



# Release Notes for Cisco UCS E-Series M6 Servers, Release 4.12.x

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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



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- 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
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The following E-Series M6 Servers are supported:

- UCS-E1100D-M6



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- 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](#) .
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### 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 4.12.1 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: Minimum Release Compatibility for Cisco Catalyst 8300 Series Edge Platforms, E-Series M6 Server, CIMC, Cisco SD-WAN, and Cisco IOS-XE Software*

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 4.12.1

There are no new features in this release.



**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 4.12.2

There are no open bugs in this release.

#### Resolved Bugs in Release 4.12.2

The table below lists the bugs that are resolved in release 4.12.2:

Bug ID	Description
<a href="#">CSCwi29799</a>	UCS-E rack server CIMC Privilege Escalation Vulnerability M6
<a href="#">CSCwi42996</a>	UCS-E M6 Blade server CIMC Command Injection

#### Open Bugs in Release 4.12.1

There are no open bugs in this release.

#### Resolved Bugs in Release 4.12.1

The table below lists the bugs that are resolved in release 4.12.1:

Bug ID	Description
<a href="#">CSCwh79785</a>	CVE-2019-11358 CVE-2015-9251 jQuery Object.prototype Pollution Cross-Site Scripting Vulnerability.
<a href="#">CSCwd69078</a>	SSH Properties & IPMI Over LAN props are editable even the section is disabled.
<a href="#">CSCwe58224</a>	SSH timeout value is not resetted after factory reset.
<a href="#">CSCwh05409</a>	Unable to config IPv6 using XML API.
<a href="#">CSCwd59952</a>	CIMC GUI not refreshing DIMM details.
<a href="#">CSCwh51121</a>	M6 - CIMC config import feature is failed.
<a href="#">CSCwh13840</a>	Last reboot reason showing wrong for X-86 operations.
<a href="#">CSCwf75541</a>	Set operation command failed in BIOS prompt.

## 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](#)

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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.