



# Release Notes for Cisco Aironet 802.11a/b/g (CB21AG and PI21AG) Client Administration Utility (ACAU) 4.2

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# Introduction

This document describes system requirements, important notes, new and changed information, installation and upgrade procedures, and caveats for Cisco Aironet Client Administration Utility (ACAU) version 4.2.

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**

To ensure proper operation, use ACAU version 4.2 only with client adapter Install Wizard version 4.2. The software build number for ACAU version 4.2 is 4.2.0.269, and the software build number for ADU version 4.2 is 4.2.0.269.

## System Requirements

You need the following items in order to install and use ACAU 4.2:

- A computer running the Windows 2000 or XP operating system

**Note**

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

- Service Pack 2 for Windows XP (Professional, Home); Service Pack 4 for Windows 2000
- 20 MB of free hard disk space (minimum)
- 128 MB of RAM or greater (recommended)

## Important Notes

### Incompatibility between PACs Created by ACS Version 3.x.xx and ACS Version 4.0.xx

PACs that are created by ACS version 3.x.xx are not compatible with ACS version 4.0.xx. Client stations must import new PACs. If you select auto-provisioning, new PACs will automatically be generated and used. However, if you select manual provisioning, you must manually export new PACs to the client stations.

If a user wants to authenticate to ACS version 4.0.xx and version 3.x.xx at different times, both PACs must remain on the client station. The ADU is capable of automatically selecting the appropriate PAC.

However, if you experiences authentication failures after upgrading the software, delete all the PACs provisioned from the 3.x.xx server.

## Conflict with Third-Party Supplicants

When using release 4.2, you might encounter a conflict with third-party supplicants (such as the Juniper Odyssey) that causes the Cisco client adapter to lose connection. If you encounter such a conflict, disable third-party supplicants.

## Software Compatibility

ACAU 4.2 is compatible only with the Cisco Aironet CB21AG and PI21AG client adapters.

## 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.

## 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.

## 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 2.5, it is designated as an EAP-FAST profile in ACAU 2.5. To change it, you must manually reconfigure the profile for Host Based EAP.

## New and Changed Information

This section describes the new and modified features in release 4.2 of ACAU.

## Management Frame Protection

Release 4.2 supports Management Frame Protection (MFP) when available and enabled on the wireless infrastructure. The CB21AG and PI21AG have MFP automatically enabled.

## Finding the Software Version

Follow these steps to obtain the latest ACAU software from Cisco.com:

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- Step 1** Make sure the client adapter is inserted into your computer.
  - Step 2** Make sure that you have a Cisco Connection Online (CCO) username and password.
  - Step 3** If you do not have a CCO username and password, go to Cisco's main page (<http://www.cisco.com>) and click Register (top). Then, follow the instructions to create a CCO username and password.
  - Step 4** Browse to the following location:  
<http://www.cisco.com/public/sw-center/>
  - Step 5** Click **Wireless Software**.
  - Step 6** Click **Wireless LAN Access**.
  - Step 7** Click **Cisco Wireless LAN Client Adapters**.
  - Step 8** Click **Cisco Aironet Wireless LAN Client Adapters Tools For Systems Administrators**.
  - Step 9** Click **Cisco Aironet CB21AG/PI21AG Wireless LAN Client Adapter Tools**.
  - Step 10** When prompted, enter your CCO username and password, and click **OK**.
  - Step 11** Click **Aironet Client Administration Utility (ACAU)**.
  - Step 12** Click the link with the greatest release number under Available Releases.
  - Step 13** Click the Install Wizard file (**acau-vxx.exe**), where **xx** is the version number.
  - Step 14** If prompted, enter your CCO username and password, and click **OK**.
  - Step 15** Complete the encryption authorization form, read and accept the terms and conditions of the Software License Agreement.
  - Step 16** In the Download page, click the **Download** button to download the installer, and save it on your computer's Desktop.

Before downloading the file, you will be prompted to enter your CCO username and password. You will also be prompted to agree to the software download rules.

