostics Utility 7.1.3.250101 is supported on the following Cisco UCS servers:

Cisco UCS M5 Server	Cisco UCS M6 Servers	Cisco UCS M7 Servers	Cisco UCS M8 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 X215c M8 Compute Node Cisco UCS X210c M8 Compute Node
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	Cisco UCS C220 M8 Cisco UCS C225 M8 Cisco UCS C240 M8 Cisco UCS C245 M8

Release 7.1.3.250009

Cisco UCS Server Diagnostics Utility 7.1.3.250009 is supported on the following Cisco UCS servers:

Cisco UCS M5 Server	Cisco UCS M6 Servers	Cisco UCS M7 Servers	Cisco UCS M8 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 X215c M8 Compute Node Cisco UCS X210c M8 Compute Node
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	Cisco UCS C220 M8 Cisco UCS C225 M8 Cisco UCS C240 M8 Cisco UCS C245 M8

Release 7.1.2.240022

Cisco UCS Server Diagnostics Utility 7.1.2.240022 is supported on the following Cisco UCS servers:

Cisco UCS M5 Server	Cisco UCS M6 Servers	Cisco UCS M7 Servers	Cisco UCS M8 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 X215c M8

Cisco UCS M5 Server	Cisco UCS M6 Servers	Cisco UCS M7 Servers	Cisco UCS M8 Servers
Cisco UCS C220 M5	Cisco UCS C220 M6	Cisco UCS C220 M7	Cisco UCS C225 M8
Cisco UCS C240 M5	Cisco UCS C240 M6	Cisco UCS C240 M7	Cisco UCS C245 M8
Cisco UCS C240 SD M5	Cisco UCS C245 M6		
Cisco UCS C480 M5	Cisco UCS C225 M6		
Cisco UCS C480 M5 ML			
Cisco UCS C125 M5			
Cisco UCS S3260 M5			

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

Hardware Requirements for Cisco UCS SDU

The following are the minimum hardware requirements for Cisco UCS SDU:

- CD-ROM Drive—A USB CD/DVD-ROM drive is required to be able to boot and run the Cisco UCS SDU. You can also use the virtual media option in the Cisco IMC KVM to boot the Cisco UCS SDU.
- 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, the Cisco UCS SDU will not function properly.



Note To run the NUMA memory diagnostics test, a minimum of 2 NUMA nodes and 32 GB of RAM is required.

New Features

New Features in Release 7.1.4.260010

Starting with release 7.1.4.260010, Cisco UCS SDU supports the following servers:

- Cisco UCS XE130c M8 Compute Node
- Cisco UCS X410c M8 Compute Node

New Features in Release 7.1.3.250009

Starting with release 7.1.3.250009, Cisco UCS SDU supports the following:

- Support for 6th Generation Intel® Xeon® Scalable Processors
- Support for the following servers:
  - Cisco UCS C220 M8
  - Cisco UCS C240 M8
  - Cisco UCS X210c M8 Compute Node

New Features in Release 7.1.2.240022

Starting with release 7.1.2.240022, Cisco UCS SDU supports the following:

- Diagnostics support for UnConfigured Good Drives
- Support for the following servers:
  - Cisco UCS C225 M8
  - Cisco UCS C245 M8
  - Cisco UCS X215c M8

New Features in Release 7.1.1.240023

Beginning with release 7.1.1.240023, Cisco UCS SDU supports the following features:

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



Note The Redfish API support is not provided for Cisco UCS M5 C-Series and S-Series platforms.

Resolved Caveats

Release 7.1.4.260010

Defect ID	Symptom	Workaround	Release
CSCws68798	One or more of the following messages may be observed when Cisco UCS SDU is run on standalone servers. However, these messages do not indicate a hardware fault. • NUMA node pattern 0 check has failed • NUMA node pattern 1 check has failed	Fixed in this Cisco UCS SDU release.	7.1.4.260010



Note To run the NUMA memory diagnostics test, a minimum of 2 NUMA nodes and 32 GB of RAM is required.

Open Caveats

Release 7.1.3.250101

Defect ID	Symptom	Workaround	Release
CSCwq11085	On Cisco UCS M7 platforms running BIOS version 4.3.4a or later, the UEFI Diagnostics ISO boots successfully. However, diagnostic tests cannot be initiated, leading users to conclude that diagnostics are unavailable.	Cisco UCS SDU can be used for server diagnostics.	7.1.3.250101

Defect ID	Symptom	Workaround	Release
CSCws68798	One or more of the following messages may be observed when Cisco UCS SDU is run on standalone servers. However, these messages do not indicate a hardware fault. • NUMA node pattern 0 check has failed • NUMA node pattern 1 check has failed	No workaround.	7.1.3.250101

Related Documentation

For information on how to use Cisco UCS SDU, Release 7.1, refer to the following:

- Cisco UCS Server Diagnostic Utility User Guide, Release 7.1

For regulatory compliance and safety information for different platforms, refer to the following:

- Regulatory Compliance and Safety Information for Cisco UCS B Series Platform
- Regulatory Compliance and Safety Information for Cisco UCS C Series Platform
- Regulatory Compliance and Safety Information for Cisco UCS X Series Platform

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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