



Preface

This preface includes the following sections:

- [Audience, page i](#)
- [Organization, page i](#)
- [Conventions, page iii](#)
- [Related Documentation, page iv](#)
- [Documentation Feedback, page iv](#)

Audience

This guide is intended primarily for data center administrators with responsibilities and expertise in one or more of the following:

- Server administration
- Storage administration
- Network administration
- Network security

Organization

This document includes the following chapters:

Chapter	Title	Description
Chapter 1	Overview	Describes the Cisco UCS E-Series Servers and the CIMC CLI .
Chapter 2	Installing the Server Operating System	Describes how to configure an operating system (OS) on the server.

Chapter	Title	Description
Chapter 3	Managing the Server	Describes how to configure the server boot device order, how to manage the server power, how to configure power policies, how to configure and manage RAID, and how to configure BIOS settings.
Chapter 4	Viewing Server Properties	Describes how to view the CPU, memory, power supply, storage, and PCI adapter properties of the server.
Chapter 5	Viewing Server Sensors	Describes how to view the fault, temperature, voltage, and storage sensors.
Chapter 6	Managing Remote Presence	Describes how to configure and manage the virtual KVM, virtual media, and the serial over LAN connection.
Chapter 7	Managing User Accounts	Describes how to add or modify user accounts, how to configure Active Directory to authenticate users, and how to manage user sessions.
Chapter 8	Configuring Network-Related Settings	Describes how to configure network interfaces, network settings, and network security.
Chapter 9	Configuring Communication Services	Describes how to configure server management communication by HTTP, SSH, IPMI, and SNMP.
Chapter 10	Managing Certificates	Describes how to generate, upload, and manage server certificates.
Chapter 11	Configuring Platform Event Filters	Describes how to configure and manage platform event filters.
Chapter 12	CIMC Firmware Management	Describes how to obtain, install, and activate firmware images.
Chapter 13	Viewing Logs	Describes how to view, export, and clear CIMC and system event log messages.
Chapter 14	Server Utilities	Describes how to export support data, how to export and import the server configuration, how to reset the server configuration to factory defaults, and how to reboot the management interface.
Chapter 15	Diagnostic Tests	Describes how to run diagnostic tests.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands, keywords, GUI elements, and user-entered text appear in bold font .
<i>italic font</i>	Document titles, new or emphasized terms, and arguments for which you supply values are in <i>italic font</i> .
<code>courier font</code>	Terminal sessions and information that the system displays appear in <code>courier font</code> .
[]	Elements in square brackets are optional.
{x y z}	Required alternative keywords are grouped in braces and separated by vertical bars.
[x y z]	Optional alternative keywords are grouped in brackets and separated by vertical bars.
string	A nonquoted set of characters. Do not use quotation marks around the string or the string will include the quotation marks.
<>	Nonprinting characters such as passwords are in angle brackets.
[]	Default responses to system prompts are in square brackets.
!, #	An exclamation point (!) or a pound sign (#) at the beginning of a line of code indicates a comment line.



Note

Means *reader take note*.



Tip

Means *the following information will help you solve a problem*.



Caution

Means *reader be careful*. In this situation, you might perform an action that could result in equipment damage or loss of data.

**Timesaver**

Means *the described action saves time*. You can save time by performing the action described in the paragraph.

**Warning**

Means *reader be warned*. In this situation, you might perform an action that could result in bodily injury.

Related Documentation

- [Documentation Guide for Cisco UCS E-Series Servers](#)—Provides links to all E-Series Server documentation
- *Release Notes for Cisco UCS E-Series Servers, Release 1.0*
- *Getting Started Guide for Cisco UCS E-Series Servers, Release 1.0*
- *Hardware Installation Guide for Cisco UCS E-Series Servers*
- *Cisco Network Modules, Server Modules, and Interface Cards Regulatory Compliance and Safety Information*
- *GUI Configuration Guide for Cisco UCS E-Series Servers Integrated Management Controller, Release 1.0*
- *CLI Configuration Guide for Cisco UCS E-Series Servers Integrated Management Controller, Release 1.0*
- *Troubleshooting Guide for Cisco UCS E-Series Servers*
- *Open Source Used in Cisco UCS E-Series Servers, Release 1.0*

Documentation Feedback

To provide technical feedback on this document, or to report an error or omission, send your comments to ucs-docfeedback@external.cisco.com. We appreciate your feedback.