## 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://www.cisco.com/public/sw-center/sw-wireless.shtml>
  - Step 2** Click **Option #2: Aironet Wireless Software Display Tables**.
  - Step 3** Click **Cisco Aironet Wireless LAN Client Adapters**.
  - Step 4** Scroll down to Windows Systems Administration Tools and click **Aironet Client Administration Utility (ACAU)**. The Software Download page appears.
  - Step 5** Click **acau-vxx.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.
- Step 8** When the Software Download page appears, click **acau-vxx.exe**.
- Step 9** Save the file to a folder you specify.

## Installing ACAU

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



**Note**

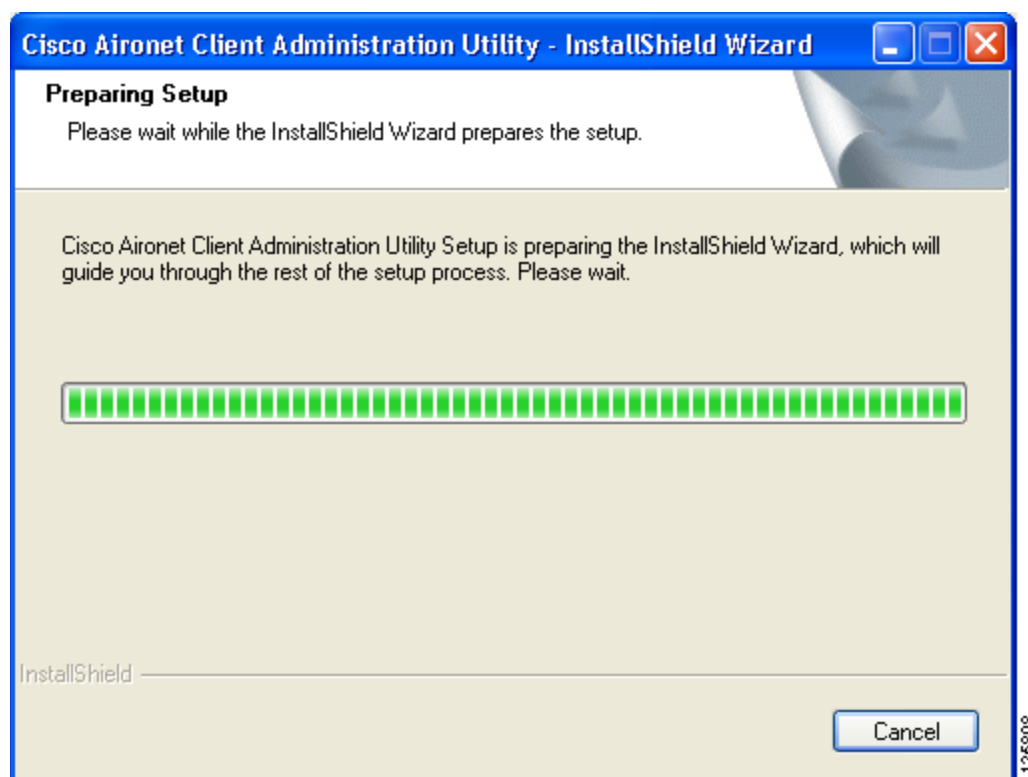
If you are upgrading to a new version of ACAU or reinstalling the same version, follow the instructions in the [“Upgrading ACAU” section on page 10](#) to upgrade or reinstall your ACAU software.

