



Release Notes for *Cisco Aironet Client Utility and Driver, Version 1.0.0 for Mac OS 10.1 and Version 1.0.2 for Mac OS 9.x*

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Introduction

This document describes system requirements, upgrade procedures, and caveats for Cisco Aironet client utility and driver release 1.0.0 for Macintosh OS X (version 10.1) and release 1.0.2 for Macintosh OS 9.x.

System Requirements

Cisco Aironet client utility can be used with only Cisco Aironet 340, 350, and 4800 Series Wireless LAN Adapters (PC cards, LM cards, and PCI client adapters) and one of the following Apple computers running the Mac OS X (version 10.1) or Mac OS 9.x operating systems:

- Apple PowerMac G3 (Blue and White) or G4 computer,
- Apple PowerBook G3 Series 1998, G3 Series 1999, G3 (with firewire), or G4 computer

Important Notes

For Mac OS 9.x, the Set LEAP Username and Password screen appears only when the Macintosh client utility is running. You must use the client utility to set the LEAP username and password.

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 pull-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 pull-down menu. The Client Utility About screen displays the client utility and driver version number.

Upgrade Procedure

Follow the instructions below to install or update the version of the client utilities and the client adapter driver for both the Mac OS 9.x and the Mac OS X (version 10.1) operating systems.



Note For Mac OS X, you must have administrator privileges to install or update the client utility and driver.

- Step 1** Boot up your computer.
- Step 2** To obtain the latest software package from the Cisco Web site, follow these steps:
- a. Use your web browser to access the following URL:
<http://www.cisco.com/pcgi-bin/tablebuild.pl/aironet-utils-mac>
 - b. Click on the latest software file (*MACOSInstallv2x.sit*) that supports both the Mac OS 9.x and the Mac OS X operating systems. The *2x* identifies the software package version number.
 - c. Read and accept the terms and conditions of the Software License Agreement.
 - d. Select the Cisco server from which to download the file.
 - e. Save the file to your hard drive then exit the web browser.
 - f. Double-click the *MACOSInstallv2x.sit* file to expand the file.
 - g. Double-click **Cisco WLAN Install** to activate the installer.



Note Keep the Cisco WLAN Install file; you might need it to uninstall your client utility and driver.

- Step 3** 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 You must have administrator privileges to install or update the client utility and driver.

- Step 4** When the Cisco Aironet Wireless LAN Adapter Software screen appears, click **Continue**.
- Step 5** 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 6** 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**.

The Cisco WLAN Installer detects your computer operating system and displays the appropriate installation screen for Mac OS 9.x or for Mac OS X.

- Step 7** When the Cisco WLAN Install screen appears, perform the following operations:
- a. Expand the Mac OS software component list by clicking the right triangle on the left of Mac OS 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 8** 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 9** 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 10** If a message appears indicating that the installation was successful, click **Restart** to restart your computer and finish the client utility installation.



Note The client utility, the help files, and the driver are installed by the installer.

- Step 11** 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.

Open Caveats for Mac OS X

The following caveats are open in the Macintosh OS X client utility and driver release 1.0.0.

FTP Put Is Very Slow

CSCdv59521—When using FTP to upload files (FTP puts) to an FTP server, the performance is very slow; however, the FTP downloading of files (FTP gets) from an FTP server is working correctly.

TFTP Performance Is Sporadic

CSCdv62319—When using TFTP to download or upload files, the performance is sporadic and ranges from very fast to very slow. Because of the slowness, the TFTP session can time out and terminate.

Some Auto Configuration Script Functions Do Not Work

CSCdv89990—One administrator auto configuration script function (*fw file*) does not work. The firmware file does not load into the client adapter.

About Aironet Client Utility Version Number Is Not Correct

CSCdw12175—When you select **About Aironet Client Utility** from the Client Utility pull-down menu on the main menu bar, the version information is not correct. The version number should be 1.0.0.

