



# Release Notes for Cisco Aironet 802.11a/b/g (CB21AG and PI21AG) Client Administration Utility (ACAU) 1.2

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# Introduction

This document describes system requirements, important notes, installation and upgrade procedures, and caveats for CB21AG and PI21AG client adapter ACAU release 1.2.

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 the Windows 2000 or XP operating system. The overrides and profiles are stored in a configuration file that is loaded by the Install Wizard. After the user installs the driver and Aironet Desktop Utility (ADU) for the 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 profiles for a user or group of users

## System Requirements

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

- A computer running the Windows 2000 or XP operating system



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

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- 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 SofToken program (release 2.1 or later)

# Important Notes

## Administrator Privileges

Administrators can always modify, create, remove, import, and export profiles, even if ACAU's global user settings are set to prevent users from performing these functions.

## 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 client adapters, and the Aironet Client Utility (ACU) must be used with all other Cisco Aironet client adapters.

## Obtaining ACAU Software

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

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- 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** Click **Option #2: Aironet Wireless Software Display Tables**.
  - Step 3** Click **Cisco Aironet Wireless LAN Client Adapters**.
  - Step 4** Scroll down to the Windows System Administration Tools and click **Aironet Client Administration Utility (ACAU)**. The Software Download page appears.
  - Step 5** Click **acau-v12.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-v12.exe**.
  - Step 9** Save the file to a folder you specify.
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# Installing or Upgrading ACAU Software

This section describes how to initially install or upgrade to ACAU 1.2 on a computer running Windows 2000 or XP. If ACAU is not installed on your computer, follow the instructions in the [“Installing ACAU Software”](#) section below. If you are upgrading your ACAU software to release 1.2, follow the instructions in the [“Upgrading ACAU Software”](#) section on page 6.



## Note

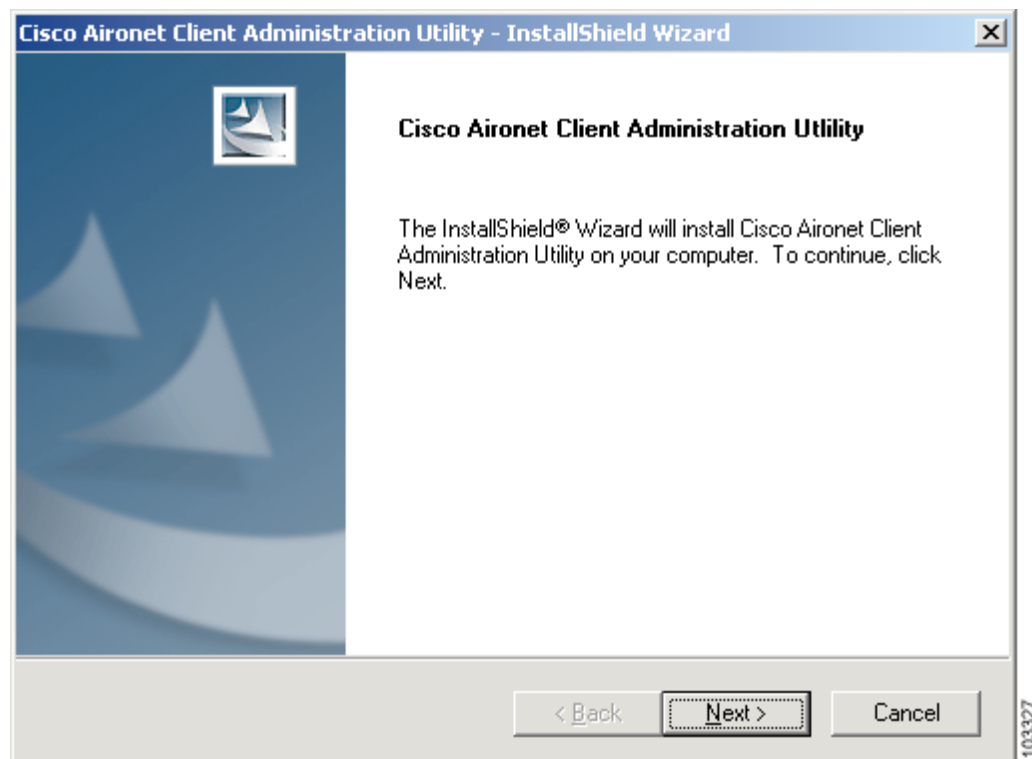
The procedures in this section describe the installation and upgrade process using Windows 2000. The installation and upgrade screens for Windows XP differ slightly, but the process is the same.

