



Numerics

802.1X

authentication types

in ACU [5-23 to 5-26](#)

in Windows XP [E-3](#)

defined [5-23, E-2](#)

A

About Aironet Client Utility

ACU menu option [9-14](#)

screen [9-14](#)

About icon [9-14](#)

access point

currently associated to [7-10, 8-11](#)

in wireless infrastructure [1-10](#)

IP address

current [7-10, 8-11](#)

in link test [7-19](#)

in site survey active mode [F-12](#)

in site survey passive mode [F-6](#)

MAC address

current [7-10](#)

in link test [7-21](#)

in site survey active mode [F-8](#)

specifying [5-16](#)

mismatches [7-14](#)

name

current [7-10, 8-11](#)

in link test [7-21](#)

in site survey active mode [F-12](#)

in site survey passive mode [F-6](#)

problems

associating to [10-11](#)

authenticating to [10-11](#)

role in wireless network [1-8](#)

security settings [5-31 to 5-34](#)

Access Point Authentication parameter [5-36](#)

access points, reporting those that fail LEAP or EAP-FAST authentication [5-29, 5-34](#)

Ack packets

number received [7-16](#)

number transmitted [7-15](#)

ACM

See Aironet Client Monitor (ACM)

ACU

See Aironet Client Utility (ACU)

ad hoc network

defined [E-6](#)

parameters [5-18 to 5-21](#)

selecting in ACU [5-6](#)

selecting in Windows XP [E-7](#)

wireless LAN configuration [1-9](#)

Advanced (Ad Hoc) screen [5-18](#)

Advanced (Infrastructure) screen [5-14](#)

advanced ad hoc parameters

described [5-2, 5-18](#)

setting [5-18 to 5-21](#)

advanced infrastructure parameters

described [5-2, 5-14](#)

setting [5-14 to 5-17](#)

aged packets [7-14, 7-16](#)

Aironet Client Monitor (ACM)

About screen [8-5](#)

accessing help [8-5](#)

- described [1-6](#)
- exiting [8-6](#)
- finding version [8-5](#)
- icon [8-2](#)
- overview [8-2](#)
- pop-up menu [8-5 to 8-11](#)
- selecting the active profile [8-8 to 8-9](#)
- setting preferences [8-6 to 8-7](#)
- specifying pop-up menu options [8-7](#)
- specifying when it runs [8-7](#)
- Tool Tip window [8-3 to 8-4](#)
- using [8-1 to 8-11](#)
- Aironet Client Monitor parameter (Install Wizard) [3-8, 3-18](#)
- Aironet Client Monitor Preferences screen [8-6](#)
- Aironet Client Utility (ACU)
 - About icon [9-14](#)
 - accessing help [9-15](#)
 - described [1-6 to 1-8](#)
 - diagnostic tools
 - overview [7-2](#)
 - setting parameters [7-3 to 7-4](#)
 - using [7-4 to 7-22](#)
 - exiting [9-13](#)
 - feature comparison to Windows XP [3-23 to 3-24](#)
 - finding version [9-14](#)
 - icon
 - adding to desktop [9-14](#)
 - deleting from desktop [9-14](#)
 - parameter to place on desktop [3-7, 3-18](#)
 - using to open ACU [9-12](#)
 - installation program settings, modifying [9-13](#)
 - launching from ACM [8-6](#)
 - opening [9-12](#)
 - overview [1-6 to 1-7](#)
 - Properties screens, overview [5-2](#)
 - screens, buttons described [1-8](#)
 - selecting among several installed client adapters [3-25](#)
- Aironet Client Utility parameter (Install Wizard) [3-7, 3-18](#)
- Aironet Client Utility Preferences screen [4-10, 7-3, 9-11](#)
- Aironet Client Utility screen [1-6 to 1-7](#)
- Allow Association to both WPA and non-WPA authenticators parameter [5-41, 5-48](#)
- Allow Association to Mixed Cells parameter [5-22](#)
- Allow Automatic PAC Provisioning for This Profile parameter [5-45](#)
- Allow Auto-Provisioning? parameter (Install Wizard) [3-12](#)
- Allow Fast Roaming (CCKM) parameter [5-41, 5-48](#)
- Allow Non-Administrator Users to Save Profiles to the Registry parameter [4-11](#)
- Allow Non-Administrator Users to Save Settings to the Registry parameter (Install Wizard) [3-7, 3-18](#)
- Allow Saved EAP-FAST User Name and Password parameter (Install Wizard) [3-11](#)
- Allow Saved LEAP User Name and Password parameter (Install Wizard) [3-10, 3-20](#)
- antenna
 - 2.4-GHz options [C-3](#)
 - described [1-4](#)
 - gains
 - IEEE 802.11a [D-4](#)
 - IEEE 802.11b [D-4 to D-5](#)
 - mode currently being used [7-8](#)
 - placement [F-2](#)
 - specifications [A-6](#)
- Antenna Mode (Receive) parameter
 - ad hoc mode [5-19](#)
 - infrastructure mode [5-15](#)
- Antenna Mode (Transmit) parameter
 - ad hoc mode [5-19](#)
 - infrastructure mode [5-15](#)
- Apply button, function [1-8](#)
- association
 - rejections [7-14](#)
 - time-outs [7-14](#)
- audience of document [xii](#)
- authentication
 - process [5-26, E-4](#)
 - rejections [7-14](#)

time-outs [7-14](#)
 type, status of [7-8](#)
 Authentication Timeout Value parameter
 for EAP-FAST [5-45](#)
 for LEAP [5-41](#)
 Automatically Load New Firmware When NDIS Driver Is
 Updated parameter [9-12](#)
 Automatically Prompt for User Name and Password option
 for EAP-FAST [5-44](#)
 for LEAP [5-40](#)
 auto profile selection
 including a profile in [4-4 to 4-6](#)
 prioritizing profiles [4-6](#)
 removing a profile from [4-5](#)
 restrictions [4-5](#)
 using [4-7, 8-8](#)
 Auto Profile Selection Management screen [4-5](#)
 Auto Start parameter for ACM (Install Wizard) [3-8, 3-19](#)

