



Release Notes for Cisco Aironet Client Utility and Driver, Version 3.0 for Mac OS

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Introduction

This document describes system requirements and upgrade procedures for the following releases of Cisco Aironet client adapter software:

- Version 1.0.1 of the Cisco Aironet client utility for Mac OS X (10.1.x or 10.2.x)
- Version 1.0.2 of the PCI and PC card drivers for Mac OS X (10.1.x or 10.2.x)
- Version 1.0.3 of the Cisco Aironet client utility and driver for Mac OS 9.x
- Version 2.1.1 of the installer for the Cisco Aironet client utility and driver
- Version 3.0.0 of the installer for the Cisco Aironet client utility and driver

The client utilities, driver, and help files for both Mac OS X and Mac OS 9.x are released together in a single file entitled *MACOSInstallv30.sit*.

System Requirements

The Cisco Aironet client utility can only be used with the Cisco Aironet 340, 350, 4800, and CB20A wireless LAN client adapters.

Computer Requirements

This software requires a Macintosh system running Mac OS 9 or Mac OS X. The following systems are supported:

- Apple PowerMac G3 (Blue and White) or G4 (except G4 Cube)
- Apple PowerBook G3 Series 1998, G3 Series 1999, or G3 (with firewire)
- Apple PowerBook G4, or G4 (Gigabit Ethernet, 2nd and 3rd generations)



Note

See the [“Limitations and Restrictions”](#) section on page 6 for operating system restrictions.

Client Adapter Firmware Requirements

Cisco recommends the following client adapter firmware versions for this release:

Table 1 Recommended Firmware Versions

Client Adapter	Recommended Firmware
CB20A (5 GHz)	Version 5.01.02
340, 350, 4800 Series (2.4 GHz)	Version 4.25.30



Note

Using client adapters with earlier firmware versions may reduce functionality.

New Software Features in Release 3.0

This section describes the new features in release 3.0.

Support for 5-GHz Client Adapters

This release supports both 2.4-GHz and 5-GHz client adapters. The software and drivers automatically detect the type of client adapter that is installed.

New Desktop Controls

The Aironet desktop controls provide a convenient way to view client adapter status and initiate common client adapter tasks, such as location selection or LEAP logon. For the Mac OS X operating system, the desktop control is an icon in the main menu bar. For the Mac OS 9 operating system, the desktop control is a control strip module. The desktop controls are automatically installed with the client utility.

Multuser Support

The multuser feature makes it easier for multiple users to share a single computer. When LEAP security and multiple users are enabled, the client adapter logs off the wireless network when a user logs off, and prompts for a new username and password when a new user logs on.

Upgrading to a New Software Release

This section describes how to upgrade to the latest client utility and driver release.

Determining the Client Utility Version

To determine the version of the utility that your client adapter is currently using, follow the procedures listed for your operating system:

- If you are using Mac OS 9.x, select **Get Info** from the File drop-down menu. The utility and driver version are displayed in the Info Screen.
- If you are using Mac OS X, click **Client Utility** on the main menu bar and select **About Aironet Client Utility** from the drop-down menu. The Client Utility About screen displays the client utility and driver version number.

Downloading New Software

The latest software version for your client adapter is available for download at the Cisco Software Center web site. A single software installer supports both Mac OS 9 and Mac OS X.

To obtain the latest client adapter software from the Cisco Web site, follow these steps:

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- Step 1** Use your web browser to access the Cisco Software Center at the following URL:
<http://www.cisco.com/public/sw-center/sw-wireless.shtml>
 - Step 2** Using the onscreen instructions, navigate to the current release for your client adapter. For example, use the Aironet Wireless Software Selector to locate the files for your client adapter.
 - Step 3** Click on the software file name, such as MACOSInstallv30.sit. The 30 identifies the software package version number.



Note Make sure to select a software release that is compatible with your client adapter hardware and computer operating system. Each software version includes a description with compatibility information.

- Step 4** Read and accept the terms and conditions of the Software License Agreement.
 - Step 5** Click on the filename in the Software Download page.
 - Step 6** Save the file to your hard drive then exit the web browser.
 - Step 7** Double-click the utility installer (.sit) file to expand (uncompress) it.
-

Updating the Driver and Client Utility

Follow the instructions below to update the version of the client utilities and the client adapter driver for both the Mac OS 9 and the Mac OS X operating systems.



Note If a power failure occurs while you are loading new software, your client adapter can become inoperable. If this occurs, start the procedure again.

