



# Release Notes for Cisco Aironet 802.11a/b/g (CB21AG and PI21AG) Client Administration Utility (ACAU) 2.6

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**Corporate Headquarters:**  
**Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA**

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# Introduction

This document describes system requirements, important notes, installation and upgrade procedures, and caveats for Cisco Aironet Client Administration Utility (ACAU) version 2.6.

ACAU is a utility used by administrators to set software installation options and create *profiles* (saved configurations) for users who install Cisco Aironet CB21AG and PI21AG Wireless LAN Client Adapters in computers running the Windows 2000 or Windows XP operating system. Administrators save the installation settings and profiles to a configuration file. Then when the user installs the client adapter software (driver and client utilities), the Install Wizard uses the instructions in the configuration file to govern the installation and setup of the client utilities and load one or more preconfigured user profiles. Administrators can create configuration files to control the installation and configuration of client adapters for one user or groups of users.

**Note**

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To ensure proper operation, use ACAU 2.6 only with client adapter Install Wizard 2.6.

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## System Requirements

You need the following items in order to install and use ACAU 2.6:

- A computer running the Windows 2000 or XP operating system

**Note**

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

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**Note**

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Windows XP support does not include Windows XP Embedded.

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- Service Pack 2 for Windows XP
- 20 MB of free hard disk space (minimum)
- 128 MB of RAM or greater (recommended)

## Important Notes

### Software Compatibility

ACAU 2.6 is compatible with only the Cisco Aironet CB21AG and PI21AG client adapters.

### Installing the Novell Client

To ensure proper operation, the Novell Client (if used) must be installed on the user's computer prior to the client adapter software.

## Name and Location of Configuration File

You can change the name of the ACAU configuration file; however, the name must be changed back to *CiscoAdminConfig.dat* before the user runs the Install Wizard. Otherwise, the Install Wizard does not load the configuration file.

You must also save the configuration file to the drive and directory in which the Install Wizard resides. If you save the file to any other location, it is not processed by the Install Wizard.

## Host Based EAP Profiles Created with Earlier ACAU Versions

If you created a Host Based EAP profile using ACAU 1.2 or 1.3 and import it for use with ACAU 2.6, it is designated as an EAP-FAST profile in ACAU 2.6. To change it, you must manually reconfigure the profile for Host Based EAP.

## Finding the Software Version

Follow these steps to find the ACAU software version.

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- Step 1** Double-click the **Aironet Client Administration Utility** icon on your Windows desktop to open ACAU. The Cisco Aironet Client Administration Utility window appears.
  - Step 2** Choose **About** from the Help drop-down menu. The About ACAU window shows the ACAU version number.
  - Step 3** Click **OK** to return to the Cisco Aironet Client Administration Utility window.
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## Obtaining ACAU

Follow these steps to obtain the latest version of ACAU from Cisco.com.

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- Step 1** Use your computer's web browser to access the following URL:  
<http://tools.cisco.com/support/downloads/pub/MDFTree.x?butype=wireless>
  - Step 2** Click **Wireless LAN Access**.
  - Step 3** Click **Cisco Wireless LAN Client Adapters**.
  - Step 4** Click **Cisco Aironet Wireless LAN Client Adapters Tools for System Administrators**.
  - Step 5** Click **Cisco Aironet CB21AG/PI21AG Wireless LAN Client Adapter Tools**.
  - Step 6** Click **Aironet Client Administration Utility (ACAU)**.
  - Step 7** Click **2.6**.
  - Step 8** Click the executable file (\*.exe) that appears on your screen.

- Step 9** Click **Download**.
- Step 10** Read the software download rules and click **Agree**.
- Step 11** Save the file to your computer's hard drive.

## Installing ACAU

Follow these steps to install ACAU on your computer for the first time.