**Step 1** Use Windows Explorer to find the installer.

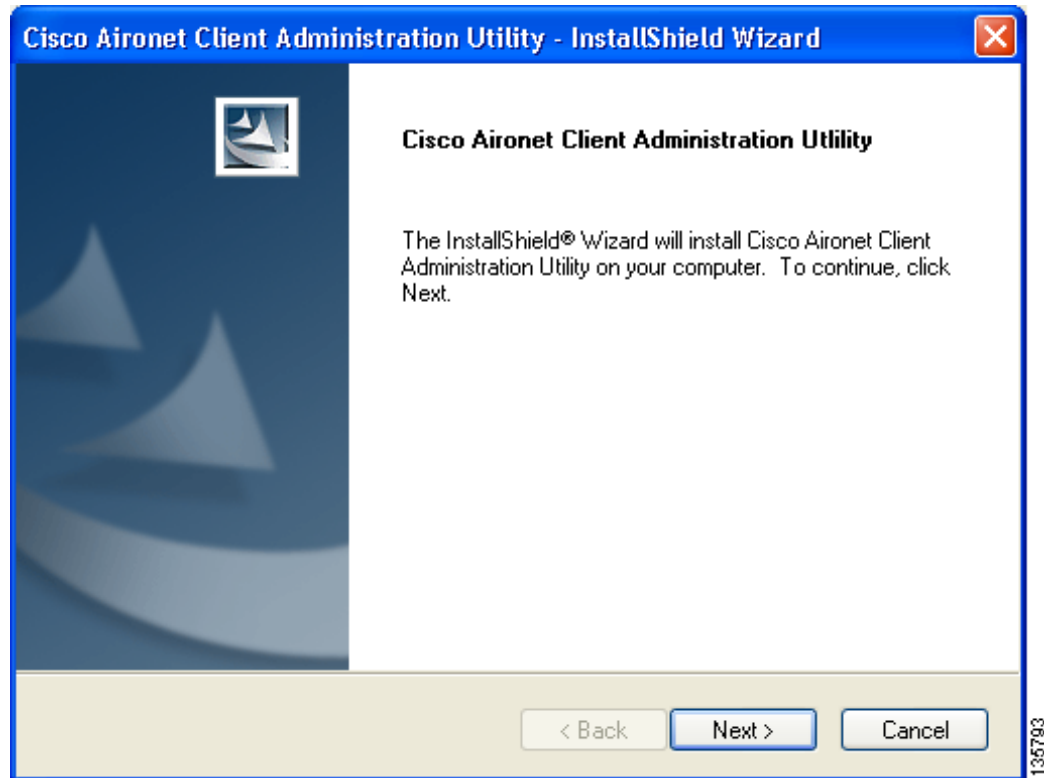
**Step 2** Double-click the installer.

The Preparing Setup window appears followed by the InstallShield Wizard window (see [Figure 1](#) and [Figure 2](#)).

