



Release Notes for Cisco Aironet Client Utilities, Version 4.15.015 for Windows

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Introduction

This document describes system requirements, upgrade procedures, new and changed information, and caveats for the 4.15.015 release of the Cisco Aironet client utilities for Windows (Aironet Client Utility [ACU], Client Encryption Manager [CEM], and Link Status Meter [LSM]). This release includes the new information discussed on page 3 and resolves the caveats listed in the “Resolved Caveats” section on page 4.



System Requirements

Release 4.15.015 of the Cisco Aironet client utilities can be used with only Cisco Aironet 340 and 350 Series Wireless LAN Adapters (PC cards, LM cards, and PCI client adapters) and must be installed only on computers using one of the following operating systems: Windows 95, 98, NT, 2000, Me, or XP.

Client utility release 4.15.015 must be used with driver version 6.97 or greater and firmware version 4.25.10 or greater.

Upgrading to a New Client Utility Release

This section describes how to upgrade to client utility release 4.15.015.

Determining the Client Utility Release

From the client utility's Help pull-down menu, select **About** to determine the release of the utility that you are using.

Upgrade Procedure

Follow the steps below to upgrade your current version of the Cisco Aironet client utilities.

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- Step 1** Use your web browser to access the following URL:
<http://www.cisco.com/public/sw-center/sw-wireless.shtml>
 - Step 2** Under Cisco Aironet Drivers & Utilities, select **For Windows**.
 - Step 3** Click **ACUv415015.exe**.
 - Step 4** Read and accept the terms and conditions of the Software License Agreement.
 - Step 5** Select the Cisco server from which to download the file.
 - Step 6** Save the file to your hard drive and unzip it.
 - Step 7** Double-click **setup.exe**. One of two Welcome screens appears, depending on your current version of the client utilities.
 - If the Welcome screen for the Aironet Client Utility setup maintenance program appears, select **Upgrade** and click **Next**; click **Finish**.
 - If the Welcome screen for the Aironet Client Utility setup program appears, follow the instructions in the "Installing the Client Utilities and Enabling LEAP or EAP" section of the *Cisco Aironet Wireless LAN Adapters Hardware Installation Guide*, beginning with Step 4. You can access this section of the hardware installation guide from the following URL:
http://www.cisco.com/univercd/cc/td/doc/product/wireless/airo_350/350cards/windows/hig/pc_ch3.htm



Note If you elect not to install LEAP during the initial installation process, you must run the Aironet Client Utility setup program again and select **Modify** and the **LEAP** option if you ever want to enable LEAP. The LEAP checkbox in ACU is grayed out until LEAP is installed.



Note If you want icons for the client utilities to appear on your desktop after installation, select the **Create Shortcut Icons on Desktop** checkbox and click **Next** on the Desktop Icons screen.



Note If your operating system is Windows NT, you are using Novell Client, and LEAP is enabled, two login screens appear. The first prompts you for your LEAP username and password, and the second prompts you for your network login.

Using the Client Utilities

For instructions on using the client utilities for Cisco Aironet 340 and 350 Series Wireless LAN Adapters, access the *Cisco Aironet Wireless LAN Adapters Software Configuration Guide* at the following URL:

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

Then click the link for the section that pertains to the operating system you are using.

New and Changed Information

Microsoft Hot Fix

If your computer is running Windows 95 or 98 and your client adapter is using LEAP authentication, you need to install the 241052usa5.exe file or the 241052usa8.exe file, both of which are available from Cisco.com in a hotfix.zip file. These *.exe files contain a hot fix from Microsoft that is designed to resolve a problem related to the use of LEAP. You can obtain a description of this hot fix and the problem it resolves at the following Microsoft URL:

<http://support.microsoft.com/support/kb/articles/Q247/8/05.asp>

Follow the steps below to install the hot fix.

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- Step 1** Use your web browser to access the following URL:
<http://www.cisco.com/public/sw-center/sw-wireless.shtml>
 - Step 2** Under Cisco Aironet Drivers & Utilities, select **For Windows**.
 - Step 3** Click **ACUv415015hotfix.zip**.
 - Step 4** Read and accept the terms and conditions of the Software License Agreement.
 - Step 5** Select the Cisco server from which to download the file.
 - Step 6** Save the file to your hard drive and unzip it.