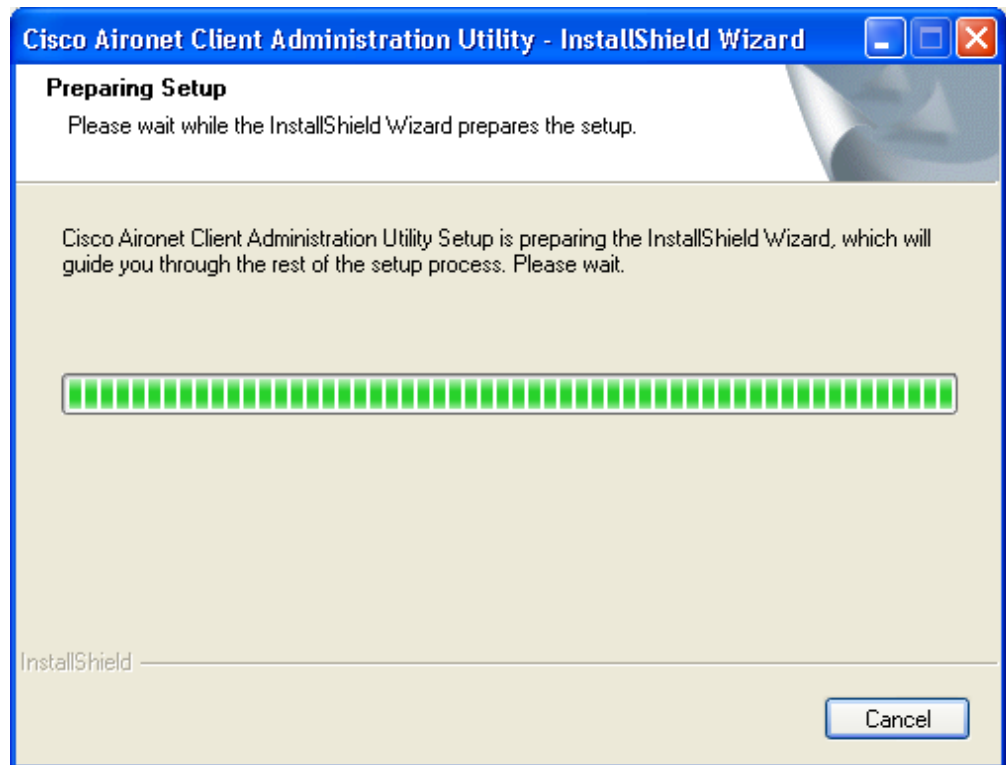


### Note

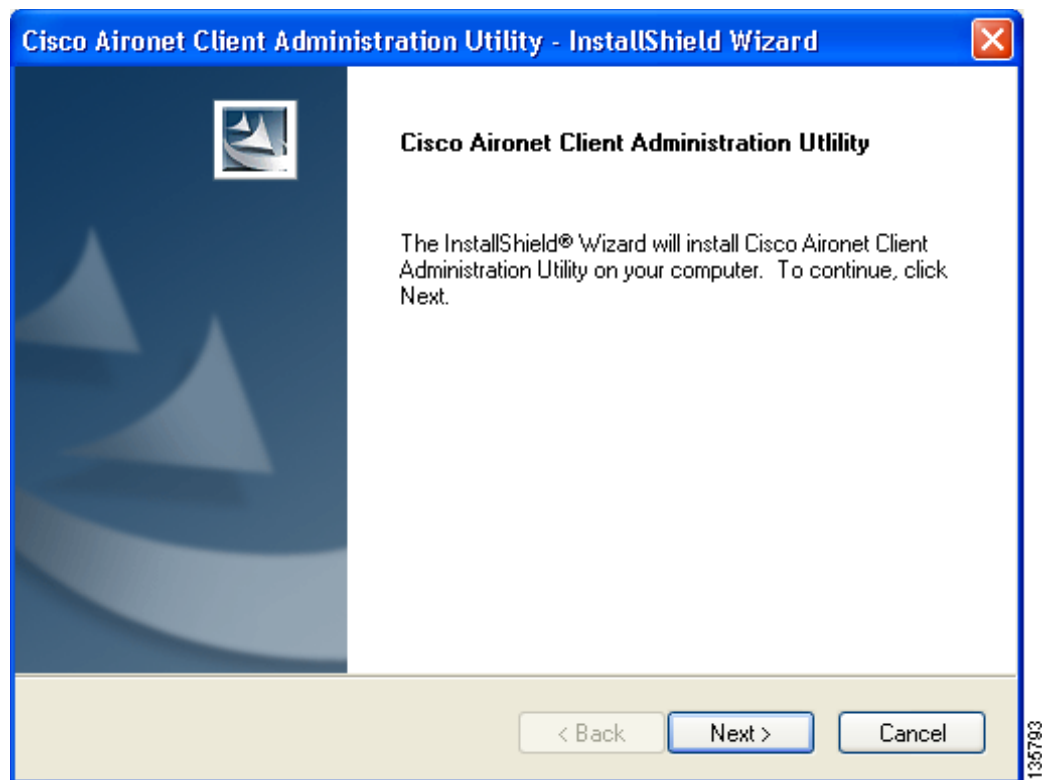
If you are upgrading to a new version of ACAU, follow the instructions in the [“Upgrading ACAU” section on page 8](#).

