



Release Notes for Cisco Aironet 802.11a/b/g (CB21AG and PI21AG) Client Administration Utility (ACAU) Version 1.0

January 2004

These release notes describe caveats for the Aironet Client Adapters Administration Utility (ACAU) version 1.0.

Contents

- [Introduction, page 2](#)
- [Important Notes, page 2](#)
- [System Requirements, page 2](#)
- [Obtaining ACAU Software, page 3](#)
- [Installing ACAU Software, page 3](#)
- [Determining the Software Version, page 5](#)
- [Limitations and Restrictions, page 5](#)
- [Caveats, page 6](#)
- [Troubleshooting, page 6](#)
- [Related Documentation, page 7](#)
- [Obtaining Documentation, page 7](#)
- [Documentation Feedback, page 8](#)
- [Obtaining Technical Assistance, page 8](#)
- [Obtaining Additional Publications and Information, page 9](#)



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Introduction

ACAU is a utility used by administrators to configure administrative overrides and create profiles for users who install CB21AG and PI21AG wireless client adapters in PCs running Windows 2000 or Windows XP operating systems. The overrides and profiles are stored in configuration files that are loaded into the Aironet Desktop Utility (ADU) Install Wizard. Once a user installs the drivers and ADU for their client adapter, the Install Wizard uses the instructions in the configuration file to preconfigure ADU user settings and load one or more user profiles.

Using ACAU, an administrator can perform the following operations:

- Determine and configure the setup options for the ADU software
- Set ADU user functions
- Create preconfigured user profiles for a user or group of users

System Requirements

Generally, the system requirements for ACAU are the same as the client adapter:

- A computer running the Windows 2000 or XP operating system



Note Cisco recommends a 300-MHz (or greater) processor.

- Service Pack 1 for Windows XP
- 20 MB of free hard disk space (minimum)
- 128 MB of RAM or greater (recommended)
- If the wireless network uses EAP-TLS or PEAP authentication, the following must be on the user's PC:
 - Certificate of Authority (CA) and user certificates for EAP-TLS authentication or CA certificate for PEAP authentication
- If the wireless network uses PEAP (EAP-GTC) authentication with a One-Time Password (OTP) user database, the following must be on the user's PC:
 - A hardware token device from OTP vendors or Secure Computing SoftToken program (release 2.1 or later)

Important Notes

Cisco Aironet Software Requires Completion of Encryption Authorization Form

In order to access Cisco Aironet software from the Software Center on Cisco.com, you must now fill out a form to receive authorization to download encrypted software. Registered Cisco.com users are required to fill out the form only once, while public users must do so once for each session, each time software is downloaded. A form is automatically created for public users. The form for Registered Cisco.com users is located at the following URL: https://www.cisco.com/cgi-bin//Software/Crypto/crypto_main.pl.

Software Compatibility

ACAU version 1.0 supports the following products:

- **PC-Cardbus card** (model number: AIR-CB21AG)
- **PCI card** (model number: AIR-PI21AG)

Obtaining ACAU Software

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

-
- Step 1** Use your web browser to go to the Cisco Software Center at the following URL:
<http://www.cisco.com/public/sw-center/sw-wireless.shtml>
 - Step 2** Select **Option #2: Aironet Wireless Software Display Tables**.
 - Step 3** Select **Cisco Aironet Wireless LAN Client Adapters**.
 - Step 4** Scroll down to the Windows System Administration Tool and select **Aironet Client Administration Utility (CB21AG and PI21AG)**. The Software Download page appears.
 - Step 5** Click **ACAU-vxxx.exe**. The Software Download Encryption Authorization Form appears.
 - Step 6** Complete the encryption authorization form and click **Submit**. The Software License Agreement page appears.
 - Step 7** If you agree with the terms of the agreement, click **Accept**. Otherwise, click **Decline** to cancel the download. The Software Download page appears.
 - Step 8** Click **ACAU-vxxxx.exe**.
 - Step 9** Save the file to a folder you specify.

Installing ACAU Software

This section describes a typical installation process when you are installing the ACAU on your PC for the first time.