B

beacon packets
 number received [7-13](#)
 number transmitted [7-15](#)
 beacon period, status of [7-10](#)
 Beacon Period parameter [5-21](#)
 beacons received
 current [7-11, 7-22](#)
 in site survey active mode [F-11](#)
 in site survey passive mode [F-5](#)
 boot block firmware, current version of [7-6](#)
 broadcast encryption type, status of [7-8](#)
 broadcast key rotation
 described [5-30](#)
 setting on client and access point [5-34](#)
 broadcast packets
 encryption type used [7-8](#)
 number received [7-13](#)
 number transmitted [7-15](#)

broadcast SSIDs [5-4, E-6](#)
 bytes
 number received [7-13](#)
 number transmitted [7-15](#)

C

CAM
 See Constantly Awake Mode (CAM)
 Canadian compliance statement [C-3 to C-4](#)
 Cancel button, function [1-8](#)
 Card and Socket Services [2-4](#)
 carrier/correlation (Car/Cor) [5-12](#)
 caution, defined [xiv](#)
 CCKM
 See fast roaming (CCKM)
 Certificate Properties screen - Windows 98, 98 SE, NT,
 and Me [5-55](#)
 Change Password screen [6-7, 6-13, 6-20, 6-22, 6-27](#)
 Change PIN screen [6-28](#)
 channel
 current [7-9](#)
 determining if clear [5-12](#)
 in site survey active mode [F-12](#)
 in site survey passive mode [F-7](#)
 Channel parameter [5-10](#)
 channels, supported by regulatory domains
 IEEE 802.11a [D-2](#)
 IEEE 802.11b [D-3](#)
 channel set, for which client adapter is configured [7-8](#)
 Cisco.com
 obtaining documentation [xv](#)
 obtaining technical assistance [xvi](#)
 Cisco Aironet Wireless LAN Adapter Setup screen (Install
 Wizard) [3-21](#)
 Cisco Aironet Wireless LAN Client Adapter Installation
 Wizard screen [3-3, 3-15, 9-7](#)
 Cisco Centralized Key Management (CCKM), See fast
 roaming

- Cisco Wireless LAN Adapter Troubleshooting screen [10-4, 10-5](#)
 - CKIP, status of [7-8](#)
 - Clear Channel Assessment parameter [5-12](#)
 - client name [7-9](#)
 - Client Name parameter [5-4](#)
 - client utilities
 - See Aironet Client Utility (ACU) and Aironet Client Monitor (ACM)
 - clock, setting to display seconds [1-7](#)
 - collisions, multiple/single [7-16](#)
 - Commands drop-down menu [6-15, 6-17, 9-13](#)
 - Configure button [5-38, 5-43](#)
 - configuring client adapter
 - deciding between ACU and Windows XP [3-23 to 3-24](#)
 - in ACU [5-1 to 5-62](#)
 - in Windows XP [E-5 to E-19](#)
 - Connection Status screen (ACM) [8-9](#)
 - Constantly Awake Mode (CAM) [5-5](#)
 - Contents ACU menu option [9-15](#)
 - Continuous Link Test parameter
 - in RF link test [7-19](#)
 - in site survey active mode [F-8](#)
 - conventions of document [xiii to xv](#)
 - CRC error
 - in packet [7-13](#)
 - in PLCP header [7-13](#)
 - CTS packets
 - number received [7-16](#)
 - number transmitted [7-15](#)
 - Custom Installation screen (Install Wizard) [3-5, 3-16](#)
-
- D**
- Data Encryption parameter [5-35, 5-37, 5-50](#)
 - data encryption type, status of [7-8](#)
 - data rate
 - for which client adapter is configured [7-9](#)
 - mismatches [7-14](#)
 - specifications [A-4](#)
 - when performing a site survey [F-2](#)
 - Data Rate parameter
 - in RF network [5-8](#)
 - in site survey active mode [F-9](#)
 - Data Retries parameter
 - in RF network [5-13](#)
 - in site survey active mode [F-8](#)
 - dBm
 - signal strength units in site survey [F-3](#)
 - signal strength units on Status and Linktest screens [7-4](#)
 - declarations of conformity
 - European community, Switzerland, Norway, Iceland, and Liechtenstein [C-4 to C-6](#)
 - FCC [C-2 to C-3](#)
 - RF exposure [C-6](#)
 - Defaults button, function [1-8](#)
 - default values, displaying [1-8](#)
 - Delay Between Packets parameter [F-9](#)
 - Destination Is Another Cisco/Aironet Device parameter [F-8](#)
 - Destination MAC Address parameter [F-8](#)
 - diagnosing client adapter operation [10-4 to 10-6](#)
 - dipole antenna [1-4, B-3](#)
 - Disable Firmware Checking parameter (Install Wizard) [3-6, 3-17](#)
 - Display Seconds on Clock parameter [1-7](#)
 - diversity antenna [1-4](#)
 - diversity mode [5-15, 5-19](#)
 - document
 - audience [xii](#)
 - conventions [xiii to xv](#)
 - organization [xii to xiii](#)
 - purpose [xii](#)
 - software versions covered [xii](#)
 - documentation
 - feedback [xvi](#)
 - obtaining [xv to xvi, xvii to xviii](#)
 - ordering [xvi](#)

