



Preface

This preface describes the audience, organization, and conventions of the *Cisco Wireless LAN Controller Configuration Guide, Release 7.2*. It also provides information on how to obtain other documentation. This chapter includes the following sections:

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Audience

This publication is for experienced network administrators or management users who configure and maintain Cisco wireless LAN controllers and Cisco lightweight access points.

Purpose

This guide provides the information you need to set up and configure wireless LAN controllers.



Note

This version of the *Cisco Wireless LAN Controller Configuration Guide* pertains specifically to controller software release 7.2. If you are using an earlier version of software, you will notice differences in features, functionality, and GUI pages.

Organization

This guide is organized into these chapters:

Chapter Title	Description
Chapter 2, “Overview”	Provides an overview of the network roles and features of wireless LAN controllers.
Chapter 3, “Using the Web-Browser and CLI Interfaces”	Describes how to initially configure and log into the controller
Chapter 4, “Configuring Ports and Interfaces”	Describes the controller’s physical ports and interfaces and provides instructions for configuring them.
Chapter 4, “Configuring Controller Settings”	Describes how to configure settings on the controllers.
Chapter 6, “Configuring VideoStream”	Describes how to configure VideoStream settings on the controller.
Chapter 7, “Configuring Security Solutions”	Describes application-specific solutions for wireless LANs.
Chapter 8, “Working with WLANs”	Describes how to configure wireless LANs and SSIDs on your system.
Chapter 9, “Controlling Lightweight Access Points”	Explains how to connect lightweight access points to the controller and manage access point settings.
Chapter 10, “Controlling Mesh Access Points”	Explains how to connect mesh access points to the controller and manage access point settings.
Chapter 11, “Managing Controller Software and Configurations”	Describes how to upgrade and manage controller software and configurations.

Chapter Title	Description
Chapter 12, “Managing User Accounts”	Explains how to create and manage guest user accounts, describes the web authentication process, and provides instructions for customizing the web authentication login.
Chapter 13, “Configuring Radio Resource Management”	Describes radio resource management (RRM) and explains how to configure it on the controllers.
Chapter 14, “Configuring Cisco CleanAir”	Describes how to configure Cisco CleanAir functionality on the controller and lightweight access points.
Chapter 15, “Configuring Mobility Groups”	Describes mobility groups and explains how to configure them on the controllers.
Chapter 16, “Configuring FlexConnect”	Describes FlexConnect and explains how to configure this feature on controllers and access points.
Appendix A, “Safety Considerations and Translated Safety Warnings”	Lists safety considerations and translations of the safety warnings that apply to the Cisco Unified Wireless Network solution products.
Appendix B, “Declarations of Conformity and Regulatory Information”	Provides declarations of conformity and regulatory information for the products in the Cisco Unified Wireless Network solution.
Appendix C, “End User License and Warranty”	Describes the end user license and warranty that apply to the Cisco Unified Wireless Network solution products.
Appendix 18, “Troubleshooting”	Describes the LED patterns on controllers and lightweight access points, lists system messages that can appear on the Cisco Unified Wireless Network solution interfaces, and provides CLI commands that can be used to troubleshoot problems on the controller.
Appendix E, “Logical Connectivity Diagrams”	Provides logical connectivity diagrams and related software commands for controllers that are integrated into other Cisco products.

Conventions

This document uses the following conventions:

Convention	Indication
bold font	Commands and keywords 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> .
[]	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.

courier font	Terminal sessions and information the system displays appear in <code>courier font</code> .
< >	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

This warning symbol means danger. You are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. (To see translations of the warnings that appear in this publication, refer to the appendix "Translated Safety Warnings.")

Waarschuwing

Dit waarschuwingssymbool betekent gevaar. U verkeert in een situatie die lichamelijk letsel kan veroorzaken. Voordat u aan enige apparatuur gaat werken, dient u zich bewust te zijn van de bij elektrische schakelingen betrokken risico's en dient u op de hoogte te zijn van standaard maatregelen om ongelukken te voorkomen. (Voor vertalingen van de waarschuwingen die in deze publicatie verschijnen, kunt u het aanhangsel "Translated Safety Warnings" (Vertalingen van veiligheidsvoorschriften) raadplegen.)