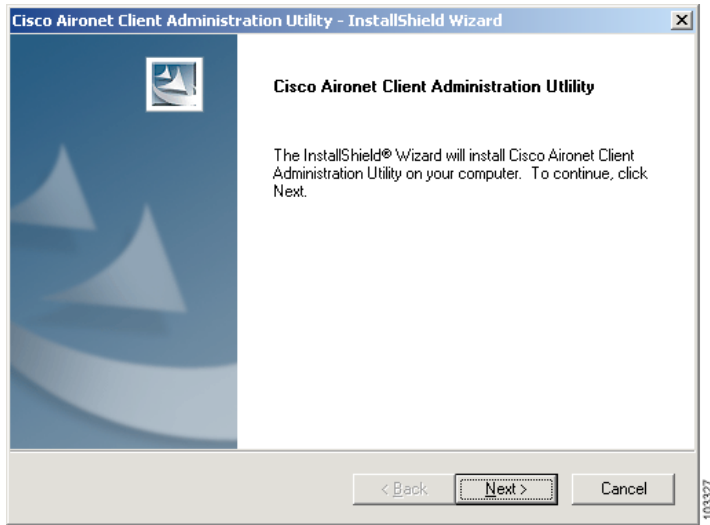


Note The steps below describe the installation process using Windows 2000. The installation screens for Windows XP differ slightly, but the installation process is the same.

Follow the steps below to install ACAU on your PC for the first time:

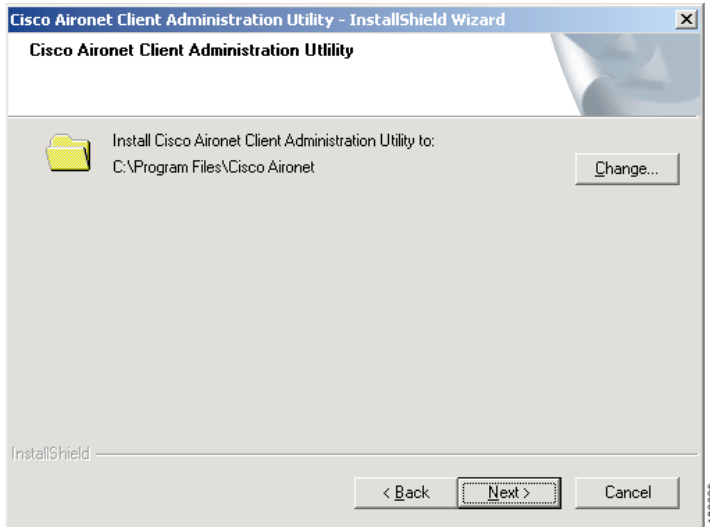
-
- Step 1** On the Windows taskbar Click **Start > Run**. The Run window appears.
 - Step 2** Browse to the location where you downloaded the software.
 - Step 3** Click **Setup.exe**.
 - Step 4** Click **Open**. The Run window reappears showing the path you specified in Step 2.
 - Step 5** Click **OK**. The ACAU - InstallShield Wizard window appears ([Figure 1](#)).

Figure 1 ACAU - InstallShield Wizard Window



Step 6 Click click **Next**. The next installation window appears showing you the default location to which the ACAU will be installed ([Figure 2](#)).

Figure 2 ACAU installation location Window

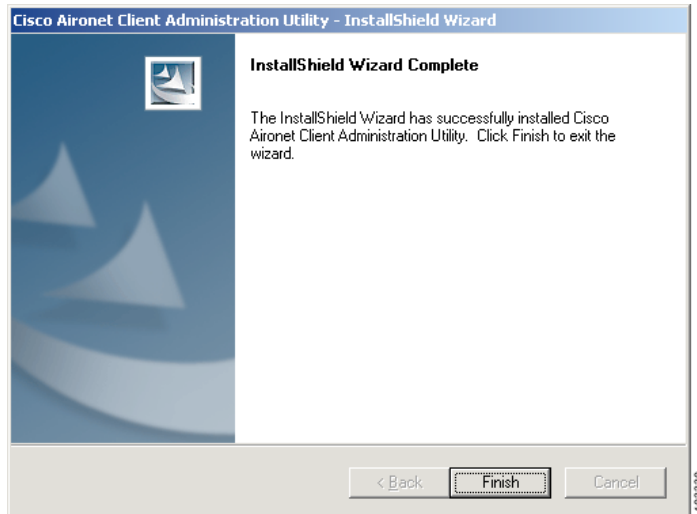


Note If you want to change the default location, click **Change** and browse to the location of your choice, select it, and click **Next**.