domain name

- including in Windows login
 - for EAP-FAST [5-45](#)
 - for LEAP [5-40](#)
- specifying for saved EAP-FAST user name and password [5-44](#)
- specifying for saved LEAP user name and password [5-40](#)

driver

- current version [7-6](#)
- described [1-5](#)
- finding version [9-8](#)

Drivers parameter (Install Wizard) [3-6, 3-17](#)

duplicate packets, number received [7-13](#)

dynamic WEP keys, overview [5-23 to 5-27, E-2 to E-4](#)

Dynamic WEP option [5-50](#)

E

EAP authentication

- described [E-4](#)
- overview [5-23 to 5-27, 6-2, E-2 to E-4](#)
- using [6-1 to 6-30](#)

EAP-Cisco Wireless

- See LEAP authentication

EAP-FAST authentication

- authenticating after a reboot/logon
 - with automatically prompted login [6-9 to 6-12](#)
 - with saved username and password [6-21](#)
 - with Windows username and password [6-4 to 6-6](#)
- authenticating after a reboot/logon/card insertion
 - with manually prompted login [6-17 to 6-19](#)
- authenticating after profile selection
 - with manually prompted login [6-13 to 6-16](#)
- authenticating after profile selection/card insertion
 - with automatically prompted login [6-8 to 6-9](#)
 - with saved username and password [6-20](#)
 - with Windows username and password [6-4](#)
- authenticating after your EAP-FAST credentials expire
 - with automatically prompted login [6-13](#)
 - with manually prompted login [6-20](#)
 - with saved username and password [6-22](#)
 - with Windows username and password [6-7](#)
- described [5-24 to 5-25](#)
- disabling [5-62](#)
- enabling [5-42 to 5-49](#)
- error messages [10-24 to 10-32](#)
- overview [6-2 to 6-4](#)
- requirements [5-42](#)
- setting on client and access point [5-31](#)
- stages of [6-3](#)
- user databases supported [5-25](#)

EAP-FAST Authentication Status screen

- displayed [6-3](#)
- minimizing [6-4](#)

EAP-FAST option [5-43](#)

EAP-FAST parameter (Install Wizard) [3-11](#)

EAP-FAST security module [5-25, 5-43](#)

EAP-FAST Settings screen [5-43](#)

EAP-SIM authentication

- authenticating if the PIN is stored on the computer [6-30](#)
- authenticating if you are prompted for the PIN [6-29](#)
- described [5-26 to 5-27, E-3, E-4](#)
- disabling [5-62](#)
- enabling
 - in Windows XP [E-16 to E-19](#)
 - through ACU [5-49 to 5-61](#)
- error messages [10-38 to 10-42](#)
- RADIUS servers supported [5-26, E-4](#)
- setting on client and access point [5-33](#)

EAP-SIM parameter (Install Wizard) [3-10, 3-20](#)

EAP-TLS authentication

- authenticating after a reboot/logon [6-23](#)
- authenticating after profile selection/card insertion [6-23](#)
- described [5-25 to 5-27, E-3, E-4](#)
- disabling [5-62](#)

enabling

- in Windows XP [E-10 to E-12](#)
- through ACU [5-49 to 5-57](#)

RADIUS servers supported [5-25, E-3](#)

setting on client and access point [5-32](#)

EIRP, maximum [1-4, D-4 to D-5](#)

Enable Radio Management Support parameter [5-17](#)

energy detect (ED) [5-12](#)

Enter PAC File Password screen [5-47](#)

Enter PIN screen [6-29](#)

Enter Wireless Network Password screen [6-8, 6-10, 6-14, 6-18](#)

error messages [10-14 to 10-42](#)

errors

- MAC CRC [7-13](#)
- overrun [7-13](#)
- PLCP [7-13](#)

F

Fast PSP [5-5](#)

fast roaming

- described [5-28](#)
- enabling [5-41, 5-48](#)
- setting on client and access point [5-34](#)
- status of [7-8](#)

FCC

- declaration of conformity statement [C-2 to C-3](#)
- safety compliance statement [2-2](#)

firmware

- current version [7-6](#)
- finding version [9-8](#)
- preventing from being installed with driver [9-11 to 9-12](#)
- upgrading [9-8 to 9-10](#)

Firmware parameter (Install Wizard) [3-6, 3-17](#)

forcing client adapter to reassociate [F-13](#)

fragmented packets [5-13](#)

Fragment Threshold parameter [5-13](#)

frequencies [D-2, D-3](#)

frequency

- currently being used [7-9](#)
- in site survey active mode [F-12](#)
- in site survey passive mode [F-7](#)
- setting [5-10](#)

G

Generic Token Card Properties screen - Windows [5-59, E-15](#)

global PACs [5-24, 5-47](#)

H

hardware components of client adapter [1-3 to 1-4](#)

Help

- button, function [1-8](#)
- drop-down menu [9-15](#)
- icon [9-15](#)

history of RF performance, displayed [7-4](#)