- Step 1** On the Windows taskbar, click **Start > Run**. The Run window appears.
- Step 2** Browse to the location to which you downloaded the software.
- Step 3** Click **acau-v26.exe**.
- Step 4** Click **Open**. The Run window reappears showing the path you specified in Step 2.
- Step 5** Click **OK**. The Preparing Setup window appears followed by the InstallShield Wizard window (see [Figure 1](#) and [Figure 2](#)).

**Figure 1** *Preparing Setup Window*

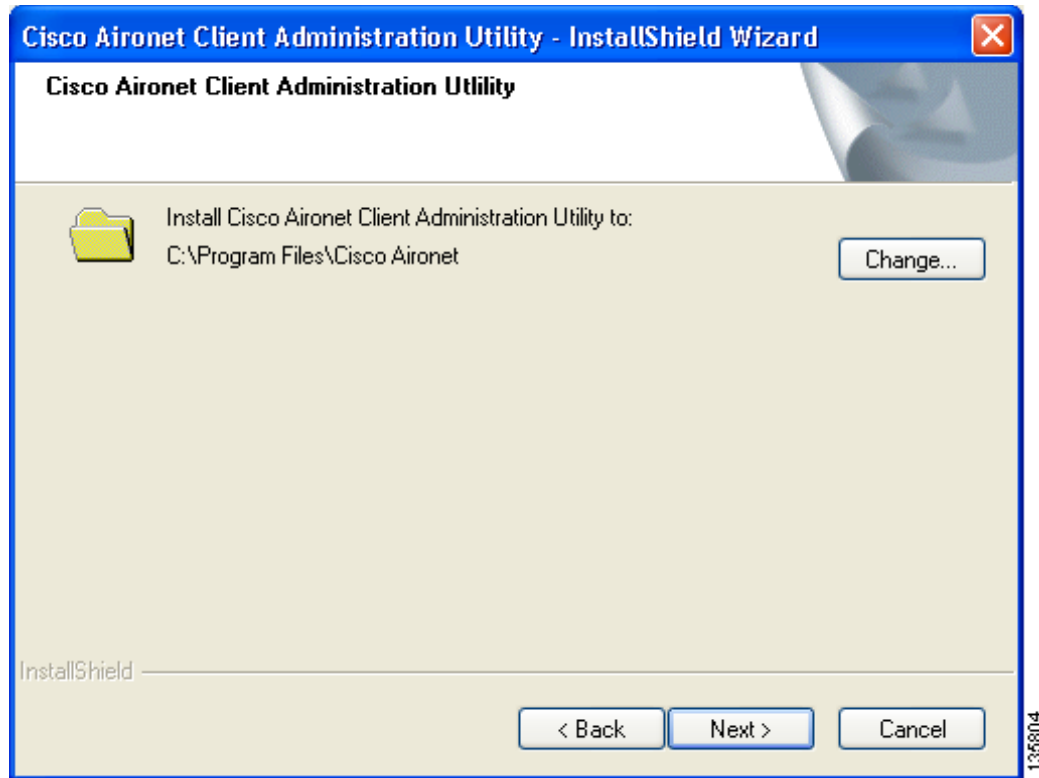


**Figure 2** InstallShield Wizard Window



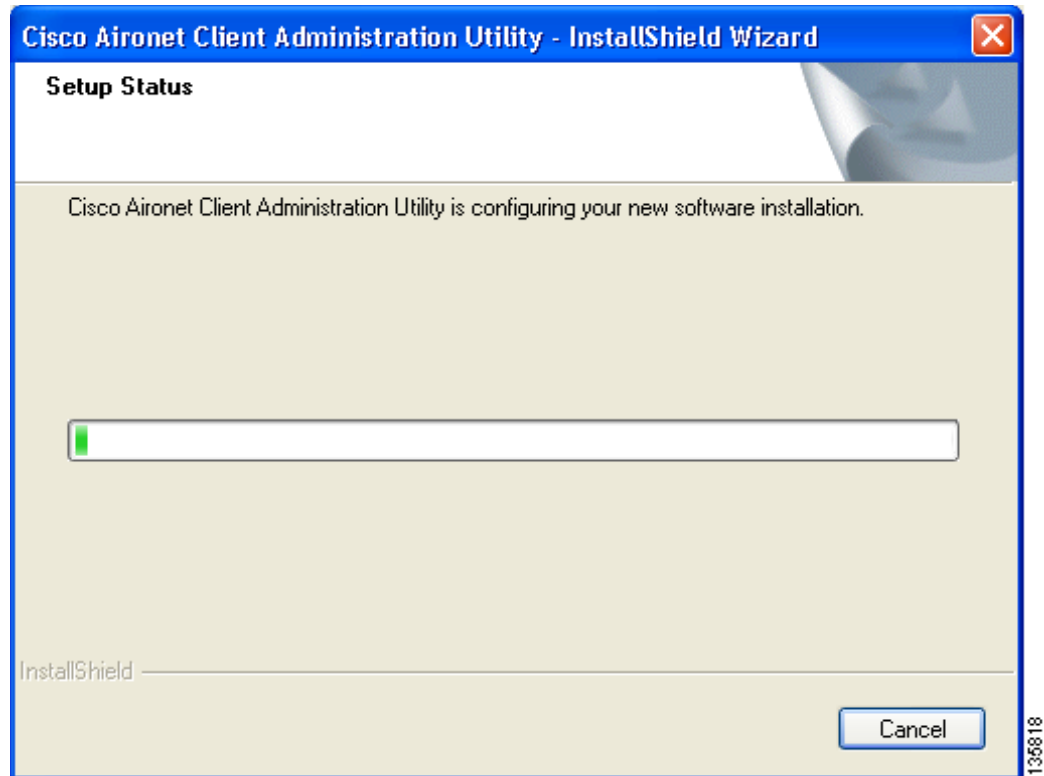