Varoitus

Tämä varoitusmerkki merkitsee vaaraa. Olet tilanteessa, joka voi johtaa ruumiinvammaan. Ennen kuin työskentelet minkään laitteiston parissa, ota selvää sähkökytkentöihin liittyvistä vaaroista ja tavanomaisista onnettomuuksien ehkäisykeinoista. (Tässä julkaisussa esiintyvien varoitusten käännökset löydät liitteestä "Translated Safety Warnings" (käännetyt turvallisuutta koskevat varoitukset).)

Attention

Ce symbole d'avertissement indique un danger. Vous vous trouvez dans une situation pouvant entraîner des blessures. Avant d'accéder à cet équipement, soyez conscient des dangers posés par les circuits électriques et familiarisez-vous avec les procédures courantes de prévention des accidents. Pour obtenir les traductions des mises en garde figurant dans cette publication, veuillez consulter l'annexe intitulée « Translated Safety Warnings » (Traduction des avis de sécurité).

Warnung	Dieses Warnsymbol bedeutet Gefahr. Sie befinden sich in einer Situation, die zu einer Körperverletzung führen könnte. Bevor Sie mit der Arbeit an irgendeinem Gerät beginnen, seien Sie sich der mit elektrischen Stromkreisen verbundenen Gefahren und der Standardpraktiken zur Vermeidung von Unfällen bewusst. (Übersetzungen der in dieser Veröffentlichung enthaltenen Warnhinweise finden Sie im Anhang mit dem Titel "Translated Safety Warnings" (Übersetzung der Warnhinweise).)
Avvertenza	Questo simbolo di avvertenza indica un pericolo. Si è in una situazione che può causare infortuni. Prima di lavorare su qualsiasi apparecchiatura, occorre conoscere i pericoli relativi ai circuiti elettrici ed essere al corrente delle pratiche standard per la prevenzione di incidenti. La traduzione delle avvertenze riportate in questa pubblicazione si trova nell'appendice, "Translated Safety Warnings" (Traduzione delle avvertenze di sicurezza).
Advarsel	Dette varselsymbolet betyr fare. Du befinner deg i en situasjon som kan føre til personskade. Før du utfører arbeid på utstyr, må du være oppmerksom på de faremomentene som elektriske kretser innebærer, samt gjøre deg kjent med vanlig praksis når det gjelder å unngå ulykker. (Hvis du vil se oversettelser av de advarslene som finnes i denne publikasjonen, kan du se i vedlegget "Translated Safety Warnings" [Oversatte sikkerhetsadvarsler].)
Aviso	Este símbolo de aviso indica perigo. Encontra-se numa situação que lhe poderá causar danos físicos. Antes de começar a trabalhar com qualquer equipamento, familiarize-se com os perigos relacionados com circuitos eléctricos, e com quaisquer práticas comuns que possam prevenir possíveis acidentes. (Para ver as traduções dos avisos que constam desta publicação, consulte o apêndice "Translated Safety Warnings" - "Traduções dos Avisos de Segurança").
¡Advertencia!	Este símbolo de aviso significa peligro. Existe riesgo para su integridad física. Antes de manipular cualquier equipo, considerar los riesgos que entraña la corriente eléctrica y familiarizarse con los procedimientos estándar de prevención de accidentes. (Para ver traducciones de las advertencias que aparecen en esta publicación, consultar el apéndice titulado "Translated Safety Warnings.")
Varning!	Denna varningssymbol signalerar fara. Du befinner dig i en situation som kan leda till personskada. Innan du utför arbete på någon utrustning måste du vara medveten om farorna med elkretsar och känna till vanligt förfarande för att förebygga skador. (Se förklaringar av de varningar som förekommer i denna publikation i appendix "Translated Safety Warnings" [Översatta säkerhetsvarningar].)

Related Documentation

These documents provide complete information about the Cisco Unified Wireless Network solution:

- *Cisco 5500 Series Wireless Controller Installation Guide*
- *Cisco Wireless LAN Controller Command Reference*
- *Cisco Wireless Control System Configuration Guide*
- *Release Notes for Cisco Wireless LAN Controllers and Lightweight Access Points, Release 7.2.100.0*
- *Quick Start Guide: Cisco Wireless Control System*
- Quick start guide and hardware installation guide for your specific lightweight access point

Click this link to browse to user documentation for the Cisco Unified Wireless Network solution:

<http://www.cisco.com/cisco/web/psa/default.html?mode=prod>

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, see 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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