



## Preface

---

The *Cisco Aironet 350 Series Bridge Software Configuration Guide* describes how to configure Cisco Aironet 350 Series Bridges using the web-based management system. This manual also briefly describes how to use the console-based management system.

## Audience and Scope

This guide is for the network manager responsible for configuring a wireless network. Before using the material in this guide, you should be familiar with some of the concepts and terminology of Ethernet and wireless local area networking.

The scope of this guide is to provide the information you need to change the configuration of a bridge, use the bridge's management system to browse to other devices on a wireless network, and troubleshoot problems with the bridge that might arise.

## Organization

This guide is organized into the following chapters:

[Chapter 1, “Overview,”](#) is a functional overview of the bridge's management system. It describes the features of the management system and the bridge's role in a wireless network.

[Chapter 2, “Using the Management Interfaces,”](#) describes how to use the bridge's web-browser and command-line interfaces.

[Chapter 3, “Configuring the Radio and Basic Settings,”](#) describes the how to configure the bridge.

[Chapter 4, “Configuring VLANs,”](#) describes the how to configure VLANs.

[Chapter 5, “Configuring Filters and Quality of Service,”](#) describes the how to configure protocol filters and QoS.

[Chapter 6, “Configuring Proxy Mobile IP,”](#) describes the how to configure Proxy Mobile IP for bridges used as access points.

[Chapter 7, “Configuring Other Settings,”](#) describes the how to configure other configurations such as servers and association tables.

[Chapter 8, “Security Setup,”](#) describes how to set up and enable the bridge's security features.

[Chapter 9, “Network Management,”](#) describes how to use the management system to browse to other devices on a wireless network.

Chapter 10, “Managing Firmware and Configurations,” describes how to update the bridge’s firmware and use the management system to distribute firmware to other bridges.

Chapter 11, “Management System Setup,” describes methods of managing the bridge other than through the management system.

Chapter 12, “Special Configurations,” describes how to set up the bridge in network roles other than as a root or non-root unit on a wired LAN, such as in access point or repeater mode.

Chapter 13, “Diagnostics and Troubleshooting,” describes how to identify and resolve some of the problems that might arise when you configure a bridge running this software release.

Appendix A, “Protocol Filter Lists,” lists the protocols you can select for filtering on the management system’s Protocol Filters pages.

Appendix B, “Channels, Power Levels, and Antenna Gains,” lists channel sets used in the five main regulatory domains and the antenna and power-level combinations allowed in each regulatory domain.

Appendix C, “Event Log Messages,” defines event log error messages and recommends corrective action.

## Conventions

This publication uses the following conventions to convey instructions and information:

Command descriptions use these conventions:

- Commands and keywords are in **boldface** text.

Notes and cautions use the following conventions and symbols:



**Note**

---

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

---



**Caution**

---

Means *reader be careful*. In this situation, you might do something that could result in equipment damage or loss of data.

---

## Related Publications

The following documents provide more information about bridges and related products:

- *Quick Start Guide: Cisco Aironet 350 Series Bridges* describes how to attach cables, power on, and assign an IP address and default gateway for the bridge.
- *Cisco Aironet 350 Series Bridge Hardware Installation Guide* describes the bridge’s hardware features, its physical and performance characteristics, and how to install the bridge.
- *Release Notes for Cisco Aironet 350 Series Bridges* describes features and caveats for bridges running firmware release 11.06.
- *Cisco Secure Access Control Server for Windows 2000/NT Servers Version 2.6 User Guide* provides complete instructions for using Cisco Secure ACS, including steps for configuring Cisco Secure ACS to support bridges and access points.

- *Cisco CCNA Exam #640-507 Certification Guide*, available from CiscoPress.com, provides a thorough overview of the Spanning-Tree Protocol. Use the following URL to browse to CiscoPress.com:

<http://www.ciscopress.com/index.asp>

## Obtaining Documentation and Submitting a Service Request

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

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