**Figure 1** *Preparing Setup Window*

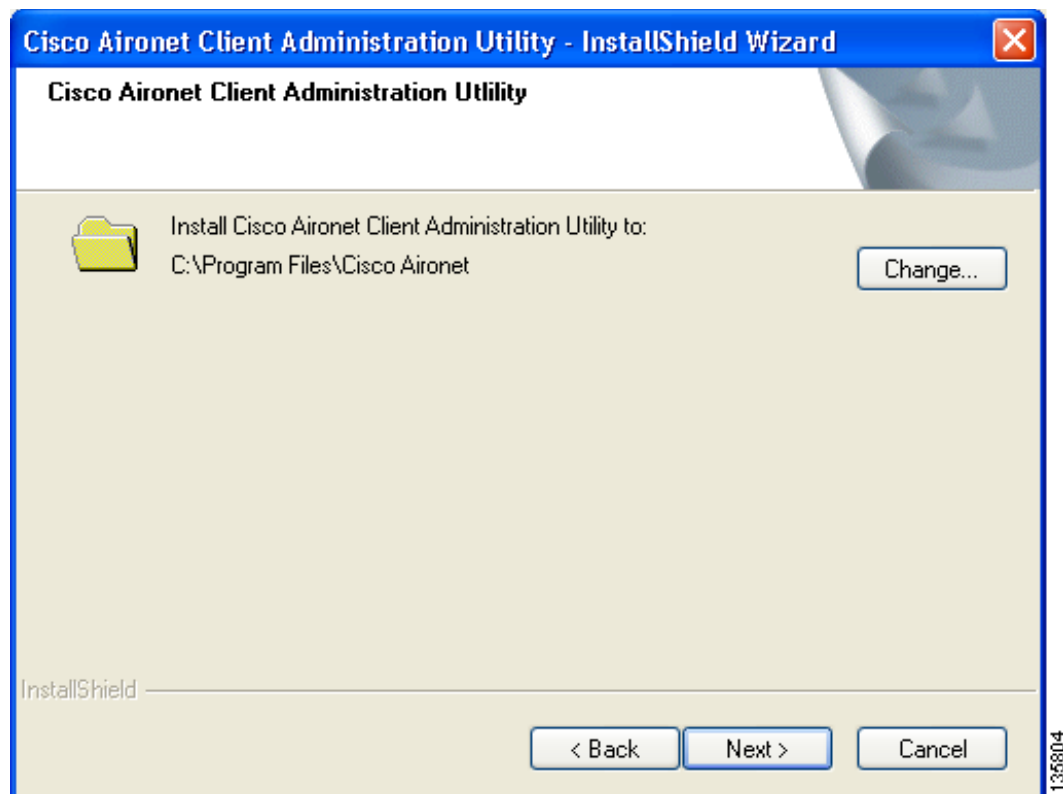


**Figure 2** *InstallShield Wizard Window*



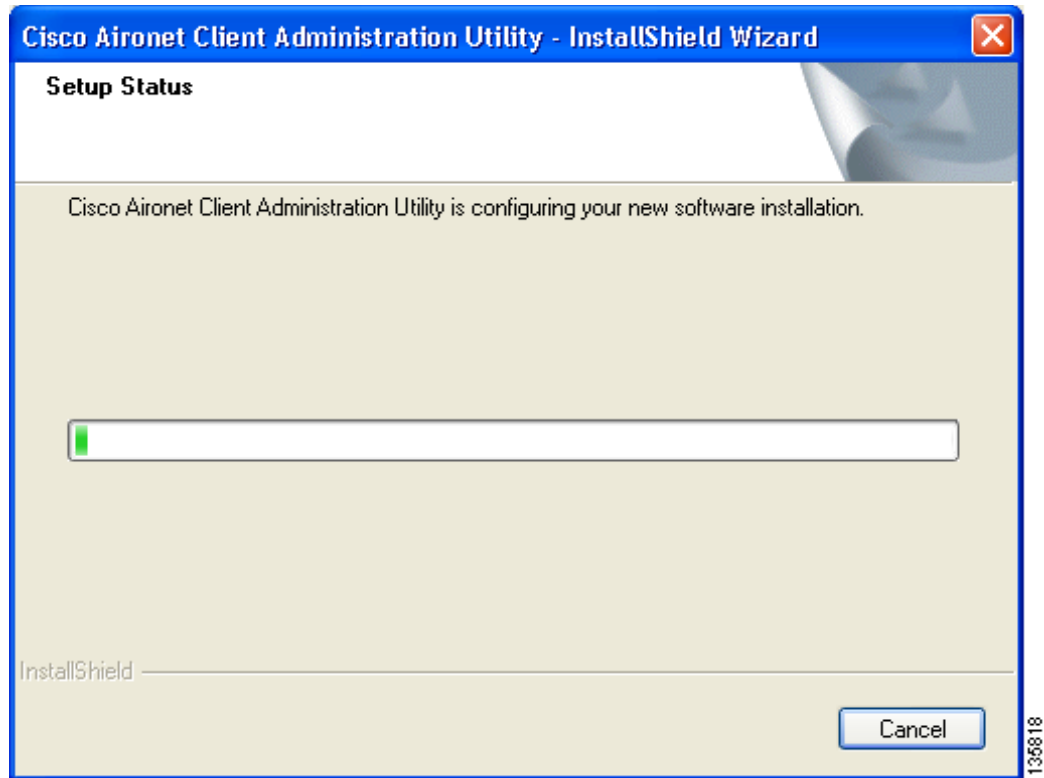
- Step 3** Click **Next**. The Installation Location window appears showing the default location where ACAU will be installed (see [Figure 3](#)).

**Figure 3**      *Installation Location Window*



- Step 4** If you want to change the default location, click **Change**, browse to the location of your choice, and click **OK**.
- Step 5** Click **Next** to begin the installation process. The Setup Status window appears (see [Figure 4](#)).