Host Based EAP (802.1x) option [5-50](#)

Host Based EAP (WPA) option [5-50](#)

host-based EAP authentication

- described [5-25 to 5-27](#)
- disabling [5-62](#)
- enabling [5-49 to 5-61](#)
- requirements [5-49](#)

host devices [2-4](#)

I

I/O range [10-8](#)

Import button [5-46](#)

Import Protected Access Credentials (PAC) File screen [5-46](#)

Include Windows Logon Domain with User Name parameter

- for EAP-FAST [5-45](#)
- for LEAP [5-40](#)

infrastructure device, defined [1-3](#)

infrastructure network

- parameters [5-14 to 5-17](#)
- selecting in ACU [5-6](#)
- wireless LAN configuration [1-10](#)

inserting client adapter [9-2 to 9-4](#)

installation error messages [10-19 to 10-20](#)

Installation Path parameter

- for ACM (Install Wizard) [3-8, 3-18](#)
- for ACU (Install Wizard) [3-7, 3-18](#)

installing client adapter software

- on Windows 98, 98 SE, 2000, Me, or XP [3-2 to 3-13](#)
- on Windows NT [3-14 to 3-23](#)

Install Wizard file

- described [1-5](#)
- finding version [9-5](#)
- installing [3-2 to 3-23](#)
- name [3-2](#)

interference [2-6](#)

interrupt request (IRQ) [10-8](#)

introduction to client adapters [1-2 to 1-3](#)

IP address

- of access point in link test [7-19](#)
- of access point in site survey active mode [F-12](#)
- of access point in site survey passive mode [F-6](#)
- of associated access point [7-10, 8-11](#)
- of client adapter [7-9, 8-4, 8-11](#)

J

Japan, guidelines for operating client adapters [C-6 to C-7](#)

L

LEAP authentication

- authenticating after a reboot/logon
 - with automatically prompted login [6-9 to 6-12](#)
 - with saved username and password [6-21](#)
 - with Windows username and password [6-4 to 6-6](#)
- authenticating after a reboot/logon/card insertion
 - with manually prompted login [6-17 to 6-19](#)
- authenticating after profile selection
 - with manually prompted login [6-13 to 6-16](#)
- authenticating after profile selection/card insertion
 - with automatically prompted login [6-8 to 6-9](#)
 - with saved username and password [6-20](#)
 - with Windows username and password [6-4](#)
- authenticating after your LEAP credentials expire
 - with automatically prompted login [6-12](#)
 - with manually prompted login [6-19](#)
 - with saved username and password [6-21](#)
 - with Windows username and password [6-6](#)
- described [5-23 to 5-24, 5-26](#)
- disabling [5-62](#)
- enabling [5-38 to 5-42](#)
- error messages [10-20 to 10-23](#)
- overview [6-2 to 6-4](#)
- RADIUS servers supported [5-23](#)
- requirements [5-38](#)
- setting on client and access point [5-31](#)
- stages of [6-3](#)

LEAP Authentication Status screen

- displayed [6-3](#)
- minimizing [6-4](#)

LEAP login screen, appearing before Windows login screen [10-13](#)

LEAP option [5-38](#)

LEAP parameter (Install Wizard) [3-10, 3-20](#)

LEAP security module [5-24, 5-38](#)

- LEAP Settings screen [5-39](#)
- LEDs
 - described [1-4](#)
 - interpreting [10-2 to 10-3](#)
 - using to verify installation [3-23](#)
- link quality
 - in link test [7-22](#)
 - in site survey active mode [F-12](#)
 - in site survey passive mode [F-6](#)
 - overall [7-11, 8-4, 8-10](#)
- link speed
 - currently being used [7-9, 8-4, 8-11](#)
 - in link test [7-21](#)
 - in site survey active mode [F-12](#)
 - in site survey passive mode [F-6](#)
- Link Status Meter
 - ACU menu option [7-16](#)
 - icon [7-16](#)
 - screen [7-17](#)
 - viewing [7-16 to 7-18](#)
- Linktest
 - ACU menu option [7-18](#)
 - screen [7-19, 7-20](#)
 - statistics [7-21](#)
- Link Test icon [7-18](#)
- LM card
 - antenna [1-4, 5-15, 5-19](#)
 - described [1-2](#)
- Load Firmware icon [1-5, 9-10](#)
- Load New Firmware
 - ACU menu option [1-5, 9-10](#)
 - screen [9-10](#)
- long radio headers, using [5-9](#)
- of access point in site survey active mode [F-8](#)
- of associated access point [7-10](#)
- of client adapter [7-9](#)
- MAC CRC errors [7-13](#)
- Manual Login ACU menu option [6-14, 6-17](#)
- Manually Prompt for User Name and Password option
 - for EAP-FAST [5-44](#)
 - for LEAP [5-40](#)
- Max Power Savings
 - See Max PSP
- Max PSP [5-5](#)
- Menu Options (Defaults) parameter for ACM (Install Wizard) [3-9, 3-20](#)
- message integrity check (MIC)
 - described [5-30, 7-7](#)
 - setting on client and access point [5-34](#)
 - statistics [7-14 to 7-15](#)
 - status of [7-7](#)
 - types of [7-7](#)
- Michael MIC [7-7](#)
- microcellular network [1-10](#)
- Microsoft 802.1X supplicant [5-49](#)
- Microsoft hot fix
 - described [10-14](#)
 - uninstalling [9-17](#)
- Microsoft TCP/IP Properties screen (Install Wizard) [3-22](#)
- mini PCI card
 - antenna [1-4, 5-15, 5-19](#)
 - described [1-2](#)
 - losing association upon resuming from suspend mode [10-12](#)
- MMH MIC [7-7](#)
- multicast packets
 - encryption type used [7-8](#)
 - in site survey active mode [F-9](#)
 - number received [7-13](#)
 - number transmitted [7-15](#)