## Installing ACAU Software

Follow these steps to install ACAU 1.2 on your computer.

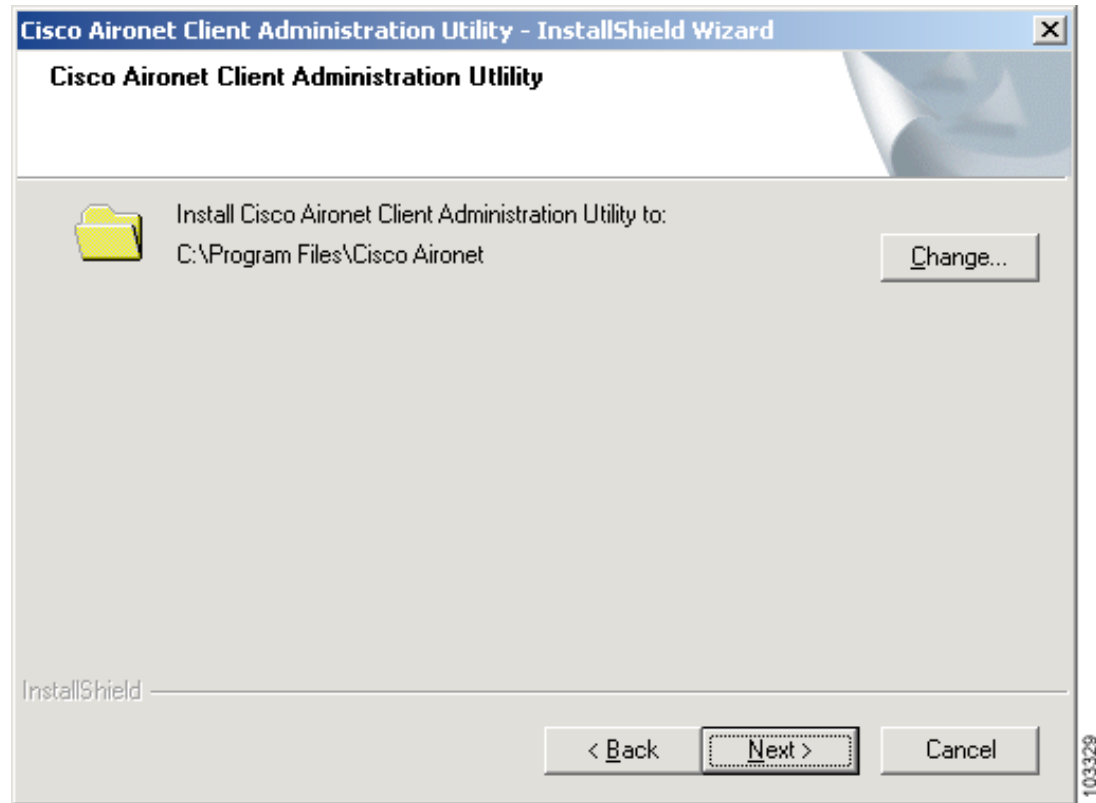
- Step 1 On the Windows taskbar, click **Start > Run**. The Run window appears.
- Step 2 Browse to the location where you downloaded the software.
- Step 3 Click **Setup.exe**.
- Step 4 Click **Open**. The Run window reappears showing the path you specified in Step 2.
- Step 5 Click **OK**. The ACAU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

