Release Notes for Cisco Aironet Configuration Administration Tool (ACAT) 1.6

June 2005

These release notes describe the caveats in this software maintenance release for the Cisco Aironet Configuration Administration Tool (ACAT) 1.6.

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Introduction

This is a software maintenance release for the Cisco Aironet Configuration Administration Tool (ACAT) 1.6. This release incorporates only one resolved caveat and one new feature.

ACAT is a tool used by administrators to specify software installation options for client adapters (Cisco Aironet 2.4-GHz and 5-GHz client adapters) located in PCs running a Windows operating system. The specified options are placed in a configuration file used by the Cisco Aironet Wireless LAN Client Adapter Installation Wizard (referred to as the *Install Wizard*) to install the software components and a client adapter's configuration profiles.

Using ACAT, an administrator can specify the following installation options:

- Software components
  - Client adapter radio firmware
  - Driver for a client adapter
  - Cisco Aironet Client Utility (ACU)
  - Cisco Aironet Client Monitor (ACM)
  - Security Modules (LEAP, EAP-SIM, PEAP, and EAP-FAST)
- Administrator global override settings
- Client adapter configuration profiles
- Client adapter type
  - PCM-35x—Cisco Aironet 350 series PCMCIA card
  - MPI-35x—Cisco Aironet 350 series Mini-PCI card
  - PCI-35x—Cisco Aironet 350 series PCI card
  - CB20A—Cisco Aironet 5-GHz PC-Cardbus card

Note ACAT 1.6 is compatible only with Install Wizard 1.6.

Note ACAT 1.6 supports only the Windows 2000 and XP operating systems.

Note ACAT 1.6 does not support the Cisco Aironet 340 and 4800 series client adapters or the Cisco Aironet IEEE 802.11a/b/g Wireless LAN Client Adapters (CB21AG and PI21AG).

New Feature

This section describes the new feature supported by ACAT 1.6.

Restrict Time Finding the Domain Controller

When using LEAP or EAP-FAST authentication, the final sequence in the authentication process is to find the domain controller. In some systems this sequence can result in authentication delays. ACAT 1.6 supports a new LEAP and EAP-FAST configuration setting that enables an administrator to limit the amount of time allowed to find the domain controller during the authentication process. Also, the administrator has the option to configure the setting to entirely skip the check for the domain controller. This new setting is the *Restrict Time Finding the Domain Controller* option located in the Timeout Properties section of the LEAP and EAP-FAST configuration settings window.

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 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, each time software is downloaded.

Obtaining ACAT Software

To obtain the latest ACAT software from the Cisco website, 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 Choose **Option #2: Aironet Wireless Software Display Tables**.

Step 3 Choose **Cisco Aironet Wireless LAN Client Adapters**.

Step 4 Under Windows System Administration Tool, Choose **Aironet Configuration Administration Tool (ACAT)**.

Step 5 Choose the ACAT file (**ACAT-v16)** with the greatest version number, where *v16* is the version number.

Step 6 Enter the requested information on the encryption authorization form and click **Submit**.

Step 7 Read the terms and conditions of the Software License Agreement and click **Accept**.

Step 8 Double-click the ACAT file to download it.

Step 9 Save the file to your computer's hard drive then exit the web browser.

Step 10 Find the downloaded ACAT-v1.6 file using Windows Explorer, double-click it, and extract the files into the same directory on your hard drive as the Install Wizard 1.6. The following files are extracted:

- ACAT.exe—ACAT executable file.
- ACAT.HLP—ACAT help file used by the ACAT program.

Note If you do not place the ACAT files into the same directory as the Install Wizard 1.6, you must place a copy of the InstallData.txt file into your ACAT directory. The InstallData.txt file can be found in the Install Wizard directory.

Note InstallData.txt is an ASCII text installation file used by the ACAT program that cannot be edited or changed. The file data is check-sum protected and if modified generates an error when ACAT is activated.

Software Compatibility

ACAT 1.6 software is compatible only with Install Wizard 1.6 software.

Finding the ACAT Version

Follow the instructions in this section to find your current version of ACAT.

Step 1 Open Windows Explorer.

Step 2 Find the ACAT files.

Step 3 Right-click the **ACAT.exe** file.

Step 4 Click **Properties**.

Step 5 Click the **Version** tab. The version of the currently loaded ACAT file is shown in the File version field.

Finding the Install Wizard Version

Follow the instructions in this section to find your current version of the Install Wizard.

Step 1 Open Windows Explorer.

Step 2 Find the Install Wizard files.

Step 3 Right-click the **IWSetup.exe** file.

Step 4 Click **Properties**.

Step 5 Click the **Version** tab. The version of the currently installed Install Wizard file is shown in the File version field.

Removing ACAT Software

You can remove the ACAT software from your PC by deleting the following files:

- ACAT.exe
- ACAT.hlp
- InstallData.txt (if not located in the ACAT directory)
- CiscoAdminConfig.dat (if not located in the ACAT directory)

Uninstalling Client Adapter Software

When you run the Install Wizard using an ACAT-generated configuration file set for a silent install, the main Install Wizard screen is not displayed. To uninstall the software components and profiles installed by the Install Wizard, follow these steps:

Step 1 Choose **Start > Settings > Control Panel > Add/Remove Programs**.

Step 2 Click **Cisco Aironet Installation Wizard**.

Step 3 Click **Change/Remove**.

Step 4 When the Install Wizard screen appears, choose **Uninstall All Components** and click **Next**.

Note Uninstall All Components removes all installed software components and all client adapter profiles in the PC registry.

Note The Custom Installation/Upgrade selection on the Install Wizard screen allows you to change the installation parameters and software components specified in the ACAT configuration file.

Step 5 The Install Wizard screen indicates the uninstall progress. When a message appears that indicates the system is about to reboot, click **OK**.

When your PC reboots, the uninstall is complete.

Note If you uncompressed the Installation Wizard software package in a non-temporary folder, you need to manually delete the Install Wizard installation files and directories.

Caveats

Getting Bug Information on Cisco.com

If you are a registered Cisco 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://www.cisco.com/support/bugtools/

Closed Caveats

The following caveat has been resolved:

- CSCeh13191—ACAT 1.5 preserve profile function fails.

  The ACAT preserve existing profile option overwrites existing ACU profiles when ACU is upgraded from version 6.3 to version 6.4.

  This problem has been resolved in ACAT 1.6.

Troubleshooting

For the most up-to-date, detailed troubleshooting information, refer to the Cisco Technical Support website at the following URL:

http://www.cisco.com/tac

Click **Wireless** under Documentation and Tools > Product Support.

Related Documentation

For more information about wireless LAN adapters and related products, refer to the following documents:

- *Cisco Aironet 350 and CB20A Wireless LAN Client Adapters Installation and Configuration Guide for Windows* provides instructions for using the Install Wizard to install and configure the wireless client adapter, the firmware, the driver, and the utilities.
- *Cisco Aironet Access Point Software Configuration Guide* provides configuration information for 350 series access points. running VxWorks software
- *Cisco IOS Software Configuration Guide for Access Points* provides software configuration information for access points running Cisco IOS software.

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 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

Ordering Documentation

You can find instructions for ordering documentation at this URL:

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 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.

- Cisco Marketplace provides a variety of Cisco books, reference guides, and logo merchandise. Go to this URL to visit the company store:

  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 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/ipj

- 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

This document is to be used in conjunction with the documents listed in the "Related Documentation" section.

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