M

MAC address

- of access point, specifying [5-16](#)
- of access point in link test [7-21](#)

N

network

- configurations [1-8 to 1-10](#)
- prioritizing connections [10-11 to 10-12](#)
- problems connecting to [10-11](#)
- security parameters
 - described [5-2, 5-21](#)
 - setting [5-21 to 5-62](#)
- type, current [7-10](#)
- Network Authentication parameter [5-35, 5-37, 5-38, 5-42, 5-62](#)
- network login screen [6-11, 6-12](#)
- Network Security screen [5-21](#)
- Network Type parameter [5-6](#)
- noise level
 - current [7-11](#)
 - in link test [7-22](#)
 - in site survey active mode [F-11](#)
 - in site survey passive mode [F-5](#)
- No Network Connection Unless User Is Logged In parameter
 - for EAP-FAST [5-45](#)
 - for LEAP [5-40](#)
- note, defined [xiii](#)
- Number of Packets parameter
 - in link test [7-19](#)
 - in site survey active mode [F-8](#)

O

- OK button, function [1-8](#)
- One Time Password screen [6-26](#)
- online help
 - for ACM [8-5](#)
 - for ACU [9-15](#)
 - for troubleshooting utility [10-7](#)
- open authentication [5-36, E-7](#)
- Options drop-down menu [1-7, 4-10, 7-3, 9-11, F-3](#)

- organization of document [xii to xiii](#)
- overrun errors [7-13](#)

P

- PAC authority
 - choosing [5-45](#)
 - drop-down list [5-46](#)
- package contents [2-3](#)
- packets
 - Ack [7-15](#)
 - aged [7-14, 7-16](#)
 - beacon [5-21, 7-10, 7-13, 7-15](#)
 - broadcast [7-8, 7-13, 7-15](#)
 - CTS [7-15, 7-16](#)
 - duplicate [7-13](#)
 - fragmented [5-13](#)
 - linktest statistics [7-21](#)
 - multicast [7-8, 7-13, 7-15, F-9](#)
 - RTS [5-16, 5-20, 7-15](#)
 - site survey active mode statistics [F-11 to F-13](#)
 - site survey passive mode statistics [F-5 to F-7](#)
 - statistics [7-13 to 7-16](#)
 - unicast [7-8, 7-13, 7-15](#)
 - with MIC [7-14 to 7-15](#)
- Packet Size parameter [7-19, F-8](#)
- Packet Tx Type parameter [F-9](#)
- PAC provisioning
 - automatic [5-45](#)
 - enabling manual provisioning [5-46 to 5-47](#)
 - manual [5-45](#)
- PACs
 - deleting [5-49](#)
 - described [5-24](#)
 - entering password [5-47](#)
 - importing [5-46 to 5-47](#)
 - rules for storage [5-24](#)
- passwords, creating [10-13](#)

- PC card
 - antenna [1-4, 5-15, 5-19](#)
 - described [1-2](#)
 - inserting [9-2 to 9-3](#)
 - removing [9-4](#)
- PC-Cardbus card
 - antenna [1-4](#)
 - described [1-2](#)
 - inserting [9-2 to 9-3](#)
 - profiles tied to slot [4-3](#)
 - removing [9-4](#)
- PCI card
 - antenna [1-4, 5-15, 5-19](#)
 - described [1-2](#)
 - inserting [9-3 to 9-4](#)
 - removing [9-5](#)
- PEAP authentication
 - authenticating after profile selection/card insertion/reboot/logon [6-24 to 6-26](#)
 - authenticating after your password expires (Windows NT or 2000 domain databases) [6-27](#)
 - authenticating after your PIN expires (OTP databases) [6-28](#)
 - described [5-25 to 5-27, E-3, E-4](#)
 - disabling [5-62](#)
 - enabling
 - in Windows XP [E-13 to E-16](#)
 - through ACU [5-49 to 5-60](#)
 - error messages [10-32 to 10-37](#)
 - RADIUS servers supported [5-26, E-3](#)
 - setting on client and access point [5-32](#)
- PEAP parameter (Install Wizard) [3-11, 3-21](#)
- PEAP Properties screen - Windows [5-58, E-14](#)
- peer-to-peer network [1-9, 5-6](#)
- percent
 - signal strength units in site survey [F-3](#)
 - signal strength units on Status and Linktest screens [7-4](#)
- Percent Successful histogram, in site survey active mode [F-9, F-13](#)
- Percent Success Threshold parameter [F-9](#)
- physical specifications [A-2](#)
- Place Icon on Desktop parameter (Install Wizard) [3-7, 3-18](#)
- PLCP
 - CRC errors [7-13](#)
 - format errors [7-13](#)
 - length errors [7-13](#)
- power level
 - current [7-9](#)
 - maximum [D-4 to D-5](#)
- power levels, available [7-9](#)
- power save mode, currently being used [7-10](#)
- Power Save Mode parameter [5-5](#)
- power specifications [A-6](#)
- Preferences
 - ACU menu option [1-7, 4-10, 7-3, 9-11, F-3](#)
 - icon [1-7, 4-10, 7-3, 9-11, F-3](#)
- product model numbers [1-3](#)
- profile
 - active [8-3, 8-10](#)
 - current [7-6](#)
 - default [7-6](#)
 - displayed in ACU title bar [1-7](#)
- Profile Manager
 - ACU menu option [4-2](#)
 - icon [4-2](#)
 - screen
 - displayed [4-2](#)
 - parameters missing [4-3, 10-12](#)
- profile manager
 - auto profile selection feature [4-4 to 4-6](#)
 - creating a new profile [4-3](#)
 - deleting a profile [4-8](#)
 - editing a profile [4-7](#)
 - exporting a profile [4-9](#)
 - granting or denying access to non-administrative users [4-10 to 4-11](#)
 - importing a profile [4-9](#)
 - opening [4-2 to 4-3](#)