Step 7 Perform one of the following:

- If your computer is running Windows 98, run the 241052usa8.exe file to install the hot fix.
- If your computer is running Windows 95 retail release (version 4.00.950) or OSR1 (version 4.00.950 A), install the Secupd.exe file; then install the 241052usa5.exe file.
- If your computer is running Windows 95 OEM Service Release 2 or 2.1 (version 4.00.950 B), install the Secupd2.exe file; then install the 241052usa5.exe file.



Note

Only the English version of the hot fix is installed. Foreign language versions of these operating systems require a hot fix specific to those languages. Contact Microsoft Product Support Services to obtain the hot fix for languages other than English.

New ACU Installation Option

The Desktop Icons screen has been added to the Aironet Client Utility setup program. This screen allows you to select whether you want icons for the client utilities to appear on your desktop after installation. To add the icons to your desktop, select the **Create Shortcut Icons on Desktop** checkbox and click **Next**. The checkbox is deselected by default.

Enable Auto Configuration Switching Option Is Not Operational

The Enable Auto Configuration Switching option, which is located on the System Parameters screen in ACU, is not operational in ACU release 4.15.015. This feature will be available in a future release of ACU.

Caveats

This section describes resolved and open caveats for Windows client utility release 4.15.015.

Resolved Caveats

The following caveats are resolved by Windows client utility release 4.15.015.

Post-Login Scripts Fail after LEAP Login

When a client logs in with LEAP, the post-login scripts fail to execute (CSCdu17086). If you log in and log out a few times, the scripts will load. This caveat is resolved in client utility release 4.15.015.

Problems Logging in with LEAP on Windows NT

The LEAP login works correctly on computers running Windows NT until the client adapter is removed. When the computer is shut down and the client adapter is removed, you will experience difficulty logging in with LEAP after re-inserting the adapter and rebooting the computer (CSCdu49479). This caveat is resolved in client utility release 4.15.015.

Uninstall of ACU Version 4.15.006 Causes Blue Screen Crash

When you uninstall ACU version 4.15.006 on a computer running Windows 2000 with LEAP enabled, a blue screen crash occurs (CSCdv24110). This caveat is resolved in client utility release 4.15.015.

No Login Prompt

No login prompt appears when the following conditions are present (CSCds84477):

- Your computer is running Windows 2000 or Me.
- LEAP is installed on the client.
- The client is running ACU version 4.13 or greater.
- The client adapter has been ejected, then reinserted.

This caveat is resolved in client utility release 4.15.015.

Open Caveats

The following are known problems for Windows client utility release 4.15.015.

ACU Displays MAC Address Rather Than IP Address of the Access Point

When LEAP is enabled, the status bar at the bottom of the ACU screen usually displays the MAC address, rather than the IP address, of the access point to which the client is associated. The access point does not update clients with the IP address it obtains during DHCP. However, it does send out the correct IP address if the client associates after the access point obtains its IP address (CSCdu53528).

IP Address Is Lost When Computer Resumes from Suspend Mode

When a computer running Windows 2000 resumes from suspend mode while using LEAP, the IP address is lost (CSCdv16435).

340 Series PCI Card Does Not Save ACU Settings to Registry

When a 340 series PCI card is installed in a computer running Windows 95, ACU settings are not stored in the registry (CSCdv51473).

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 to identify existing bugs (or caveats) in Cisco software products.

Access the TAC Software Bug Toolkit today at: <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.

Documentation Updates

This section describes changes and additions to the documents listed in the “Related Documentation” section on page 6.

Viewing Current Link Speed in the ACU Status Screen

ACU’s Status screen displays the real-time link speed of the client adapter only when packets are being transmitted. When the client adapter is idle, the Status screen displays the link speed as 11 Mbps.

Default Value for Use Short Radio Headers

In ACU’s RF Network screen, the default value for Use Short Radio Headers is Selected.

Related Documentation

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

- *Quick Start Guide: Cisco Aironet Wireless LAN Adapters*
- *Cisco Aironet Wireless LAN Adapters Hardware Installation Guide*
- *Cisco Aironet Wireless LAN Adapters Software Configuration Guide*

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 CD-ROM package shipped separately from the Cisco Aironet Series Wireless LAN Adapters CD that shipped with your product. 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 as 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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