Step 7 Click **Next** to accept the default location and begin the installation process.

Step 8 When the ACAU is installed, the Installation Wizard Complete window appears ([Figure 3](#)).

Figure 3 Installation Wizard Complete Window



Step 9 Click **Finish**. The installation is complete.

Determining the Software Version

Follow these steps to determine the ACAU software version:

- Step 1** Open ACAU. The Cisco Aironet Client Administration Utility Window appears.
- Step 2** Click **Help**.
- Step 3** From the pull-down menu, click **About...** The About ACAU window containing the version number appears.
- Step 4** Click **OK** to return to the Cisco Aironet Client Administration Utility Window.

Limitations and Restrictions

Compatibility With Client Adapters

ACAU is compatible with the Cisco Aironet CB21AG and PI21AG client adapters. The ACAU software is incompatible with other Cisco Aironet client adapter software.

The Aironet Desktop Utility (ADU) must be used with CB21AG and PI21AG cards, and the Aironet Client Utility (ACU) must be used with all other Cisco Aironet client adapters.

Silent Install Reboot Options

Version 1.0 does not provide a reboot option when a silent installation is selected in the Global Settings section. Regardless of the type of installation selected in ACAU, the user is always prompted to click **OK** to reboot the system. Future ACAU versions will provide a silent install reboot option.

Caveats

This section lists open software issues in ACAU version 1.0.

Open Caveats

The following caveat has not been resolved in version 1.0:

- CSCed01662—Profile created in ACAU does not append to existing profile in *ciscoadminconfig.dat* file.

The problem occurs when an ACAU generated configuration file is used to install the driver and ADU on a client's system after a user has created profiles using ADU. When the user reinstalls the driver and ADU using the modified configuration file and selecting the **Update the Previous Version** option, the profile generated by ACAU profile does not appear in the ADU's profile list.

Workaround—Select the **Uninstall the Previous Installation** option and reinstall the ADU and driver.

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 at the following URL:

http://cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl

Troubleshooting

For the most up-to-date, detailed troubleshooting information, refer to the Cisco TAC website at

<http://www.cisco.com/en/US/support/index.html>

Click **Hardware Support > Wireless Devices**. Then choose your product and **Troubleshooting** to find information on the problem you are experiencing.

Related Documentation

For information about Cisco Aironet CB21AG and PI21AG client adapters and the ACAU, refer to the following documents:

- *Cisco Aironet 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG) Installation and Configuration Guide*
- *Cisco Aironet 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG) Administration Utility Administrator Guide*

These documents are available at Cisco.com:

<http://www.cisco.com/univercd/cc/td/doc/product/wireless/cb21ag/acau/index.htm>

Obtaining Documentation

Cisco provides several ways to obtain documentation, technical assistance, and other technical resources. These sections explain how to obtain technical information from Cisco Systems.

Cisco.com

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

<http://www.cisco.com/univercd/home/home.htm>

You can access the Cisco website at this URL:

<http://www.cisco.com>

International Cisco websites can be accessed from 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, which may have shipped with your product. The Documentation CD-ROM is updated regularly and may be more current than printed documentation. The CD-ROM package is available as a single unit or through an annual or quarterly subscription.

Registered Cisco.com users can order a single Documentation CD-ROM (product number DOC-CONDOCCD=) through the Cisco Ordering tool:

http://www.cisco.com/en/US/partner/ordering/ordering_place_order_ordering_tool_launch.html

All users can order annual or quarterly subscriptions through the online Subscription Store:

<http://www.cisco.com/go/subscription>

Click Subscriptions & Promotional Materials in the left navigation bar.