- overview [4-2](#)
- parameters missing [4-3, 10-12](#)
- renaming a profile [4-8](#)
- selecting the active profile [4-6 to 4-7](#)
- setting a profile to default values [4-8](#)
- Profiles Submenu (ACM) [8-8](#)
- Program Feature Overrides parameter for ACM (Install Wizard) [3-9, 3-19](#)
- Program Folder parameter
 - for ACM (Install Wizard) [3-8, 3-18](#)
 - for ACU (Install Wizard) [3-7, 3-18](#)
- Protected EAP
 - See PEAP authentication
- purpose of document [xii](#)

Q

- quiet mode, turning on or off [3-7, 3-18, 9-16](#)

R

- radio
 - described [1-3](#)
 - specifications [A-3 to A-6](#)
 - turning on or off [8-7, 9-16](#)
- radio management (RM)
 - described [5-17](#)
 - reports transmitted [7-15](#)
 - requests received [7-13](#)
- RADIUS servers
 - additional information [5-27, E-4](#)
 - defined [5-23, E-2](#)
 - supported [5-23 to 5-26, E-3, E-4](#)
- range [5-8, 5-11](#)
- Reauthenticate
 - ACM menu option [8-8](#)
 - ACU menu option [6-30](#)
- reauthentication process [6-30](#)
- receive statistics [7-13 to 7-15](#)
- regulatory
 - domains [5-10, 7-8](#)
 - IEEE 802.11a [D-2](#)
 - IEEE 802.11b [D-3](#)
 - information [C-2 to C-8](#)
 - specifications [A-7](#)
- related publications [xv](#)
- removing client adapter [9-4 to 9-5](#)
- Reset button [7-13, 7-15](#)
- resource conflicts, resolving
 - in Windows 2000 [10-9 to 10-10](#)
 - in Windows 98, 98 SE, and Me [10-8](#)
 - in Windows NT [10-9](#)
 - in Windows XP [10-10](#)
- Restart Card
 - ACU menu option [9-15](#)
 - button, in site survey [F-13](#)
- restarting client adapter [9-15, F-13](#)
- RF link test
 - prerequisites [7-18](#)
 - running [7-18 to 7-22](#)
 - stopping [7-22](#)
- RF network parameters
 - described [5-2, 5-7](#)
 - setting [5-7 to 5-13](#)
- RF Network screen [5-7](#)
- RF obstructions [2-6, F-3](#)
- RM reports transmitted [7-15](#)
- RM requests received [7-13](#)
- roaming [1-10](#)
- RTS packets
 - advanced ad hoc parameters [5-20](#)
 - advanced infrastructure parameters [5-16](#)
 - number retransmitted [7-16](#)
 - number transmitted [7-15](#)
- RTS Retry Limit parameter
 - ad hoc mode [5-20](#)
 - infrastructure mode [5-16](#)

RTS Threshold parameter

- ad hoc mode [5-20](#)
- infrastructure mode [5-16](#)

S

safety

- information [2-2 to 2-3](#)
- specifications [A-7](#)

saved username and password

- described
 - for EAP-FAST [5-44](#)
 - for LEAP [5-39](#)

entering

- for EAP-FAST [5-44](#)
- for LEAP [5-40](#)

Screen Update Timer parameter [7-4](#)

seamless roaming [1-10](#)

security features

- overview [5-23 to 5-30](#)
- synchronizing [5-31 to 5-34](#)

Select a PAC Authority To Use with This Profile
parameter [5-46](#)

Select A Wireless LAN Adapter Card screen [3-25](#)

Select Profile

- ACM menu option [8-8 to 8-9](#)
- ACU menu option [4-4](#)
- icon [4-4](#)
- screen [4-4](#)

sensitivity [A-4, F-2](#)

serial number of client adapter [7-6](#)

server-based authentication, status of [7-7](#)

Set Quiet Mode? parameter (Install Wizard) [3-7, 3-18](#)

Setup button, in site survey [F-7](#)

shared authentication [E-7](#)

shared key authentication [5-36](#)

short radio headers

- status of [7-6](#)
- using [5-9](#)

Show History parameter [7-4](#)

signal quality

- current [7-11](#)
- in link test [7-21](#)
- in site survey active mode [F-11](#)
- in site survey passive mode [F-5](#)
- on Link Status Meter screen [7-17](#)

signal strength

- as a percentage [7-4, F-3](#)
- current [7-11](#)
- in dBm [7-4, F-3](#)
- in link test [7-21](#)
- in site survey active mode [F-11](#)
- in site survey passive mode [F-5](#)
- on Link Status Meter screen [7-17](#)

