



About This Guide

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The Cisco Access Registrar User's Guide provides information about how to use Cisco AR 4.1. This preface contains the following sections:

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- [Obtaining Documentation, Obtaining Support, and Security Guidelines](#), page xxviii
- [Notices](#), page xxix

How This Book Is Organized

The Cisco AR User Guide is organized as follows:

[Chapter 1, "Overview,"](#) provides an overview of Cisco AR.

[Chapter 2, "Using the aregcmd Commands,"](#) provides information about using **aregcmd** commands.

[Chapter 3, "Using the Graphical User Interface,"](#) provides information about using the Cisco AR GUI.

[Chapter 4, "Access Registrar Server Objects,"](#) provides information about Cisco AR server objects.

[Chapter 5, "Using the radclient Command,"](#) provides information about using **radclient** commands to test Cisco AR.

[Chapter 6, "Configuring Local Authentication and Authorization,"](#) provides information about how to configure local authentication and authorization and helpful examples.

[Chapter 7, "RADIUS Accounting,"](#) provides information about RADIUS accounting and how to configure Cisco AR 4.1 to perform accounting.

[Chapter 8, "Extensible Authentication Protocols,"](#) provides information about Cisco AR 4.1 support of EAP authentication methods.

[Chapter 9, "Using Extension Points,"](#) provides information about how to use Cisco AR scripting to customize your RADIUS server.

[Chapter 10, "Using Replication,"](#) provides information about how to use the replication feature.

[Chapter 11, "Using On-Demand Address Pools,"](#) provides information about using On-Demand Address Pools.

[Chapter 12, "Using Identity Caching,"](#) provides information about using the Identity Caching feature.

[Chapter 13, "Using Trusted ID Authorization with SESM,"](#) describes how to use Cisco AR with SESM, and how to configure Cisco AR to use the Trusted ID feature.

Chapter 14, “Using Prepaid Billing,” provides information about how to use the Cisco AR prepaid billing feature.

Chapter 15, “Using Cisco Access Registrar Server Features,” provides information about using Cisco AR features.

Chapter 16, “Directing RADIUS Requests,” provides information about using the Cisco AR Policy Engine.

Chapter 17, “Wireless Support,” provides information about Cisco AR support for wireless features.

Chapter 18, “Using LDAP,” provides information about using an LDAP remote server with Cisco AR.

Chapter 19, “Using Open Database Connectivity,” provides information about a new type of RemoteServer object and a new service to support ODBC.

Chapter 21, “Backing Up the Database,” describes the Cisco AR shadow backup facility, which ensures a consistent snapshot of Cisco AR’s database for backup purposes.

Chapter 22, “Using the REX Accounting Script,” describes how to use the REX Accounting scripts.

Chapter 23, “Logging Syslog Messages,” provides information about logging messages via syslog and centralized error reporting for Cisco AR.

Chapter 24, “Troubleshooting Cisco Access Registrar,” provides information about techniques used when troubleshooting Cisco AR and highlights common problems.

Appendix A, “Cisco Access Registrar Tcl and REX Dictionaries,” describes the Tcl and REX dictionaries that are used when writing Incoming or Outgoing scripts for use with Cisco AR.

Appendix B, “Environment Dictionary,” describes the environment variables the scripts use to communicate with Cisco AR or to communicate with other scripts.

Appendix C, “RADIUS Attributes,” lists the RFC 2865 RADIUS attributes with their names and values.

An index is also provided.

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:

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