



About This Guide

The *User Guide for Cisco Prime Access Registrar, 6.0* provides information about how to use Cisco Prime Access Registrar (Cisco Prime AR) 6.0. This preface contains the following sections:

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How This Book Is Organized

The Cisco Prime AR User Guide is organized as follows:

[Chapter 1, “Overview,”](#) provides an overview of Cisco Prime 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 Prime AR GUI.

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

[Chapter 5, “Using the radclient Command,”](#) provides information about using **radclient** commands to test Cisco Prime 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 Prime AR to perform accounting.

[Chapter 20, “Using LDAP,”](#) provides information about using an LDAP remote server with Cisco Prime AR.

[Chapter 8, “Diameter”](#) provides information about how to configure Cisco Prime AR to perform diameter authentication and authorization, and also provides information about Diameter Accounting.

[Chapter 9, “Extensible Authentication Protocols,”](#) provides information about Cisco Prime AR support of EAP authentication methods.

[Chapter 10, “Using WiMAX in Cisco Prime Access Registrar,”](#) provides information about Cisco Prime AR support for the WiMAX feature.

[Chapter 11, “Using Extension Points,”](#) provides information about how to use Cisco Prime AR scripting to customize your RADIUS server.

[Chapter 12, “Using Replication,”](#) provides information about how to use the replication feature.

[Chapter 13, “Using On-Demand Address Pools,”](#) provides information about using On-Demand Address Pools.

[Chapter 14, “Using Identity Caching,”](#) provides information about using the Identity Caching feature.

[Chapter 15, “Using Trusted ID Authorization with SESM,”](#) describes how to use Cisco Prime AR with SESM, and how to configure Cisco Prime AR to use the Trusted ID feature.

[Chapter 16, “Using Prepaid Billing,”](#) provides information about how to use the Cisco Prime AR prepaid billing feature.

[Chapter 17, “Using Cisco Prime Access Registrar Server Features,”](#) provides information about using Cisco Prime AR features.

[Chapter 18, “Directing RADIUS Requests,”](#) provides information about using the Cisco Prime AR Policy Engine.

[Chapter 19, “Wireless Support,”](#) provides information about Cisco Prime AR support for wireless features.

[Chapter 21, “Using Open Database Connectivity,”](#) provides information about a new type of RemoteServer object and a new service to support ODBC.

[Chapter 22, “SIGTRAN-M3UA,”](#) provides information about SIGTRAN-M3UA remote server and a service to support EAP-AKA/EAP-SIM authentication.

[Chapter 23, “Using SNMP,”](#) provides information about the SNMP MIB and Trap support offered by Cisco Prime AR.

[Chapter 24, “Enforcement of Licensing Models,”](#) provides information on the enforcement of Cisco Prime AR’s new license model—transactions per second(TPS) Licensing.

[Chapter 25, “Backing Up the Database,”](#) describes the Cisco Prime AR shadow backup facility, which ensures a consistent snapshot of Cisco Prime AR’s database for backup purposes.

[Chapter 26, “Using the REX Accounting Script,”](#) describes how to use the REX Accounting scripts.

[Chapter 27, “Logging Syslog Messages,”](#) provides information about logging messages via syslog and centralized error reporting for Cisco Prime AR.

[Chapter 28, “Troubleshooting Cisco Prime Access Registrar,”](#) provides information about techniques used when troubleshooting Cisco Prime AR and highlights common problems.

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

[Appendix B, “Environment Dictionary,”](#) describes the environment variables the scripts use to communicate with Cisco Prime 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 and Submitting a Service Request

For information on obtaining documentation, submitting a service request, and gathering additional information, 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>

Subscribe to the *What's New in Cisco Product Documentation* as a Really Simple Syndication (RSS) feed and set content to be delivered directly to your desktop using a reader application. The RSS feeds are a free service and Cisco currently supports RSS Version 2.0.

Related Documentation

The following is a list of documentation for Cisco Prime AR 6.0. You can access the URLs listed for each document at www.cisco.com on the World Wide Web. We recommend that you refer to the documents in the following order:

Cisco Prime Access Registrar 6.0 Documentation Guide (OL-26927)

http://www.cisco.com/en/US/docs/net_mgmt/prime/access_registrar/6.0/roadmap/guide/PrintPDF/ardocgd.html

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