Signal Strength Display Units parameter [7-4](#)

signal to noise ratio

- current [7-11](#)
- in link test [7-22](#)
- in site survey active mode [F-12](#)
- in site survey passive mode [F-6](#)

SIM Authentication Properties screen [5-61](#)

SIM Authentication Properties screen - Windows XP [E-18](#)

site requirements

- for client devices [2-6](#)
- for infrastructure devices [2-5](#)

Site Survey

- Active Mode screen [F-10](#)
- Active Mode Setup screen [F-7](#)
- ACU menu option [F-3](#)
- icon [F-3](#)
- Passive Mode screen [F-4](#)

site survey

- active mode
 - overview [F-2](#)
 - setting parameters [F-8 to F-9](#)
 - starting [F-9](#)
 - statistics [F-11 to F-13](#)
 - using [F-7 to F-13](#)

- exiting [F-7, F-13](#)
 - guidelines [F-2](#)
 - passive mode
 - overview [F-2](#)
 - statistics [F-5 to F-7](#)
 - using [F-3 to F-7](#)
 - specifying signal strength units [F-3](#)
- Smart Card or other Certificate Properties screen - Windows [5-56, E-11](#)
- software
 - installing on Windows 98, 98 SE, 2000, Me, or XP [3-2 to 3-13](#)
 - installing on Windows NT [3-14 to 3-23](#)
 - procedures [9-5 to 9-15](#)
 - uninstalling [9-6 to 9-7](#)
 - verifying installation [3-23](#)
- software components
 - custom installation parameters [3-6 to 3-12, 3-17 to 3-21](#)
 - described [1-5 to 1-8](#)
- software required for WPA [2-4, 5-27, 5-49, E-4](#)
- software versions covered in document [xii](#)
- specifications
 - physical [A-2](#)
 - power [A-6](#)
 - radio [A-3 to A-6](#)
 - regulatory compliance [A-7](#)
 - safety [A-7](#)
- Specified Access Point 1- 4 parameters [5-16](#)
- spread spectrum [1-3](#)
- SSID
 - current [7-10, 8-3, 8-11](#)
 - mismatches [7-14](#)
- SSID1 parameter [5-4](#)
- SSID2 parameter [5-4](#)
- SSID3 parameter [5-4](#)
- Start After Install parameter for ACM (Install Wizard) [3-8, 3-19](#)
- Start button
 - function [1-8](#)
 - in RF link test [7-20](#)
 - in site survey [F-9](#)
- Static Password screen [6-25](#)
- static WEP
 - disabling [5-37](#)
 - procedures [5-35 to 5-37](#)
 - with open authentication, setting on client and access point [5-31](#)
 - with shared key authentication, setting on client and access point [5-31](#)
- Static WEP Keys
 - button [5-35, 5-37](#)
 - screen [5-35](#)
- static WEP keys
 - entering [5-35 to 5-36](#)
 - guidelines for entering
 - in ACU [5-36](#)
 - in Windows XP [E-8](#)
 - overview [5-23, E-2](#)
 - overwriting [5-37](#)
 - selecting transmit key [5-36](#)
 - size of [5-35](#)
- Static WEP option [5-35](#)
- Statistics
 - ACU menu option [7-12](#)
 - icon [7-12](#)
 - screen [7-12](#)
- statistics
 - client adapter, viewing [7-12 to 7-16](#)
 - link test [7-21](#)
 - receive [7-13 to 7-15](#)
 - site survey
 - active mode [F-11 to F-13](#)
 - passive mode [F-5 to F-7](#)
 - transmit [7-15 to 7-16](#)

Status

- ACU menu option [7-4, 9-8](#)
- icon [7-4, 9-8](#)
- screen [7-5](#)
- status of client adapter
 - in ACM Connection Status screen [8-9 to 8-11](#)
 - in ACM Tool Tip window [8-4](#)
 - in ACU status bar [1-7](#)
 - in ACU Status screen [7-4 to 7-11](#)
 - in link test [7-21](#)
 - in Windows XP [E-20](#)

Stop button

- function [1-8](#)
- in site survey active mode [F-13](#)

strong passwords, creating [10-13](#)

system parameters

- described [5-2, 5-3](#)
- setting [5-3 to 5-6](#)

System Parameters screen [5-3](#)system requirements [2-4 to 2-5](#)

selecting options

- for EAP-FAST [5-44](#)
- for LEAP [5-40](#)
- using Windows credentials
 - for EAP-FAST [5-44](#)
 - for LEAP [5-40](#)
- throughput [5-5, 5-8, 5-9, 5-13](#)
- TKIP option, in Windows XP [5-53, E-8](#)
- transmit key [5-36](#)
- Transmit Power parameter [5-11](#)
- transmit statistics [7-15 to 7-16](#)
- Troubleshooting ACU menu option [10-4](#)
- troubleshooting information, accessing [10-2](#)
- troubleshooting utility
 - accessing help [10-7](#)
 - activating from ACM [8-6](#)
 - saving detailed report to text file [10-6 to 10-7](#)
 - using [10-4 to 10-7](#)
- Turn Quiet Mode Off, ACU menu option [9-16](#)
- Turn Quiet Mode On, ACU menu option [9-16](#)
- Turn Radio Off
 - ACM menu option [8-8](#)
 - ACU menu option [9-16](#)
- Turn Radio On
 - ACM menu option [8-8](#)
 - ACU menu option [9-16](#)

