Release Notes for Cisco UCS E-Series M6 Servers, Release 4.11.1

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Overview

The Cisco UCS E-Series M6 Servers are size-, weight-, and power-efficient blade servers that can be housed within the Cisco Catalyst 8300 Series Edge platforms. These servers provide a general-purpose compute platform for branch-office applications deployed either as bare-metal on operating systems, such as Linux, or as virtual machines on hypervisors, such as VMware vSphere Hypervisor.

The Cisco UCS E-Series M6 Servers are available in the following form-factors:

- UCS-E1100D-M6: Double-wide service module, 10-cores CPU, 3.0 -GHz clock speed

System Requirements

The following system requirements apply to the UCS E-Series M6 Servers:

Hardware Requirements

Note The UCS E-Series M6 Servers can be installed in the following Cisco Catalyst 8300 Series Edge platforms:

- C8300-2N2S-4T2X
- C8300-2N2S-6T

The following E-Series M6 Servers are supported:

- UCS-E1100D-M6

Note For details about the E-Series M6 Servers, see the “Hardware Requirements” section in the Hardware Installation Guide for Cisco UCS E-Series M6 Servers .

Software Requirements

The UCS E-Series M6 Servers require three major software systems:

CIMC Firmware

Cisco Integrated Management Controller (CIMC) is a management module, which is built into the motherboard. A dedicated processor, separate from the main server CPU, runs the CIMC firmware. CIMC is the management

service for the UCS E-Series M6 Servers. You can use CIMC to access, configure, administer, and monitor the server.

The system ships with a running version of the CIMC firmware. You can update the CIMC firmware, but no initial installation is needed.

Note The table below lists the minimum CIMC versions required for the UCS E-Series M6 Servers.

Table 1: Minimum CIMC Versions Required

Server Name	CIMC Version
UCS-E1100D-M6	4.11.1

BIOS Firmware

BIOS initializes the hardware in the system, discovers bootable devices, and boots them in the provided sequence. It boots the operating system and configures the hardware for the operating system to use. BIOS manageability features allow you to interact with the hardware and use it. In addition, BIOS provides options to configure the system, manage firmware, and create BIOS error reports.

The system ships with a running version of the BIOS firmware. You can update the BIOS firmware, but no initial installation is needed.

Operating System or Hypervisor

The main server CPU runs on an operating system, or a hypervisor. You can purchase an E-Series M6 Server with a preinstalled hypervisor.

The following hypervisors are supported for CIMC 4.11.1 release:

- VMware ESXi 7.0U3g
- RHEL 8.3

GUI Requirements

The UCS E-Series M6 servers GUI is supported on the following browsers:

- Google Chrome
- Microsoft Edge
- Mozilla Firefox
- Safari

Upgrading to a New Software Release

To upgrade the BIOS or CIMC image on your UCS E-Series M6 server, obtain the package (image) from https://software.cisco.com/download/home, and follow the instructions in chapter "*Firmware Management*" in the CLI Configuration Guide for UCS E-Series M6 Servers.

Cisco Catalyst 8300 Series Edge Platforms, E-Series M6 Server, and Cisco IOS-XE Software Release Compatibility

Table 2: Cisco Catalyst 8300 Series Edge Platforms, E-Series M6 Server, CIMC, Cisco SD-WAN, and Cisco IOS-XE Software Release Compatibility

Cisco Catalyst 8300 Series	UCS E-Series M6 Server(s)	Cisco IOS-XE Software Release	CISCO SD-WAN Release	CIMC
C8300-2N2S-4T2X	UCS-E1100D-M6	Cisco IOS-XE 17.11.1a	Cisco SD-WAN Release 20.11.1	4.11.1
C8300-2N2S-6T	UCS-E1100D-M6	Cisco IOS-XE 17.11.1a	Cisco SD-WAN Release 20.11.1	4.11.1

New Features for CIMC Release 4.11.1

4.11.1 is the first CIMC release supported on the Cisco UCS E-Series M6 servers.

Note Documentation is sometimes updated after original publication; therefore, for updated content, review the documentation on Cisco.com.

Resolved and Open Bugs

Access the Bug Search tool at Bug Search Tool. Enter the bug identifier in the **Search For** field, and then press **Enter**.

Open Bugs in Release 4.11.1

The table below lists the bugs that are open in release 4.11.1:

Caveat ID Number	Description
CSCwd30489	Module needs to be put in maintenance mode while BIOS upgrade.
CSCwf33876	Power On fails while activating BIOS.
CSCwd69953	Driver is not sending NGIO packets after router reload.

Related Documentation

For more information, see the following Cisco UCS E-Series M6 Server documents:

- Hardware Installation Guide for Cisco UCS E-Series M6 Servers
- *CLI Configuration Guide for Cisco UCS E-Series M6 Servers*
- *GUI Configuration Guide for Cisco UCS E-Series M6 Servers*
- Cisco Network Modules, Server Modules, and Interface Cards Regulatory Compliance and Safety Information

- *Troubleshooting Guide for Cisco UCS E-Series M6 Servers*

Communications, Services, and Additional Information

- To receive timely, relevant information from Cisco, sign up at Cisco Profile Manager.
- To get the business impact you're looking for with the technologies that matter, visit Cisco Services.
- To submit a service request, visit Cisco Support.
- To discover and browse secure, validated enterprise-class apps, products, solutions and services, visit Cisco Marketplace.
- To obtain general networking, training, and certification titles, visit Cisco Press.
- To find warranty information for a specific product or product family, access Cisco Warranty Finder.

Cisco Bug Search Tool

Cisco Bug Search Tool (BST) is a web-based tool that acts as a gateway to the Cisco bug tracking system that maintains a comprehensive list of defects and vulnerabilities in Cisco products and software. BST provides you with detailed defect information about your products and software.

Documentation Feedback

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Troubleshooting

For the most up-to-date, detailed troubleshooting information, see the Cisco TAC website at https://www.cisco.com/en/US/support/index.html.

Go to **Products by Category** and choose your product from the list, or enter the name of your product. Look under **Troubleshoot and Alerts** to find information for the issue that you are experiencing.