Setup Assistant Overlay Problems When Entering WEP Keys

CSCdw12195—When you enter more than 26 characters for a WEP key using the Setup Assistant, the warning message is displayed on top of the description for the type of keys (hex or ASCII).

Installation Fails When StartupItems Folder Is Not Available on Macintosh

CSCdw17724—The client utility installer for Mac OS X requires a folder called *StartupItems* to be in the */Library* folder on the root directory of the Macintosh hard drive. If the *StartupItems* folder is not available in the */Library* folder, the client utility software is not installed.

Workaround—If the *StartupItems* folder is not available in the */Library* folder of your Macintosh, create the folder manually, then run the client utility installer.

Open Caveats for Mac OS 9.x

The following caveats are open in the Macintosh OS 9.x client utility and driver release 1.0.2.

The Installer Crashes on Mac OS 9.0.4 When Installing or Uninstalling the Client Utility and Driver Software

CSCdw13085—When using the installer from the MACOSInstallv2.x.sit file to install or uninstall the client utility and driver software on Mac OS 9.0.4, the installer crashes because it needs a newer version of the Macintosh CarbonLib file.

Workaround—Replace the Mac OS 9.0.4 CarbonLib file with a newer version (CarbonLib version 1.4) from the Apple Support Web site before running the client utility installer. Follow the instructions below to replace the CarbonLib file in your Macintosh.

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- Step 1** Go to the Apple Support Web site at the following URL:
<http://www.apple.com/support/>
 - Step 2** Go to **Downloads**, search for **CarbonLib**, and download the CarbonLib 1.4 file to your Macintosh.
 - Step 3** Locate and double-click the **CarbonLib 1.4.smi** icon on your Macintosh.
 - Step 4** Double-click the **CarbonLib Installer** folder.
 - Step 5** Double-click **Installer** in the CarbonLib Installer folder.
 - Step 6** Read the Apple software license agreement and click **Agree** to continue or click **Disagree** to quit.
 - Step 7** Select the destination disk location and click **Install**.
 - Step 8** If a message appears indicating that the installation cannot take place while other applications are running, click **Continue**.
 - Step 9** When a message appears indicating that the installation was successful, click **Restart**.

The CarbonLib version 1.4 has been successfully installed on your Macintosh. You can now install or uninstall the client utility and driver software.

Resolved Caveats

The following caveats are resolved in Macintosh OS 9.x client utility and driver release 1.0.2.

Apple G4 Macintosh Desktop Does Not Recognize PCI352 Client Adapter

CSCdu27343—The Macintosh PCI client adapter driver does not load properly on Apple G4 Macintosh desktop units running MacOS 9.x. This caveat is resolved in version 1.0.2 of the Macintosh PCI client adapter driver.

Preferences May Not Be Loaded During Bootup For PCI Client Adapters

CSCdu39703—Under some circumstances, the preferences for PCI client adapters are not loaded automatically during bootup. This caveat is resolved in version 1.0.2 of the Macintosh PCI client adapter driver.

Location Manager Feature Does Not Work for Normal and Limited Users

CSCdu39702—The location manager feature does not work when used with multiple users other than the owner. This caveat is resolved in version 1.0.2 of the Macintosh client adapter drivers and version 1.0.2 of the Macintosh client utility.

Bad Radio Firmware Causes the Computer to Appear to Hang When the Application Is Run

A client adapter with bad radio firmware causes the computer to appear to hang when the application is run. This caveat is resolved in version 1.0.2 of the Macintosh client adapter drivers.

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/>

Documentation Updates

This section describes changes and additions to the documents listed in the “Related Documentation” section.

Restart Card Option on Mac OS 9.x

Whenever you disable LEAP, the client adapter is automatically reinitialized, causing the firmware to load any saved WEP keys from Flash memory into RAM. This feature ensures the client adapter uses a WEP key that was set in the WEP Keys screen of the Macintosh client utility, instead of one assigned during LEAP authentication, when LEAP is disabled.

In addition, the Restart Card option has been added to the File pull-down menu of the Macintosh client utility. With this option, you can reinitialize the client adapter at any time.

