

About This Manual

Document Objectives

This publication provides internetworking design and implementation information and helps you identify and implement practical internetworking strategies that are both flexible and scalable.

This publication was developed to assist professionals preparing for Cisco Certified Internetwork Expert (CCIE) candidacy, though it is a valuable resource for all internetworking professionals. It is designed for use in conjunction with other Cisco manuals or as a standalone reference. You may find it helpful to refer to the *Cisco CCIE Fundamentals: Case Studies*, which provides case studies and examples of the network design strategies described in this book.

Audience

This publication is intended to support the network administrator who designs and implements router- or switched-based internetworks.

Readers will better understand the material in this publication if they are familiar with networking terminology. The Cisco *Internetworking Terms and Acronyms* publication is a useful reference for those with minimal knowledge of networking terms.

Document Organization

This manual contains three parts, which are described below:

Part I, “Overview,” provides an introduction to the type of internetworking design topics that will be discussed in this publication.

Part II, “Design Concepts,” provides detailed information about each of the design strategies and technologies contained in this publication.

Part III, “Appendixes,” contains reference material.

Document Conventions

In this publication, the following conventions are used:

- Commands and keywords are in **boldface**.
- New, important terms are *italicized* when accompanied by a definition or discussion of the term.
- Protocol names are *italicized* at their first use in each chapter.

Note Means *reader take note*. Notes contain helpful suggestions or references to materials not contained in this manual.