- Step 6** Click **Next**. The Installation Location window appears showing the default location where ACAU will be installed (see [Figure 3](#)).

**Figure 3** Installation Location Window



- Step 7** If you want to change the default location, click **Change**, browse to the location of your choice, and click **OK**.
- Step 8** Click **Next** to begin the installation process. The Setup Status window appears (see [Figure 4](#)).

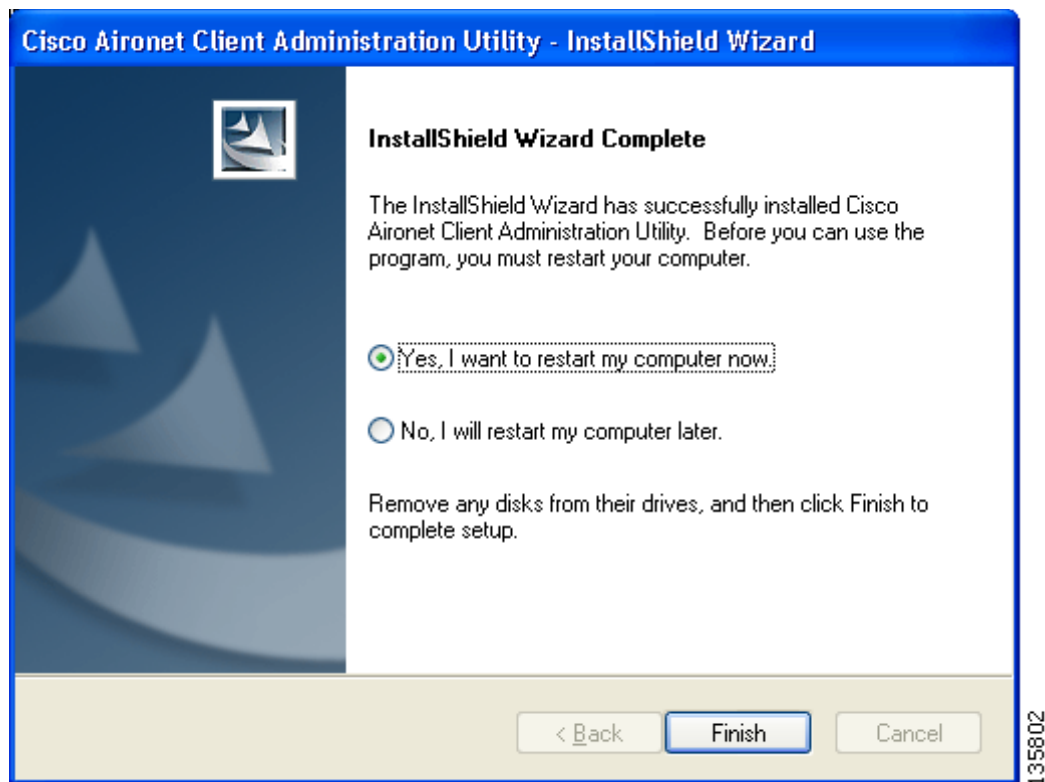
**Figure 4** Setup Status Window



The installation process begins, and you are notified as each software component is installed.

