Preface

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This section discusses the objectives, audience, conventions, and organization of the *CT5760 Controller Deployment Guide* and provides general information about Cisco IOS software documentation.

Cisco documentation and additional literature are available in a CD-ROM package, which ships with your product. The Documentation CD-ROM, a member of the Cisco Connection Family, is updated monthly. Therefore, it might be more up to date than printed documentation. To order additional copies of the Documentation CD-ROM, contact your local sales representative or call customer service. The CD-ROM package is available as a single package or as an annual subscription.

Objectives

This document introduces two new controllers within the Cisco Unified Access architecture and provides general guidelines for their deployment. The purpose of this document is to:

- Provide an overview of the new Cisco 5760 Next Generation Wireless LAN Controller and the Next Generation Catalyst 3850 Wired/Wireless Switch.

- Provide design recommendations and deployment considerations specific to the Centralized Access deployment.

Audience

This publication is intended primarily for users who configure and maintain routers, but are not necessarily familiar with tasks, the relationship between tasks, or the commands necessary to perform particular tasks to configure VoIP. In addition, this publication is intended for users with some familiarity with IP and telephony networks.

Cisco IOS Software Documentation

In addition to the information provided in this publication, you might need to refer to the Cisco IOS documentation set. The Cisco IOS software documentation is divided into nine modules and two master indexes. Each module consists of two books: a configuration guide and a corresponding command reference. Chapters in a configuration guide describe protocols, configuration tasks, and Cisco IOS software functionality and contain comprehensive configuration examples. Chapters in a command reference provide complete command syntax information. Each configuration guide can be used in conjunction with its corresponding command reference.

Organization

This chapter describes the contents of each chapter in this document.

Table 1   Organization

Chapter	Title	Description
Chapter 1	Product Overview	Overview of controllers
Chapter 2	Supported Features	Overview of supported features
Chapter 3	Mobility Architecture	Overview of mobility components in the new mobility architecture
Chapter 4	Mobility Design and Configuration	Configuration of WLC5760, WLC5508, and Catalyst 3850 in hybrid mode
Chapter 5	Bring Your Own Device (BYOD) Security Configuration	Description of self-service additions of personal devices
Chapter 6	Secure WLAN configuration	Configuration on Catalyst 3850/WLC5508
Chapter 7	Radio Resource Management Configuration	Radio Resource Management (RRM) software
Chapter 8	CleanAir	CleanAir - spectrum intelligence solution
Chapter 9	High Availability	Overview of availability
Chapter 10	Interface Group	Overview of groups of interfaces
Chapter 11	Multicast Configuration	Overview of multicast configuration
Chapter 12	QoS Configuration	Introduction of Cisco IOS® software on the WLC5760 controller

Command Syntax Conventions

Table 2 describes the syntax used with the commands in this document.

Table 2   ***Command Syntax Guide***

Convention	Description
boldface	Commands and keywords.
italic	Command input that is supplied by you.
[ ]	Keywords or arguments that appear within square brackets are optional.
{ x | x | x }	A choice of keywords (represented by x) appears in braces separated by vertical bars. You must select one.
^ or Ctrl	Represent the key labeled *Control*. For example, when you read **^***D* or *Ctrl-D*, you should hold down the Control key while you press the D key.
`screen font`	Examples of information displayed on the screen.
boldface screen font	Examples of information that you must enter.
< >	Nonprinting characters, such as passwords, appear in angled brackets.
[ ]	Default responses to system prompts appear in square brackets.