



Cisco UCS B-Series Servers Documentation Roadmap

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Overview

This document describes the user documentation available for the Cisco Unified Computing System (Cisco UCS) products including the B-series blade servers and Cisco UCS Manager software. To find a document online, use one of the links in this roadmap.

In addition, an ISO file containing all B and C-Series documents is available at the following URL: <http://www.cisco.com/cisco/software/type.html?mdfid=283853163&flowid=25821>. From this page, click **Unified Computing System (UCS) Documentation Roadmap Bundle**.

The ISO file is updated after every major documentation release.



Tip Follow [Cisco UCS Docs on Twitter](#) to receive document update notifications.

Release Notes and Interoperability Information

The [Release Notes for Cisco UCS Manager](#) provides the most current information about open and resolved caveats for each release of the Cisco UCS software, including Cisco UCS Manager GUI, B-series BIOS builds, and drivers or firmware associated with each release.

The [Hardware and Software Interoperability Matrix for B Series Servers](#) document provides interoperability matrices for Cisco UCS components and configurations that have been tested and validated by Cisco, by Cisco partners, or both. Use it as a reference for supported hardware and software.

The interactive *UCS Hardware and Software Interoperability Utility* lets you view the supported components and configurations for a selected server model and software release. This utility is available at the following URL: <http://www.cisco.com/web/techdoc/ucs/interoperability/matrix/matrix.html>



Note The interoperability information for a particular release is dependent on third-party certification testing done after the release has been made public. Therefore, the interoperability information may not be available until several months after the release becomes publically available.

Hardware Installation Information

Pre-Installation Information

For important information about the site requirements for a Cisco UCS installation, see the [Cisco UCS Site Preparation Guide](#).

For important safety information, see the [Regulatory Compliance and Safety Information for Cisco UCS](#).



Tip The Cisco R Series Racks and Cisco RP Series PDUs are an ideal choice for Cisco UCS installations in a data center. For details, see [Cisco R Series Rack and RP Series PDU Installation Guide](#).

Chassis Installation Guide

For installation instructions for a Cisco UCS chassis, see the [Cisco UCS 5108 Server Chassis Hardware Installation Guide](#).

Fabric Interconnect Installation Guides

For information about installing a Cisco UCS fabric interconnect, see the hardware install guide for the fabric interconnect that you are installing. The available installation guides are:

- [Cisco UCS 6100 Series Fabric Interconnect Hardware Installation Guide](#)
- [Cisco UCS 6200 Series Fabric Interconnect Hardware Installation Guide](#)

For information about replacing a Cisco UCS 6140XP-40-port fabric interconnect or about upgrading a Cisco UCS 6120XP-20-port fabric interconnect to a Cisco UCS 6140XP-40-port fabric interconnect, see [UCS 6140XP-40-port Fabric Interconnect Replacement or Upgrade for a UCS 6120XP-20-port Fabric Interconnect](#).



Note For information about upgrading a 6100 series fabric interconnect to a 6200 series fabric interconnect, see the upgrade guide for the upgrade path that you are using. The complete list of upgrade guides can be found here: [Cisco UCS Manager Install and Upgrade Guides](#).

Blade Server Installation Guides

For information about installing a Cisco UCS blade server, see the hardware install guide for the blade server that you are installing. The available installation guides are:

- [Cisco UCS B200 Blade Server Installation and Service Note](#)
- [Cisco UCS B230 Blade Server Installation and Service Note](#)
- [Cisco UCS B250 Extended Memory Blade Server Installation and Service Note](#)
- [Cisco UCS B440 High Performance Blade Server Installation and Service Note](#)

Cisco UCS Manager Software Configuration Guides

The configuration information for Cisco UCS Manager is located in the *Cisco UCS Manager GUI Configuration Guide* and the *Cisco UCS Manager CLI Configuration Guide*. For details, see the guide that applies to the release that you are using.

A complete list of the GUI and CLI configuration guides can be found here: [Cisco UCS Manager Configuration Guides](#). This page also lists the available *Configuration Limits* and *Sample Configuration* documents.

Hardware and Software Upgrade Guides and Videos

To upgrade Cisco UCS Manager and all related firmware and BIOS versions to the latest version, see the upgrade guide and any available videos for the upgrade path that you are using.

The complete list of upgrade guides and videos can be found here: [Cisco UCS Manager Install and Upgrade Guides](#).

Blade Server Operating System Installation Guides

For information on installing an operating system on a blade server, see the appropriate OS installation guide. The list of available installation guides can be found here: [Cisco UCS Blade Server Configuration Guides](#).

To install Microsoft SCOM, see [Quick Start Guide Cisco UCS Manager Management Pack for Microsoft System Center Operations Manager R2](#).

VM-FEX Configuration Guides

VM-FEX for VMware

The [Cisco UCS Manager VM-FEX for VMware GUI Configuration Guide](#) provides information on installing the VM-FEX feature on VMware hosts and configuring the VM-FEX feature using the Cisco UCS Manager GUI.

The [Cisco UCS Manager VM-FEX for VMware CLI Configuration Guide](#) provides information on installing the VM-FEX feature on VMware hosts and configuring the VM-FEX feature using the Cisco UCS Manager CLI.

VM-FEX for KVM

The [Cisco UCS Manager VM-FEX for KVM GUI Configuration Guide](#) provides information on installing the VM-FEX for KVM feature on VM hosts and configuring the VM-FEX for KVM feature using the Cisco UCS Manager GUI.

The [Cisco UCS Manager VM-FEX for KVM CLI Configuration Guide](#) provides information on installing the VM-FEX for KVM feature on VM hosts and configuring the VM-FEX for KVM feature using the Cisco UCS Manager CLI.

Cisco UCS VIC Driver Installation Guides

The *Release Notes for Cisco UCS Virtual Interface Card Drivers* provides the most current information about open and resolved caveats for each release of the Cisco UCS VIC drivers. The release notes can be found here: [Cisco UCS Manager Release Notes](#).

The installation information for Cisco UCS VIC drivers can be found here: [Cisco UCS Manager Install and Upgrade Guides](#).

Hardware and Software Troubleshooting Information

The Cisco UCS documentation set includes the following troubleshooting information:

- [Cisco UCS Manager B-Series Troubleshooting Guide](#)
- [Cisco UCS Faults and Error Messages Reference](#)
- [Cisco UCS Faults Spreadsheet](#)

Reference Information

The Cisco UCS documentation set includes the following reference documents:

- [Cisco UCS Manager CLI Command Reference](#)

- [UCSM CLI Navigator](#)—An online tool that presents the Cisco UCS Manager CLI documentation in a structure that duplicates the structure of the commands in the CLI
- [Cisco UCS Manager XML API Programmer's Guide](#)
- [MIB Quick Reference for Cisco UCS](#)
- [Open Source used in Cisco UCS](#)

Scroll down page to General References section for links to open source guides for Cisco UCS 1.4(1) and 2.0(1).



Americas Headquarters
Cisco Systems, Inc.
San Jose, CA 95134-1706
USA

Asia Pacific Headquarters
Cisco Systems (USA) Pte. Ltd.
Singapore

Europe Headquarters
Cisco Systems International BV
Amsterdam, The Netherlands

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