**Step 9** When ACAU is installed, the InstallShield Wizard Complete window appears ([Figure 5](#)).

**Figure 5** InstallShield Wizard Complete Window



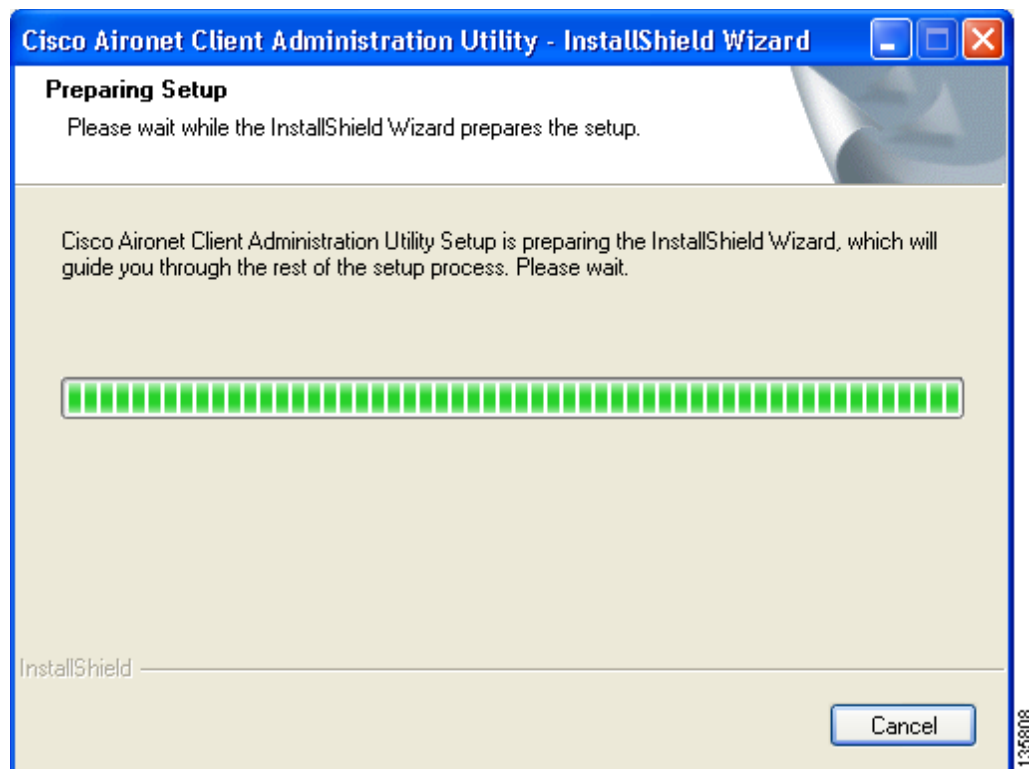
**Step 10** Click **Finish**. The installation is complete.