- Step 1** Double-click **Cisco WLAN Install** to activate the installer.



Note You should keep the Cisco WLAN Install file. You can use it later to uninstall your client utility and driver for a clean install.

- Step 2** For Mac OS X, when the Authenticate screen appears, enter your password in the Password field. Your Macintosh username appears in the Name field. Click **OK**.



Note For Mac OS X, you must have administrator privileges to install an updated client utility and driver.

- Step 3** When the Cisco Aironet Wireless LAN Adapter Software screen appears, click **Continue**.
- Step 4** Read the terms and conditions of the Software License Agreement and click **Accept** or **Decline**. If you decline the license agreement, the client utility installation ends.



Note You can print or save the software license agreement by clicking **Print** or **Save As**.

- Step 5** Read the Read Me screen information and click **Continue**.



Note You can print or save the read-me information by clicking **Print** or **Save As**.

- Step 6** When the Cisco WLAN Install screen appears, perform the following operations:

- a. Expand the software component list by clicking the right triangle to the left of name.



Note Both the PCI and PC Card drivers are normally installed by the installer. You can deselect one of the drivers by clicking the selection box to remove the X; for example, you can deselect the PCI driver when using a PowerBook, or you can deselect the PC Card driver when using a PowerMac.

- b. Click **Install** to begin the installation process.

- Step 7** When a screen appears indicating that you must restart your computer after installing the software, click **Continue**.



Note You can click **Cancel** to terminate the installation process.

- Step 8** A message appears indicating “One moment please...” then a screen appears that shows the installation progress. After the files are copied to the designated folder on the Macintosh hard disk, a screen appears:

- Step 9** If a message appears indicating that the installation was successful, click **Restart** to restart your computer and finish the client utility installation.



Note The installer program installs the client utility, the help files, and the drivers.

For client adapter configuration instructions, refer to the *Cisco Aironet Wireless LAN Client Adapters Installation and Configuration Guide for Mac OS*. For instructions on obtaining the document, refer to the [“Related Documentation” section on page 6](#).

- Step 10** If a message appears indicating that the installation is not necessary, click **Quit**. The installer has detected that your installed software is the same version as the software to be installed. To force the installer to install the new software, uninstall the current software and then repeat this procedure.
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Limitations and Restrictions

This release does not support the CB20A client adapter on the Mac OS 10.1 operating system:

Caveats

This release has the following open caveats:

Table 2 Outstanding caveats

Bug Number	Description
CSCin25042 CSCin26194	On a Mac G3 Powerbook running Mac OS 9.2.2, a PCM 340/350 radio may not obtain an IP address using DHCP. This can occur if MIC is enabled on the access point or after the computer resumes from the sleep mode.
CSCin27041	Transmit power levels are shown incorrectly for PCI340
CSCin28845	Not setting gateway address when changing from AdHoc to Infrastructure
CSCin28319	Client does not get IP address with MIC and different transmit keys
CSCin28920	Resetting CB20A with WEP on Mac OS 9.2.2 causes traffic to block

Getting Bug Information on Cisco.com

If you are a Cisco registered user, you can use the Cisco TAC Software Bug Toolkit, which consists of three tools (Bug Navigator, Bug Watcher, and Search by Bug ID Number) that help you identify existing bugs (or caveats) in Cisco software products.

Access the TAC Software Bug Toolkit today at the following URL:

<http://www.cisco.com/support/bugtools/>

Troubleshooting

For the most up-to-date, detailed troubleshooting information, refer to the Cisco TAC website at <http://www.cisco.com/tac>. Select **Wireless Technologies** under Top Issues.

The Aironet Client Adapter includes a troubleshooting tool that helps resolve common problems. For troubleshooting instructions, refer to the *Cisco Aironet Wireless LAN Client Adapters Installation and Configuration Guide for Mac OS* (see the following section).

Related Documentation

For more information about Cisco Aironet client adapters, refer to the following documents:

- *Cisco Aironet Wireless LAN Client Adapters Installation and Configuration Guide for Mac OS*

You can access this document on the Cisco web site at the following URL:

http://www.cisco.com/univercd/cc/td/doc/product/wireless/airo_350/350cards/mac/index.htm

Obtaining Documentation

These sections explain how to obtain documentation from Cisco Systems.

