



Preparation

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Introduction

This book provides helpful details for Cisco Collaboration applications installing on or migrating to specific examples of virtualization hardware.



Note For Cisco Business Edition 6000 and 7000 appliance servers, do not follow the procedures in this document as the appliance servers ship with factory-setup hardware and factory-preloaded software and you will overwrite the preloaded software. Instead, use the Cisco Business Edition 6000 or 7000 Installation Guide at <https://www.cisco.com/c/en/us/support/unified-communications/business-edition-6000/tsd-products-support-series-home.html> or <https://www.cisco.com/c/en/us/support/unified-communications/business-edition-7000/tsd-products-support-series-home.html>.

Example Hardware Configurations for Cisco Collaboration

The table below is a summary of the example hardware configurations covered in this document. For details on how the latest shipping examples were derived, see https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/cisco-collaboration-infrastructure.html#Intro

	Hardware Examples for Small Collaboration	Hardware Examples for Medium Collaboration	Hardware Examples for Large Collaboration
Latest Shipping Examples			
Hyperconverged (Cisco HyperFlex HX-Series)	HyperFlex Edge 220c M5SX Example for Small Collaboration	HyperFlex Edge 220c M5SX Example for Medium Collaboration	HyperFlex Edge 220c M5SX Example for Large Collaboration
Blade Server (Cisco UCS B-Series)	UCS B200 M5 Example for Small Collaboration	UCS B200 M5 Example for Medium Collaboration	UCS B200 M5 Example for Large Collaboration

	Hardware Examples for Small Collaboration	Hardware Examples for Medium Collaboration	Hardware Examples for Large Collaboration
Rack-mount Server (Cisco UCS C-Series)	UCS C220 M5SX Example for Small Collaboration	UCS C240 M5SX Example for Medium Collaboration	UCS C240 M5SX Example for Large Collaboration
Older Examples			
Hyperconverged (Cisco HyperFlex HX-Series)	-	-	HyperFlex 240c M4SX Example for Large Collaboration
Blade Server (Cisco UCS B-Series)			UCS B200 M4 Example for Large Collaboration
Rack-mount Server (Cisco UCS C-Series)	UCS C220 M4S Example for Small Collaboration	UCS C240 M4S2 Example for Medium Collaboration	UCS C240 M4SX Example for Large Collaboration
	UCS C220 M4S Example for Small+ Collaboration (more apps)	-	-
Router Blade Server (Cisco UCS E-Series)	UCS E160S M3 Example for Extra-small UC	-	-
End of Support Examples			
Blade Server (Cisco UCS B-Series)	-	UCS B200 M2 Example for Medium Collaboration	UCS B200 M3 Example for Large Collaboration
	-	UCS B200 M1 Example for Medium Collaboration	UCS B440 M2 Example for Large Collaboration
	-	-	UCS B230 M2 Example for Large Collaboration
Rack-mount Server (Cisco UCS C-Series)	UCS C220 M3S Example for Small Collaboration	UCS C220 M3S Example for Medium Collaboration	UCS C220 M3S Example for Large Collaboration
	UCS C220 M3S Example for Small+ Collaboration (more apps)	UCS C220 M3S Example for Medium Collaboration	UCS C260 M2 Example for Large Collaboration
	UCS C200 M2 Example for Small Collaboration	UCS C210 M2 Example for Medium Collaboration	-
	-	UCS C210 M1 Example for Medium Collaboration	-
Router Blade Server (Cisco UCS E-Series)	UCS E160D M2 Example for Extra-small UC	-	-

Essential Documents

Refer to the following documents to prepare for installing your hardware. There may be other hardware documents required besides the ones listed here.

- Application Deployment Options—To gain insights to help you plan your deployment, see the *Preferred Architecture guides and the Cisco Validated Designs* that are relevant to your business needs.
- Virtualized Collaboration technical documentation <http://www.cisco.com/go/%20virtualized-collaboration>.
- Collaboration Hardware and VMware compatibility at https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/cisco-collaboration-infrastructure.html#Compatibility.
- Derivation of latest shipping hardware examples for Collaboration at https://www.cisco.com/c/dam/en/us/td/docs/voice_ip_comm/uc_system/virtualization/cisco-collaboration-infrastructure.html#HW_Example

Spec sheet for your Cisco hardware. For example (non-exhaustive):

- Cisco HyperFlex HX-E-220M5SX Edge Node Spec Sheet
 - Cisco HyperFlex HX220c M5 Node (HYBRID) Spec Sheet
 - Cisco UCS B200 M5 Blade Server Spec Sheet
 - Cisco UCS C240 M5 Rack Server (Small Form Factor Disk Drive Model) Spec Sheet
 - Cisco UCS C220 M5 Rack Server (Small Form Factor Disk Drive Model) Spec Sheet
- Installation guides for your hardware. For example (non-exhaustive):
 - Preinstallation Checklist for Cisco HX Data Platform
 - Preinstallation Checklist for Cisco HyperFlex Edge
 - Cisco HyperFlex Systems Getting Started Guide
 - Cisco HyperFlex Edge Deployment Guide
 - Cisco HX220c M5 HyperFlex Node Installation Guide
 - Cisco UCS B200 M5 Blade Server Installation and Service Note
 - Cisco UCS C240 M5 Server Installation and Service Guide
 - Cisco UCS C220 M5 Server Installation and Service Guide