Ordering Documentation

You can find instructions for ordering documentation at this URL:

http://www.cisco.com/univercd/cc/td/doc/es_inpk/pdi.htm

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/en/US/partner/ordering/index.shtml>

- Nonregistered Cisco.com users can order documentation through a local account representative by calling Cisco Systems Corporate Headquarters (California, USA) at 408 526-7208 or, elsewhere in North America, by calling 800 553-NETS (6387).

Documentation Feedback

You can submit e-mail comments about technical documentation to bug-doc@cisco.com.

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

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

We appreciate your comments.

Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, the Cisco Technical Assistance Center (TAC) provides 24-hour-a-day, award-winning technical support services, online and over the phone. Cisco.com features the Cisco TAC website as an online starting point for technical assistance. If you do not hold a valid Cisco service contract, please contact your reseller.

Cisco TAC Website

The Cisco TAC website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The Cisco TAC website is available 24 hours a day, 365 days a year. The Cisco TAC website is located at this URL:

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

Accessing all the tools on the Cisco TAC website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a login ID or password, register at this URL:

<http://tools.cisco.com/RPF/register/register.do>

Opening a TAC Case

Using the online TAC Case Open Tool is the fastest way to open P3 and P4 cases. (P3 and P4 cases are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Case Open Tool automatically recommends resources for an immediate solution. If your issue is not resolved using the recommended resources, your case will be assigned to a Cisco TAC engineer. The online TAC Case Open Tool is located at this URL:

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

For P1 or P2 cases (P1 and P2 cases are those in which your production network is down or severely degraded) or if you do not have Internet access, contact Cisco TAC by telephone. Cisco TAC engineers are assigned immediately to P1 and P2 cases to help keep your business operations running smoothly.

To open a case by telephone, use one of the following numbers:

Asia-Pacific: +61 2 8446 7411 (Australia: 1 800 805 227)

EMEA: +32 2 704 55 55

USA: 1 800 553-2447

For a complete listing of Cisco TAC contacts, go to this URL:

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

TAC Case Priority Definitions

To ensure that all cases are reported in a standard format, Cisco has established case priority definitions.

Priority 1 (P1)—Your network is “down” or there is a critical impact to your business operations. You and Cisco will commit all necessary resources around the clock to resolve the situation.

Priority 2 (P2)—Operation of an existing network is severely degraded, or significant aspects of your business operation are negatively affected by inadequate performance of Cisco products. You and Cisco will commit full-time resources during normal business hours to resolve the situation.

Priority 3 (P3)—Operational performance of your network is impaired, but most business operations remain functional. You and Cisco will commit resources during normal business hours to restore service to satisfactory levels.

Priority 4 (P4)—You require information or assistance with Cisco product capabilities, installation, or configuration. There is little or no effect on your business operations.

Obtaining Additional Publications and Information

Information about Cisco products, technologies, and network solutions is available from various online and printed sources.

- The Cisco Product Catalog describes the networking products offered by Cisco Systems, as well as ordering and customer support services. Access the Cisco Product Catalog at this URL:

http://www.cisco.com/en/US/products/products_catalog_links_launch.html

- Cisco Press publishes a wide range of general networking, training and certification titles. Both new and experienced users will benefit from these publications. For current Cisco Press titles and other information, go to Cisco Press online at this URL:

<http://www.ciscopress.com>

- Packet magazine is the Cisco quarterly publication that provides the latest networking trends, technology breakthroughs, and Cisco products and solutions to help industry professionals get the most from their networking investment. Included are networking deployment and troubleshooting tips, configuration examples, customer case studies, tutorials and training, certification information, and links to numerous in-depth online resources. You can access Packet magazine at this URL:
<http://www.cisco.com/packet>
- iQ Magazine is the Cisco bimonthly publication that delivers the latest information about Internet business strategies for executives. You can access iQ Magazine at this URL:
<http://www.cisco.com/go/iqmagazine>
- Internet Protocol Journal is a quarterly journal published by Cisco Systems for engineering professionals involved in designing, developing, and operating public and private internets and intranets. You can access the Internet Protocol Journal at this URL:
http://www.cisco.com/en/US/about/ac123/ac147/about_cisco_the_internet_protocol_journal.html
- Training—Cisco offers world-class networking training. Current offerings in network training are listed at this URL:
<http://www.cisco.com/en/US/learning/index.html>

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