



## Preface

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The *Cisco Prime Access Registrar 6.0.1 User Guide* provides information about how to use Cisco Prime Access Registrar (known as Prime Access Registrar hereafter) 6.0.1. 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, “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 Prime Access Registrar to perform accounting.

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

[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, “Wireless Support,”](#) provides information about Prime Access Registrar 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 Prime Access Registrar.

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

[Chapter 25, “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 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 Prime Access Registrar.

[Chapter 28, “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

The following is a list of documentation available for Prime Access Registrar 6.0.1:

- [Cisco Prime Access Registrar 6.0.1 User Guide](#)
- [Cisco Prime Access Registrar 6.0.1 Release Notes](#)



### 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, submitting a service request, and gathering additional information, see *What's New in Cisco Product Documentation* at:

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