Release Notes for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine, BIOS Releases UCSEM3_2.5 and UCSEDM3_2.5

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This document provides new features, system requirements, compatibility information, and open and resolved caveats for the Cisco UCS E-Series Server and the Cisco UCS E-Series Network Compute Engine (NCE) software, BIOS releases UCSEM3_2.5 and UCSEDM3_2.5. Use this document in conjunction with the documents in the Related Documentation, on page 2.

Note

This release note is specific to UCS-E160S-M3, UCS-E180D-M3, and UCS-E1120D-M3 modules. The UCSEM3_2.5 image applies only to UCS-E160S-M3 module. The UCSEDM3_2.5 image applies to UCS-E180D-M3 and UCS-E1120D-M3 modules.

Note

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

Overview

The Cisco UCS E-Series Servers (E-Series Servers) and the Cisco UCS E-Series Network Compute Engine (NCE) are a family of size-, weight-, and power-efficient blade servers that are housed within the Cisco ISR 4000 series. These servers provide a general-purpose compute platform for branch-office applications deployed either as bare-metal on operating systems, such as Microsoft Windows or Linux, or as virtual machines on hypervisors, such as VMware vSphere Hypervisor, Microsoft Hyper-V, or Citrix XenServer.

The E-Series Servers are purpose-built with powerful Intel Xeon processors for general-purpose compute. They come in the following form factors: single-wide and double-wide. The single-wide E-Series Server fits into one server module (SM) slot, and the double-wide E-Series Server fits into two SM slots.

Note

M3 servers are supported on the Cisco ISR 4000 series only.

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Important Information About the VMware FL-SRE-V-HOST License

If you are using a VMware FL-SRE-V-HOST license (equivalent to VMware vSphere Hypervisor™ 5.X), make sure that you are using 32 GB or less of RAM. If more than 32 GB of RAM is used, you will get an error message, and you will not be able to apply the license. If you want to use 48 GB RAM, upgrade your license to FL-SRE-V-HOSTVC.

Important Information About the Host Upgrade Utility

Since CIMC release 3.0.1, a separate Host Upgrade Utility User Guide is not supported. All the information that was present in the Host Upgrade Utility User Guide is merged into the *Getting Started Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine.*

Open Bugs in BIOS Releases UCSEM3_2.5 and UCSEDM3_2.5

None

Resolved and Closed Bugs

lists the bugs resolved or closed in BIOS releases UCSEM3_2.5 and UCSEDM3_2.5.

Table 1: Resolved or Closed Caveats

Bug ID	Summary
CSCvf41618	UCS-E series server not turning on automatically after power failure on 2921.
CSCvh55443	Implement UEFI secure boot on UCS-E M3 and ENCS .
CSCvh83260	ENCS: Bypassing BIOS Password.
CSCvh48274	Evaluation of the Cisco UCS E-Series Servers to address the vulnerabilities known as CPU Side-Channel Information Disclosure.

Related Documentation

For links to the following Cisco UCS E-Series Servers and the NCE documents, see Documentation Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine :

- *Getting Started Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine*
- *Hardware Installation Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine*
- *Cisco Network Modules, Server Modules, and Interface Cards Regulatory Compliance and Safety Information*
- *GUI Configuration Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine Integrated Management Controller*
- *CLI Configuration Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine Integrated Management Controller*

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- *CIMC XML API Programmer's Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine*
- *Troubleshooting Guide for Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine*
- *Open Source Used in Cisco UCS E-Series Servers and the Cisco UCS E-Series Network Compute Engine, Release 2.x*
- Third-Party Tools Plug-In Documentation:

    - *Release Notes for Cisco IMC PowerTool, Release 1.x*
    - *Cisco UCS PowerTool, Release 1.1.1 User Guide*
    - *Cisco IMC Remote Action Service 1.1.1 User Guide for HP Operations Orchestration 9.00*
    - *Cisco IMC Smart Plugin 1.0 Installation Guide for HP Operations Manager—Windows*
    - *Cisco IMC Smart Plugin 1.0 Operations Guide for HP Operations Manager—Windows*
    - *Release Notes for Cisco IMC Management Pack, Release 1.1 for Microsoft System Center 2012, 2012 SP1 and 2012 R2, Operations Manager*
    - *Cisco IMC Management Pack User Guide, Release 1.1 for Microsoft System Center 2012, 2012 SP1 and 2012 R2, Operations Manager*

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see the monthly *What's New in Cisco Product Documentation* , which also lists all new and revised Cisco technical documentation, at:

http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html

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