## Upgrading ACAU

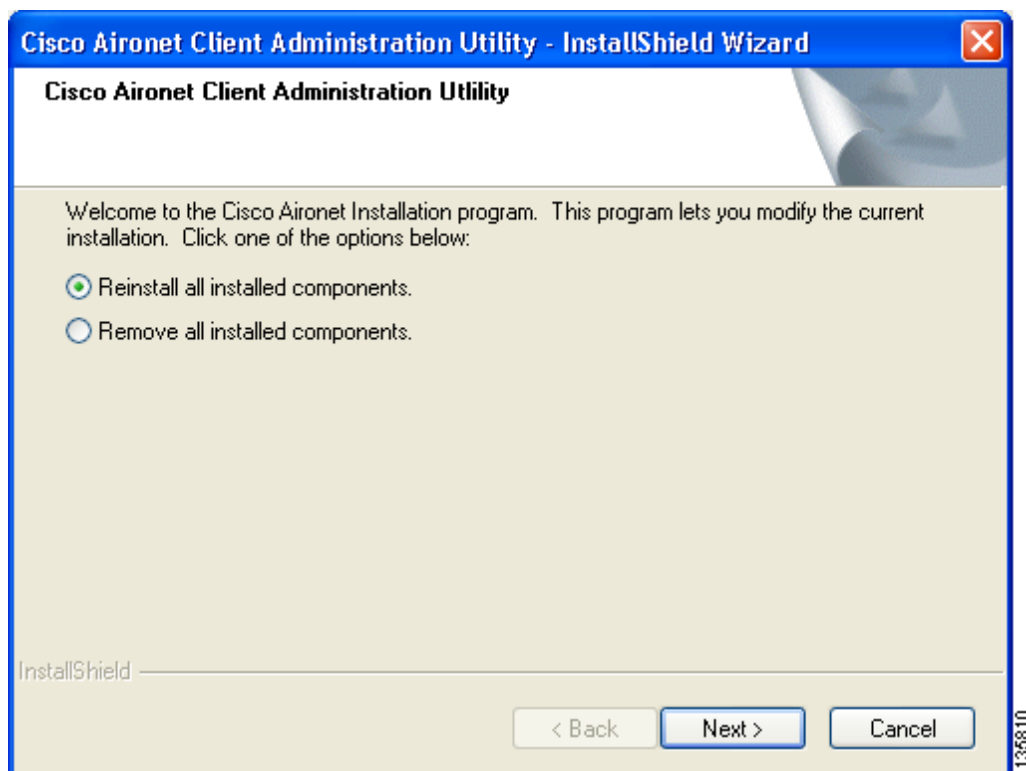
Follow these steps to upgrade your ACAU software to the 2.6 release.

- Step 1** On the Windows taskbar, click **Start > Run**. The Run window appears.
- Step 2** Browse to the location to which you downloaded the software.
- Step 3** Click **acau-v26.exe**.
- Step 4** Click **Open**. The Run window reappears showing the path you specified in Step 2.
- Step 5** Click **OK**. The Preparing Setup window appears followed by the Previous Installation Detected window (see [Figure 6](#) and [Figure 7](#)).

**Figure 6** *Preparing Setup Window*



**Figure 7** *Previous Installation Detected Window*



**Step 6** Perform one of the following:

- If you want to upgrade your ACAU software using new installation settings, you must first uninstall the existing ACAU software from your computer. Follow these steps to do so:
    - a. Choose **Remove all installed components** and click **Next**.
    - b. Click **Yes** to confirm your decision.
    - c. After ACAU has been uninstalled, click **Finish**.
    - d. Follow the instructions in the [“Installing ACAU”](#) section on page 4 to install the new ACAU software.
  - If you want to upgrade your ACAU software using the installation settings that were selected during the last installation, follow these steps:
    - a. Choose **Reinstall all installed components** and click **Next**. The Setup Status window appears and notifies you as each software component is installed.
    - b. When the upgrade finishes, the Maintenance Complete window appears. If the window contains an option to restart your computer, choose that option.
    - c. Click **Finish** and allow your computer to restart if it begins the reboot process.
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## Using ACAU

Refer to the *Cisco Aironet 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG) Administration Utility Administrator Guide (OL-7086-02)* for instructions on using ACAU to set software installation options and configure user profiles.

## Caveats

This section lists open and resolved software issues in ACAU 2.6.

### Open Caveats

There are no significant open caveats in ACAU 2.6.

### Resolved Caveats

The following caveat is resolved in ACAU 2.6.

- CSCsb81180—Client adapters may randomly disassociate  
Client adapters may randomly disassociate from their access points and then fail to reassociate. To work around this problem, reboot the client.

## 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](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 **Product Support** > **Wireless**. Then choose your product and **Troubleshooting** to find information on the problem you are experiencing.

## Related Documentation

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

- *Cisco Aironet 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG) Administration Utility Administrator Guide* (OL-7086-02)—Provides instructions for installing ACAU 2.5 or 2.6 and using it to set software installation options and create configuration profiles for CB21AG and PI21AG client adapters.

[http://www.cisco.com/en/US/products/hw/wireless/ps4555/prod\\_maintenance\\_guides\\_list.html](http://www.cisco.com/en/US/products/hw/wireless/ps4555/prod_maintenance_guides_list.html)

- *Cisco Aironet 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG) Installation and Configuration Guide* (OL-4211-04)—Provides instructions for installing, configuring, and troubleshooting CB21AG and PI21AG client adapters on computers running the Microsoft Windows 2000 or XP operating system.