World Wide Web

You can access the most current Cisco documentation on the World Wide Web at this URL:

<http://www.cisco.com>

Translated documentation is available at this URL:

http://www.cisco.com/public/countries_languages.shtml

Documentation CD-ROM

Cisco documentation and additional literature are available in a Cisco Documentation CD-ROM package. The Documentation CD-ROM is updated monthly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual subscription.

Ordering Documentation

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Networking Products MarketPlace:
http://www.cisco.com/cgi-bin/order/order_root.pl
- Registered Cisco.com users can order the Documentation CD-ROM through the online Subscription Store:
<http://www.cisco.com/go/subscription>
- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, U.S.A.) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

You can submit comments electronically on Cisco.com. In the Cisco Documentation home page, click the **Fax** or **Email** option in the “Leave Feedback” section at the bottom of the page.

You can e-mail your comments to bug-doc@cisco.com.

You can submit your comments by mail by using the response card behind the front cover of your document or by writing to the following address:

Cisco Systems
Attn: Document Resource Connection
170 West Tasman Drive
San Jose, CA 95134-9883

We appreciate your comments.

Obtaining Technical Assistance

Cisco provides Cisco.com as a starting point for all technical assistance. Customers and partners can obtain online documentation, troubleshooting tips, and sample configurations from online tools by using the Cisco Technical Assistance Center (TAC) Web Site. Cisco.com registered users have complete access to the technical support resources on the Cisco TAC Web Site.

Cisco.com

Cisco.com is the foundation of a suite of interactive, networked services that provides immediate, open access to Cisco information, networking solutions, services, programs, and resources at any time, from anywhere in the world.

Cisco.com is a highly integrated Internet application and a powerful, easy-to-use tool that provides a broad range of features and services to help you with these tasks:

- Streamline business processes and improve productivity
- Resolve technical issues with online support
- Download and test software packages
- Order Cisco learning materials and merchandise
- Register for online skill assessment, training, and certification programs

If you want to obtain customized information and service, you can self-register on Cisco.com. To access Cisco.com, go to this URL:

<http://www.cisco.com>

Technical Assistance Center

The Cisco Technical Assistance Center (TAC) is available to all customers who need technical assistance with a Cisco product, technology, or solution. Two levels of support are available: the Cisco TAC Web Site and the Cisco TAC Escalation Center.

Cisco TAC inquiries are categorized according to the urgency of the issue:

- Priority level 4 (P4)—You need information or assistance concerning Cisco product capabilities, product installation, or basic product configuration.
- Priority level 3 (P3)—Your network performance is degraded. Network functionality is noticeably impaired, but most business operations continue.
- Priority level 2 (P2)—Your production network is severely degraded, affecting significant aspects of business operations. No workaround is available.
- Priority level 1 (P1)—Your production network is down, and a critical impact to business operations will occur if service is not restored quickly. No workaround is available.

The Cisco TAC resource that you choose is based on the priority of the problem and the conditions of service contracts, when applicable.

Cisco TAC Web Site

You can use the Cisco TAC Web Site to resolve P3 and P4 issues yourself, saving both cost and time. The site provides around-the-clock access to online tools, knowledge bases, and software. To access the Cisco TAC Web Site, go to this URL:

<http://www.cisco.com/tac>

All customers, partners, and resellers who have a valid Cisco service contract have complete access to the technical support resources on the Cisco TAC Web Site. The Cisco TAC Web Site requires a Cisco.com login ID and password. If you have a valid service contract but do not have a login ID or password, go to this URL to register:

<http://www.cisco.com/register/>

If you are a Cisco.com registered user, and you cannot resolve your technical issues by using the Cisco TAC Web Site, you can open a case online by using the TAC Case Open tool at this URL:

<http://www.cisco.com/tac/caseopen>

If you have Internet access, we recommend that you open P3 and P4 cases through the Cisco TAC Web Site.

Cisco TAC Escalation Center

The Cisco TAC Escalation Center addresses priority level 1 or priority level 2 issues. These classifications are assigned when severe network degradation significantly impacts business operations. When you contact the TAC Escalation Center with a P1 or P2 problem, a Cisco TAC engineer automatically opens a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to this URL:

<http://www.cisco.com/warp/public/687/Directory/DirTAC.shtml>

Before calling, please check with your network operations center to determine the level of Cisco support services to which your company is entitled: for example, SMARTnet, SMARTnet Onsite, or Network Supported Accounts (NSA). When you call the center, please have available your service agreement number and your product serial number.

This document is to be used in conjunction with the documents listed in the “[Related Documentation](#)” section.



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