**Figure 4** Setup Status Window

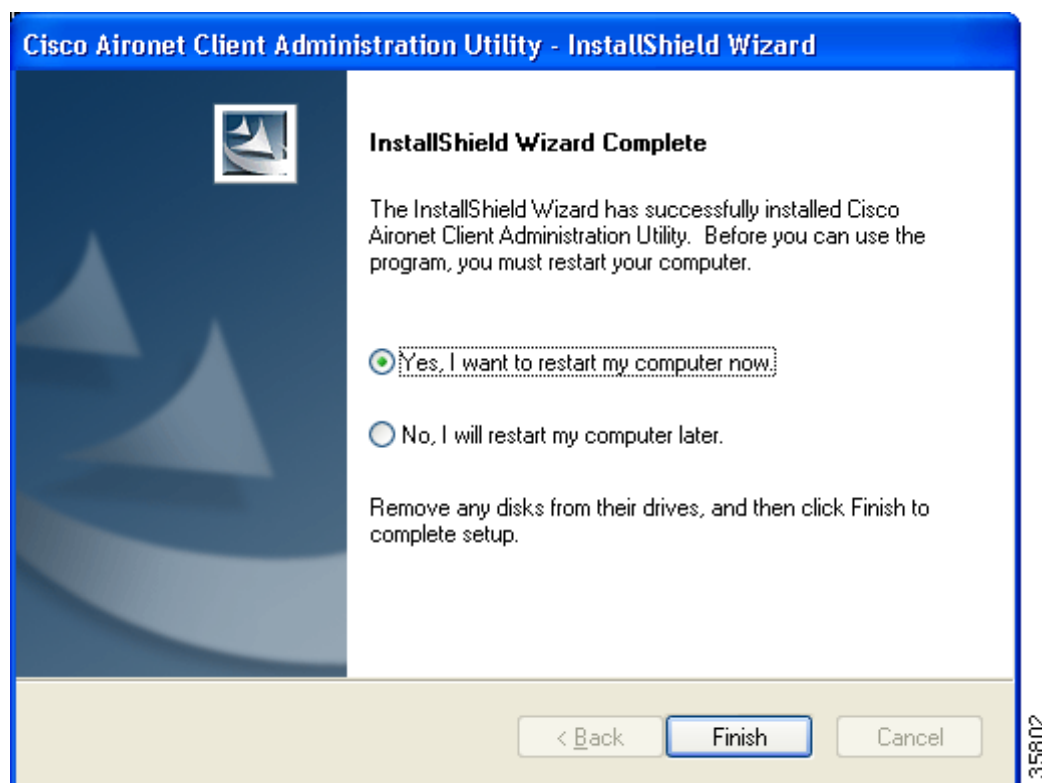


The installation process begins, and you are notified as each software component is installed.



**Step 6** When ACAU is installed, the InstallShield Wizard Complete window appears (see [Figure 5](#)).

**Figure 5** *InstallShield Wizard Complete Window*



**Step 7** Click **Yes, I want to restart my computer now** to restart your computer after quitting the installer. Otherwise, click **No, I will restart my computer later** if need to install other programs before restarting your computer.