[http://www.cisco.com/en/US/products/hw/wireless/ps4555/products\\_installation\\_and\\_configuration\\_guides\\_list.html](http://www.cisco.com/en/US/products/hw/wireless/ps4555/products_installation_and_configuration_guides_list.html)

- *Release Notes for Cisco Aironet 802.11a/b/g Client Adapters (CB21AG and PI21AG) Install Wizard 2.6* (OL-8814-01)—Describes new features and open and resolved caveats in Install Wizard 2.6.

[http://www.cisco.com/en/US/products/hw/wireless/ps4555/prod\\_release\\_notes\\_list.html](http://www.cisco.com/en/US/products/hw/wireless/ps4555/prod_release_notes_list.html)

## Obtaining Documentation

Cisco documentation and additional literature are available on Cisco.com. Cisco also provides several ways to obtain 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 at this URL:

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

You can access the Cisco website at this URL:

<http://www.cisco.com>

You can access international Cisco websites at this URL:

[http://www.cisco.com/public/countries\\_languages.shtml](http://www.cisco.com/public/countries_languages.shtml)

### Product Documentation DVD

Cisco documentation and additional literature are available in the Product Documentation DVD package, which may have shipped with your product. The Product Documentation DVD is updated regularly and may be more current than printed documentation.

The Product Documentation DVD is a comprehensive library of technical product documentation on portable media. The DVD enables you to access multiple versions of hardware and software installation, configuration, and command guides for Cisco products and to view technical documentation in HTML. With the DVD, you have access to the same documentation that is found on the Cisco website without being connected to the Internet. Certain products also have .pdf versions of the documentation available.

The Product Documentation DVD is available as a single unit or as a subscription. Registered Cisco.com users (Cisco direct customers) can order a Product Documentation DVD (product number DOC-DOCDVD=) from Cisco Marketplace at this URL:

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

### Ordering Documentation

Beginning June 30, 2005, registered Cisco.com users may order Cisco documentation at the Product Documentation Store in the Cisco Marketplace at this URL:

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

Nonregistered Cisco.com users can order technical documentation from 8:00 a.m. to 5:00 p.m. (0800 to 1700) PDT by calling 1 866 463-3487 in the United States and Canada, or elsewhere by calling 011 408 519-5055. You can also order documentation by e-mail at [tech-doc-store-mkpl@external.cisco.com](mailto:tech-doc-store-mkpl@external.cisco.com) or by fax at 1 408 519-5001 in the United States and Canada, or elsewhere at 011 408 519-5001.

## Documentation Feedback

You can rate and provide feedback about Cisco technical documents by completing the online feedback form that appears with the technical documents on Cisco.com.

You can send comments about Cisco documentation to [bug-doc@cisco.com](mailto: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.

## Cisco Product Security Overview

Cisco provides a free online Security Vulnerability Policy portal at this URL:

[http://www.cisco.com/en/US/products/products\\_security\\_vulnerability\\_policy.html](http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html)

From this site, you can perform these tasks:

- Report security vulnerabilities in Cisco products.
- Obtain assistance with security incidents that involve Cisco products.
- Register to receive security information from Cisco.

A current list of security advisories and notices for Cisco products is available at this URL:

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

If you prefer to see advisories and notices as they are updated in real time, you can access a Product Security Incident Response Team Really Simple Syndication (PSIRT RSS) feed from this URL:

[http://www.cisco.com/en/US/products/products\\_psirt\\_rss\\_feed.html](http://www.cisco.com/en/US/products/products_psirt_rss_feed.html)

## Reporting Security Problems in Cisco Products

Cisco is committed to delivering secure products. We test our products internally before we release them, and we strive to correct all vulnerabilities quickly. If you think that you might have identified a vulnerability in a Cisco product, contact PSIRT:

- Emergencies—[security-alert@cisco.com](mailto:security-alert@cisco.com)

An emergency is either a condition in which a system is under active attack or a condition for which a severe and urgent security vulnerability should be reported. All other conditions are considered nonemergencies.