Location Manager Module on Mac OS 9.x

The location manager feature of the Macintosh operating system allows you to save a set of preferences (or a *location*) for a specified application. This feature has been modified to allow configuration settings for the client adapter to be saved so that you can easily switch between configurations for different locations (such as the office and home) without having to reset individual configuration parameters. This feature, called the *location manager module*, is installed with the client utility.

Follow the instructions below to set up a location using this feature on Mac OS 9.x.

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- Step 1** Select the **apple** icon in the menu bar.
 - Step 2** Select **Control Panels > Location Manager**.
 - Step 3** Select **File** in the menu bar.
 - Step 4** Select **New Location** and enter a name for the location in the Name New Location field. Click **Save**.
 - Step 5** In the Location Manager window, select **Cisco Wireless LAN** in the Settings menu and click **Apply**.
 - Step 6** Select **File** in the menu bar and **Save Location** to save the current settings of the client adapter.
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To switch locations, you can use the control strip in the bottom right-hand corner of the display or follow the steps below:

-
- Step 1** Select the **apple** icon in the menu bar.
 - Step 2** Select **Control Panels > Location Manager**.
 - Step 3** In the Location Manager window, select the location to which you want to switch in the Current Location menu. A message appears indicating that switching locations was successful. Click **OK**.
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Macintosh Driver Support for PCI Client Adapters

Cisco Aironet PCI client adapters are supported for use with PowerMac G3 (Blue and White) and G4 desktop computers.

The instructions in the *Cisco Aironet Wireless LAN Adapters Installation and Configuration Guide* for installing the driver apply to both PC cards and PCI client adapters. However, the following exceptions should be noted:

- On PowerMac G3 computers, the PCI client adapter is referred to as “Ethernet slot JXX.” On PowerMac G4 computers, the PCI client adapter is referred to as “Ethernet slot SLOT XX.”
- To physically install a Cisco Aironet PCI client adapter in your PowerMac G3 or G4, follow the instructions for installing a PCI expansion card in the user guide that accompanied your computer. After the adapter is installed, follow the instructions in the *Cisco Aironet Wireless LAN Adapters Installation and Configuration Guide* to install the driver.

Troubleshooting

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

Related Documentation

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

- *Cisco Aironet Wireless LAN Adapters Installation and Configuration Guide*

You can access the *Cisco Aironet Wireless LAN Adapters Installation and Configuration Guide* at the following URL:

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

Obtaining Documentation

The following 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 the following URL:

<http://www.cisco.com>

Translated documentation is available at the following 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 shipped separately from the Cisco Aironet Wireless LAN Adapters. The Documentation CD-ROM is updated monthly. The CD-ROM package is available as a single unit or through an annual subscription.

Ordering Documentation

Cisco documentation is available in the following ways:

- Registered 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 corporate headquarters (California, USA) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

If you are reading Cisco product documentation on Cisco.com, you can submit technical comments electronically. Click **Leave Feedback** at the bottom of the Cisco Documentation home page. After you complete the form, print it out and fax it to Cisco at 408 527-0730.

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

To submit your comments by mail, use the response card behind the front cover of your document, or write 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 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 to

- 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

You can self-register on Cisco.com to obtain customized information and service. To access Cisco.com, go to the following URL:

<http://www.cisco.com>

Technical Assistance Center

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

Inquiries to Cisco TAC 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.

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

Cisco TAC Web Site

The Cisco TAC Web Site allows you 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 the following URL:

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

All customers, partners, and resellers who have a valid Cisco services 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 the following URL to register:

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

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

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

If you have Internet access, it is recommended that you open P3 and P4 cases through the Cisco TAC Web Site.

Cisco TAC Escalation Center


The Cisco TAC Escalation Center addresses issues that are classified as priority level 1 or priority level 2; 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 will automatically open a case.

To obtain a directory of toll-free Cisco TAC telephone numbers for your country, go to the following 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). In addition, 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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