**Note** Before you can use ACAU, you must restart you computer.

**Step 8** Click **Finish**. The installation is complete.

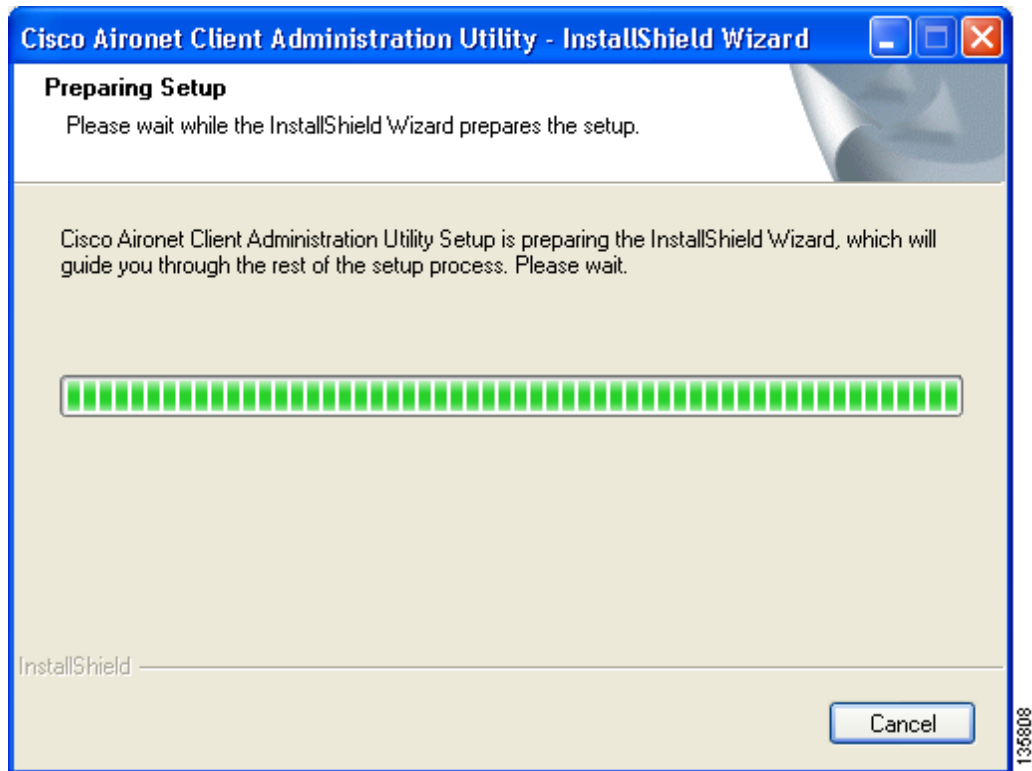
# Upgrading ACAU

Follow these steps to upgrade your ACAU software to the latest ACAU release:

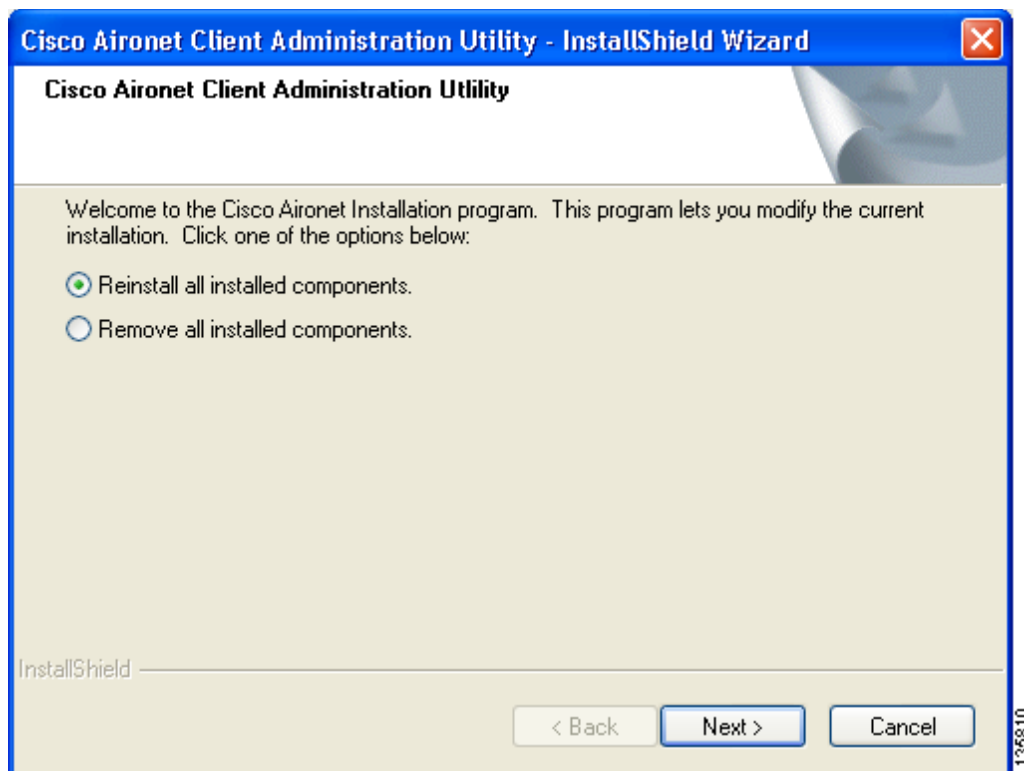
**Step 1** Run the ACAU installer.

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 2** 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 5](#) 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.

## Running ACAU

When you install ACAU, the installation routine places an Aironet Client Administration Utility icon on your Windows desktop. Double-click the icon to start the utility.

## Using ACAU

Refer to the *Cisco Aironet 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG) Administration Utility Administrator Guide (OL-7086-04)* for instructions on using ACAU to set software installation options and configure user profiles.

## 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-7086-04)*—Provides instructions for installing the ACAU 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-4211-06)*—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 4.2 (OL-13094-01)*—Describes new features and open and resolved caveats in Install Wizard 4.2.  
[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, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, see the monthly *What's New in Cisco Product Documentation*, which also lists all new and revised Cisco technical documentation, at:

<http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.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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