Release Notes for Cisco UCS E-Series M6 Servers, BIOS Release UCSEDM6_2.02

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Release Notes for Cisco UCS E-Series M6 Servers, BIOS Release UCSEDM6_2.02

This document provides new features, system requirements, compatibility information, and open and resolved caveats for the Cisco UCS E-Series M6 Server, BIOS release UCSEDM6_2.02. Use this document in conjunction with the documents in the section Related Documentation, on page 4.

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

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

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.

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.

Note Table below lists the minimum BIOS versions required to use with the UCS E-Series M6 Servers.

Table 1: Minimum BIOS Versions Required

Server Name	BIOS Version
UCS-E1100D-M6	UCSEDM6_1.08

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 operating system or hypervisor, or you can install your own.

The following hypervisors are supported for UCSEDM6_2.02:

- VMware ESXi 7.0U3g
- ESXi 8.0U2 (VMware-ESXi-8.0.U2-22380479-Custom-Cisco-4.3.2-a)
- 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, and Cisco IOS-XE Software Release Compatibility

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

New Features for BIOS Release UCSEDM6_2.02

There are no new features in the UCSEDM6_2.02 BIOS release.

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Resolved and Closed Bugs in BIOS Release UCSEDM6_2.02

Resolved or closed caveats

Bug ID	Summary
CSCwi17813	Evaluation of UCS E-series M6 for CVE-2023-23583
CSCwf52376	x86 does not comes to power on while run module soak in 39th iteration
CSCwh58586	x86 booting up taken long timer after BIOS activate with 1.08
CSCwi77197	Evaluation of UCS-E for vulnerability

Open Bugs in BIOS Release UCSEDM6_2.02

There are no open bugs in this release.

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.
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- 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

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