*Figure 1 ACAU InstallShield Wizard Window*



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

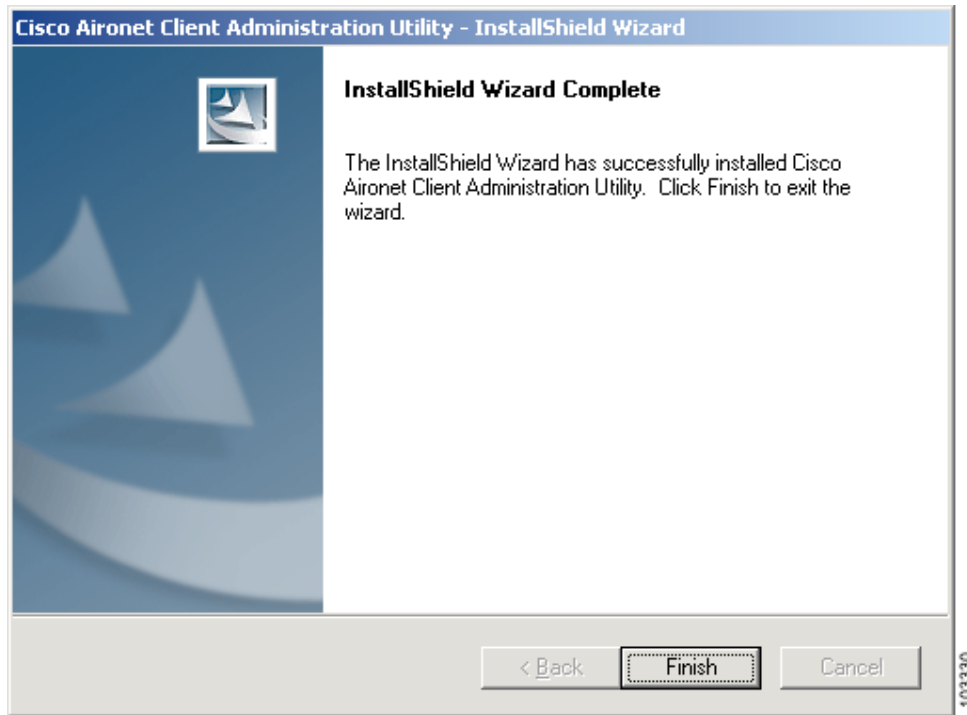
*Figure 2 ACAU Installation Location Window*



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

- Step 7** Click **Next** to accept the location and begin the installation process.
- Step 8** When ACAU is installed, the ACAU InstallShield Wizard Complete window appears (see [Figure 3](#)).

Figure 3 ACAU InstallShield Wizard Complete Window



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

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## Upgrading ACAU Software

Follow these steps to upgrade your ACAU software to release 1.2.

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Step 1 Make sure the client adapter is inserted in your computer.



**Note** If your client adapter is not inserted, the upgrade silently fails.

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Step 2 On the Windows taskbar, click **Start > Run**. The Run window appears.

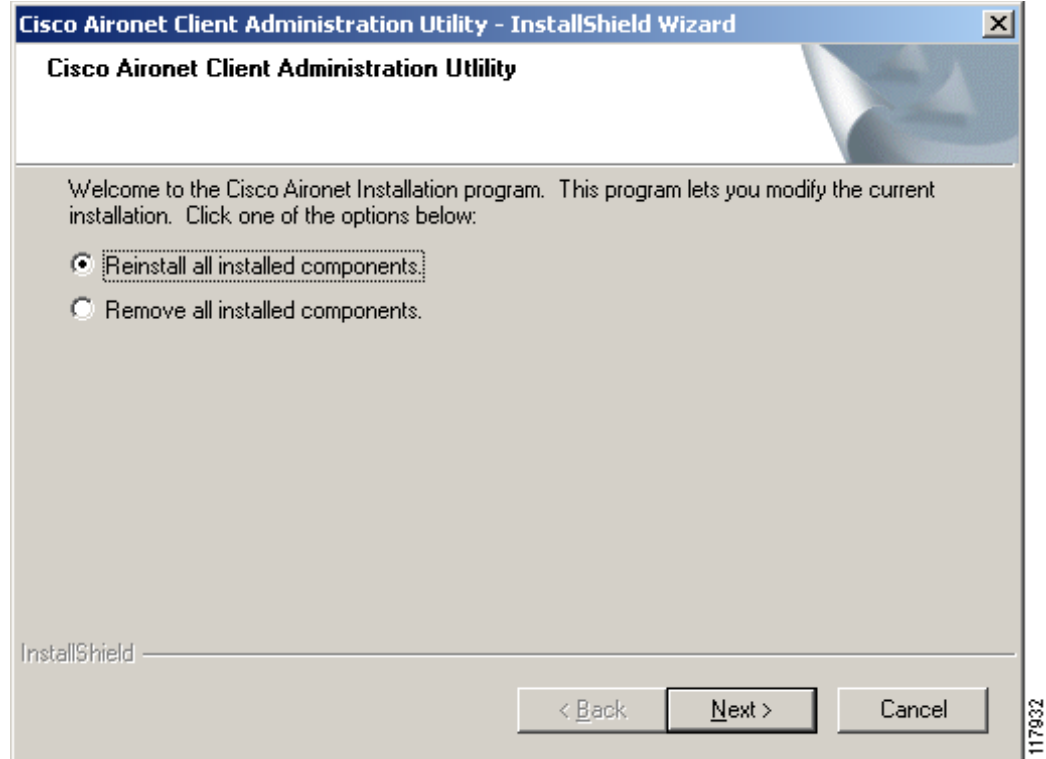
Step 3 Browse to the location where you downloaded the software.

