Preface

The *Cisco Prime Access Registrar 6.1 User Guide* provides information about how to use Cisco Prime Access Registrar (known as Prime Access Registrar hereafter) 6.1. This preface contains the following sections:

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Document Organization

The *Prime Access Registrar User Guide* is organized as follows:

Chapter 1, "Overview," provides an overview of Prime Access Registrar.

Chapter 2, "Using the aregcmd Commands," provides information about using **aregcmd** commands.

Chapter 3, "Using the Graphical User Interface," provides information about using the Prime Access Registrar GUI.

Chapter 4, "Cisco Prime Access Registrar Server Objects," provides information about Prime Access Registrar server objects.

Chapter 5, "Using the radclient Command," provides information about using **radclient** commands to test Prime Access Registrar.

Chapter 6, "RADIUS Accounting," provides information about RADIUS accounting and how to configure Prime Access Registrar to perform accounting.

Chapter 7, "Configuring Local Authentication and Authorization," provides information about how to configure local authentication and authorization and helpful examples.

Chapter 8, "Diameter" provides information about how to configure Prime Access Registrar to perform diameter authentication and authorization, and also provides information about Diameter Accounting.

Chapter 9, "Extensible Authentication Protocols," provides information about Prime Access Registrar support of EAP authentication methods.

Chapter 10, "Using WiMAX in Cisco Prime Access Registrar," provides information about Prime Access Registrar support for the WiMAX feature.

Chapter 11, "Using Extension Points," provides information about how to use Prime Access Registrar 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 Prime Access Registrar with SESM, and how to configure Prime Access Registrar to use the Trusted ID feature.

Chapter 16, "Using Prepaid Billing," provides information about how to use the Prime Access Registrar prepaid billing feature.

Chapter 17, "Using Cisco Prime Access Registrar Server Features," provides information about using Prime Access Registrar features.

Chapter 18, "Directing RADIUS Requests," provides information about using the Prime Access Registrar Policy Engine.

Chapter 19, "Using FastRules to Process Packet Flow," provides information about using FastRules for processing packet flow.

Chapter 20, "Wireless Support," provides information about Prime Access Registrar support for wireless features.

Chapter 21, "Using LDAP," provides information about using an LDAP remote server with Prime Access Registrar.

Chapter 22, "Using Open Database Connectivity," provides information about a new type of RemoteServer object and a new service to support ODBC.

Chapter 23, "SIGTRAN-M3UA," provides information about SIGTRAN-M3UA remote server and a service to support EAP-AKA/EAP-SIM authentication.

Chapter 24, "Using SNMP," provides information about the SNMP MIB and Trap support offered by Prime Access Registrar.

Chapter 25, "Enforcement of Licensing Models," provides information on the enforcement of Prime Access Registrar's new license model—transactions per second (TPS) Licensing.

Chapter 26, "Backing Up the Database," describes the Prime Access Registrar shadow backup facility, which ensures a consistent snapshot of Prime Access Registrar's database for backup purposes.

Chapter 27, "Using the REX Accounting Script," describes how to use the REX Accounting scripts.

Chapter 28, "Logging Syslog Messages," provides information about logging messages via syslog and centralized error reporting for Prime Access Registrar.

Chapter 29, "Troubleshooting Cisco Prime Access Registrar," provides information about techniques used when troubleshooting Prime Access Registrar 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 Prime Access Registrar.

Appendix B, "Environment Dictionary," describes the environment variables the scripts use to communicate with Prime Access Registrar or to communicate with other scripts.

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

Glossary and index are also provided.

Related Documentation

For a complete list of Prime Access Registrar 6.1 documentation, see the *Cisco Prime Access Registrar 6.1 Documentation Overview*.

Note We sometimes update the documentation after original publication. Therefore, you should also review the documentation on Cisco.com for any updates.

Obtaining Documentation and Submitting a Service Request

For information on obtaining documentation, using the Cisco Bug Search Tool (BST), submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at: http://www.cisco.com/en/US/docs/general/whatsnew/whatsnew.html.

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