TTaiwan, administrative rules for client adapters [C-7 to C-8](#)technical assistance, obtaining [xvi to xvii](#)

Temporal Key Integrity Protocol (TKIP)

- described [5-30](#)
- setting on client and access point [5-34](#)
- status of [7-8](#)

temporary username and password

- automatically prompt for
 - for EAP-FAST [5-44](#)
 - for LEAP [5-40](#)
- described
 - for EAP-FAST [5-44](#)
 - for LEAP [5-39](#)
- manually prompt for
 - for EAP-FAST [5-44](#)
 - for LEAP [5-40](#)

U

unicast packets

- encryption type used [7-8](#)
- in site survey active mode [F-9](#)
- number received [7-13](#)
- number transmitted [7-15](#)
- uninstalling client adapter software [9-6 to 9-7](#)
- unpacking the client adapter [2-3](#)
- Unplug or Eject Hardware icon (Windows) [9-4](#)

- upgrading client adapter software
 - on Windows 98, 98 SE, 2000, Me, or XP [3-2 to 3-13](#)
 - on Windows NT [3-14 to 3-23](#)
 - upgrading firmware [9-8 to 9-10](#)
 - up time
 - statistic [7-15](#)
 - status of [7-10](#)
 - Use Another Application to Configure My Wireless Settings option [4-7](#)
 - Use Auto Profile Selection option [4-7, 8-8](#)
 - Use Other Configuration Application (ACM) [8-8](#)
 - User Prompt screen [6-10, 6-16, 6-18](#)
 - Use Saved User Name and Password option
 - for EAP-FAST [5-44](#)
 - for LEAP [5-39](#)
 - Use Selected Profile option [4-6](#)
 - Use Short Radio Headers parameter [5-9](#)
 - Use Temporary User Name and Password option
 - for EAP-FAST [5-44](#)
 - for LEAP [5-39](#)
 - Use Windows Logon User Name and Password option
 - for EAP-FAST [5-44](#)
 - for LEAP [5-40](#)
 - Use Windows to configure my wireless network settings parameter - Windows XP [5-52, E-6](#)
-
- W**
- Wake Duration parameter [5-20](#)
 - warning
 - defined [xiv to xv](#)
 - dipole antenna [2-3, B-3](#)
 - explosive device proximity [2-3, B-2](#)
 - laptop users [2-3, B-4 to B-5](#)
 - WEP
 - designation in product model numbers [1-3](#)
 - keys
 - additional security features [5-29 to 5-30](#)
 - defined [5-23, E-2](#)
 - size of [5-23, E-2](#)
 - types of [5-23, E-2](#)
 - status of [7-8](#)
 - WEP Key Entry Method parameter [5-35](#)
 - WEP key hashing [5-30](#)
 - WEP option, in Windows XP [E-8](#)
 - Wi-Fi Protected Access (WPA)
 - See WPA
 - Wi-Fi Protected Access (WPA) parameter [5-38, 5-42, 5-50](#)
 - Windows login screen [6-5](#)
 - Windows Wireless Network Connection icon, shows unavailable connection [10-12](#)
 - Windows XP
 - configuring client adapter through [E-5 to E-19](#)
 - enabling EAP-SIM authentication [E-16 to E-19](#)
 - enabling EAP-TLS authentication [E-10 to E-12](#)
 - enabling PEAP authentication [E-13 to E-16](#)
 - feature comparison to ACU [3-23 to 3-24](#)
 - inability to use fast user switching [3-10, 3-11](#)
 - making a configuration decision [3-23 to 3-24](#)
 - security features [E-2 to E-4](#)
 - viewing status of client adapter [E-20](#)
 - wireless infrastructure [1-10](#)
 - Wireless Network Connection Properties screen (Authentication Tab) - Windows [5-54](#)
 - Wireless Network Connection Properties screen (Wireless Networks Tab) - Windows [5-52, E-6](#)
 - Wireless Network Connection Status screen - Windows XP [E-20](#)
 - Wireless Network Properties screen (Association Tab) - Windows [5-53](#)
 - Wireless Network Properties screen (Association Tab) - Windows XP [E-7](#)
 - Wireless Network Properties screen (Authentication Tab) - Windows XP [E-10, E-13, E-17](#)
 - workstation
 - defined [1-3](#)
 - in wireless infrastructure [1-10](#)
 - World Mode parameter [5-9](#)

WPA

- described [5-27](#), [E-4 to E-5](#)
 - enabling in Windows XP [E-8](#)
 - enabling with EAP-FAST through ACU [5-42](#)
 - enabling with host-based EAP in ACU [5-50](#)
 - enabling with host-based EAP on Windows 2000 [5-51](#)
 - enabling with host-based EAP on Windows XP [5-51 to 5-53](#)
 - enabling with LEAP through ACU [5-38](#)
 - mismatches [7-14](#)
 - requirements [5-38](#), [5-49](#)
 - software required [2-4](#), [5-27](#), [5-49](#), [E-4](#)
 - status of authentication [7-8](#)
- WPA migration mode [5-28](#)
- WPA-None option, in Windows XP [E-8](#)
- WPA option, in Windows XP [5-53](#), [E-8](#)
- WPA-PSK, described [5-27](#), [E-4](#)
- WPA-PSK option, in Windows XP [E-8](#)