Step 4 Click **Setup.exe**.

Step 5 Click **Open**. The Run window reappears showing the path you specified in Step 3.

Step 6 Click **OK**. The Preparing Setup window appears followed by the Previous Installation Detected window (see [Figure 4](#)).

Figure 4 Previous Installation Detected Window



**Step 7** 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 Software”](#) 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**.
  - 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.

# Determining the Software Version

Follow these steps to determine the ACAU software version.

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- 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 shows the version number.
  - Step 4 Click **OK** to return to the Cisco Aironet Client Administration Utility window.
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## Caveats

### Resolved Caveats

The following caveats are resolved in ACAU 1.2.

- CSCef38392—Force Auto Select Profiles option does not work properly  
The Force Auto Select Profiles option is selectable even when only one profile is included in the auto selected profiles list. This option should be available only if a minimum of two profiles are included in the auto selected profiles list.
- CSCee81762—ACAU-created profiles not reflected in ADU  
ACAU-created profiles do not appear in ADU following a software upgrade.
- CSCee94660—Profiles created by ACAU 1.1 are not imported into ADU 1.1  
If you create a custom configuration file using ACAU 1.1 and then run the client adapter Install Wizard, the profiles stored in the configuration file are not imported into ADU 1.1. All of the settings are imported but not the 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 to 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 Cisco Aironet CB21AG and PI21AG client adapters and 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/index.htm>

## 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/univercd/home/home.htm>

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)

## Ordering Documentation

You can find instructions for ordering documentation at this URL:

[http://www.cisco.com/univercd/cc/td/doc/es\\_inpck/pdi.htm](http://www.cisco.com/univercd/cc/td/doc/es_inpck/pdi.htm)

You can order Cisco documentation in these ways:

- Registered Cisco.com users (Cisco direct customers) can order Cisco product documentation from the Ordering tool:  
<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 send comments about technical 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.

## Obtaining Technical Assistance

For all customers, partners, resellers, and distributors who hold valid Cisco service contracts, Cisco Technical Support provides 24-hour-a-day, award-winning technical assistance. The Cisco Technical Support Website on Cisco.com features extensive online support resources. In addition, Cisco Technical Assistance Center (TAC) engineers provide telephone support. If you do not hold a valid Cisco service contract, contact your reseller.

## Cisco Technical Support Website

The Cisco Technical Support 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, 365 days a year at this URL:

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

Access to all tools on the Cisco Technical Support 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>

## 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 automatically provides recommended solutions. If your issue is not resolved using the recommended resources, your service request will be assigned to a Cisco TAC 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 TAC 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, and logo merchandise. Visit Cisco Marketplace, the company store, at this URL:

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

- 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://cisco.com/univercd/cc/td/doc/pcat/>

- *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>

- *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>

- 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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