- Nonemergencies—[psirt@cisco.com](mailto:psirt@cisco.com)

In an emergency, you can also reach PSIRT by telephone:

- 1 877 228-7302
- 1 408 525-6532

**Tip**

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We encourage you to use Pretty Good Privacy (PGP) or a compatible product to encrypt any sensitive information that you send to Cisco. PSIRT can work from encrypted information that is compatible with PGP versions 2.x through 8.x.

Never use a revoked or an expired encryption key. The correct public key to use in your correspondence with PSIRT is the one linked in the Contact Summary section of the Security Vulnerability Policy page at this URL:

[http://www.cisco.com/en/US/products/products\\_security\\_vulnerability\\_policy.html](http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html)

The link on this page has the current PGP key ID in use.

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## Obtaining Technical Assistance

Cisco Technical Support provides 24-hour-a-day award-winning technical assistance. The Cisco Technical Support & Documentation website on Cisco.com features extensive online support resources. In addition, if you have a valid Cisco service contract, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not have a valid Cisco service contract, contact your reseller.

## Cisco Technical Support & Documentation Website

The Cisco Technical Support & Documentation website provides online documents and tools for troubleshooting and resolving technical issues with Cisco products and technologies. The website is available 24 hours a day, at this URL:

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

Access to all tools on the Cisco Technical Support & Documentation website requires a Cisco.com user ID and password. If you have a valid service contract but do not have a user ID or password, you can register at this URL:

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

**Note**

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Use the Cisco Product Identification (CPI) tool to locate your product serial number before submitting a web or phone request for service. You can access the CPI tool from the Cisco Technical Support & Documentation website by clicking the **Tools & Resources** link under Documentation & Tools. Choose **Cisco Product Identification Tool** from the Alphabetical Index drop-down list, or click the **Cisco Product Identification Tool** link under Alerts & RMAs. The CPI tool offers three search options: by product ID or model name; by tree view; or for certain products, by copying and pasting **show** command output. Search results show an illustration of your product with the serial number label location highlighted. Locate the serial number label on your product and record the information before placing a service call.

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## Submitting a Service Request

Using the online TAC Service Request Tool is the fastest way to open S3 and S4 service requests. (S3 and S4 service requests are those in which your network is minimally impaired or for which you require product information.) After you describe your situation, the TAC Service Request Tool provides recommended solutions. If your issue is not resolved using the recommended resources, your service request is assigned to a Cisco engineer. The TAC Service Request Tool is located at this URL:

<http://www.cisco.com/techsupport/servicerequest>

For S1 or S2 service requests or if you do not have Internet access, contact the Cisco TAC by telephone. (S1 or S2 service requests are those in which your production network is down or severely degraded.) Cisco engineers are assigned immediately to S1 and S2 service requests to help keep your business operations running smoothly.

To open a service request 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 list of Cisco TAC contacts, go to this URL:

<http://www.cisco.com/techsupport/contacts>

## Definitions of Service Request Severity

To ensure that all service requests are reported in a standard format, Cisco has established severity definitions.

Severity 1 (S1)—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.

Severity 2 (S2)—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.

Severity 3 (S3)—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.

Severity 4 (S4)—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.

- Cisco Marketplace provides a variety of Cisco books, reference guides, documentation, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:

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

- *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 at this URL:

<http://www.ciscopress.com>

- *Packet* magazine is the Cisco Systems technical user magazine for maximizing Internet and networking investments. Each quarter, Packet delivers coverage of the latest industry trends, technology breakthroughs, and Cisco products and solutions, as well as network deployment and troubleshooting tips, configuration examples, customer case studies, certification and training information, and links to scores of in-depth online resources. You can access Packet magazine at this URL:

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

- *iQ Magazine* is the quarterly publication from Cisco Systems designed to help growing companies learn how they can use technology to increase revenue, streamline their business, and expand services. The publication identifies the challenges facing these companies and the technologies to help solve them, using real-world case studies and business strategies to help readers make sound technology investment decisions. You can access iQ Magazine at this URL:

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

or view the digital edition at this URL:

<http://ciscoiq.texterity.com/ciscoiq/sample/>

- *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/ipj>

- Networking products offered by Cisco Systems, as well as customer support services, can be obtained at this URL:

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

- Networking Professionals Connection is an interactive website for networking professionals to share questions, suggestions, and information about networking products and technologies with Cisco experts and other networking professionals. Join a discussion at this URL:

<http://www.cisco.com/discuss/networking>

- World-class networking training is available from Cisco. You can view current offerings at this URL:

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

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

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