



## DOCUMENTATION GUIDE



## Documentation Guide for Cisco Access Registrar, 4.2

The following is a list of the documentation for CAR 4.2. You can access the URLs listed for each document at [www.cisco.com](http://www.cisco.com) on the World Wide Web. We recommend that you refer to the documentation in the following order:

- *Documentation Guide for Cisco Access Registrar, 4.2* (78-18785-01)  
[http://cisco.com/en/US/docs/net\\_mgmt/access\\_registrar/4.2/roadmap/guide/ardocgd.html](http://cisco.com/en/US/docs/net_mgmt/access_registrar/4.2/roadmap/guide/ardocgd.html)
- *Release Notes for Cisco Access Registrar, 4.2* (OL-17223-01)  
[http://cisco.com/en/US/docs/net\\_mgmt/access\\_registrar/4.2/release/notes/42relnot.html](http://cisco.com/en/US/docs/net_mgmt/access_registrar/4.2/release/notes/42relnot.html)
- *Cisco Access Registrar Installation and Configuration Guide, 4.2* (OL-17221-01)  
[http://cisco.com/en/US/docs/net\\_mgmt/access\\_registrar/4.2/installation/guide/incfg.html](http://cisco.com/en/US/docs/net_mgmt/access_registrar/4.2/installation/guide/incfg.html)
- *Cisco Access Registrar User Guide, 4.2* (OL-17222-01)  
[http://cisco.com/en/US/docs/net\\_mgmt/access\\_registrar/4.2/user/guide/users.html](http://cisco.com/en/US/docs/net_mgmt/access_registrar/4.2/user/guide/users.html)

# 1 Release Notes for Cisco Access Registrar, 4.2

The *Release Notes for Cisco Access Registrar, 4.2* contain information about the CAR product including new features, license information, software download instructions, installation instructions, and information about known anomalies in CAR 4.2 software.

## 2 Cisco Access Registrar Installation and Configuration Guide, 4.2

The *Installing and Configuring Cisco Access Registrar, 4.2* provides information about installing, configuring, and customizing CAR 4.2. This guide is intended to be used by experienced network administrators with working knowledge of the Solaris UNIX operating system.

This guide contains the following chapters:

- [Chapter 1, “Overview,”](#) provides an overview of the installation process and dialog, information about downloading CAR 4.2 software, and information about CAR licensing.
- [Chapter 2, “Installing Cisco Access Registrar 4.2,”](#) provides information about installing the CAR using CD-ROM or downloaded software.
- [Chapter 3, “Upgrading Cisco Access Registrar Software,”](#) provides information to help you upgrade your CAR software.
- [Chapter 4, “Configuring Cisco Access Registrar 4.2,”](#) describes how to configure a site. CAR 4.2 is very flexible. You can choose to configure it in many different ways. In addition, you can write scripts that can be invoked at different points during the processing of incoming requests and/or outgoing responses.
- [Chapter 5, “Customizing Your Configuration,”](#) provides an introduction to many of the CAR 4.2 objects and their properties.

This guide also includes an index.

## 3 Cisco Access Registrar User Guide, 4.2

The *User Guide for Cisco Access Registrar, 4.2* provides information about how to use CAR 4.2. The guide is organized as follows:

- [Chapter 1, “Overview ,”](#) provides an overview of CAR.
- [Chapter 2, “Using the aregcmd Commands,”](#) provides information about using `aregcmd` commands.
- [Chapter 3, “Using the Graphical User Interface,”](#) provides information about CAR server objects.

- [Chapter 4, “Cisco Access Registrar Server Objects,”](#) provides information about CAR server objects.
- [Chapter 5, “Using the radclient Command,”](#) provides information about using **radclient** commands to test CAR.
- [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 CAR 4.2 to perform accounting.
- [Chapter 8, “Extensible Authentication Protocols,”](#) provides information about CAR 4.2 support of EAP authentication methods.
- [Chapter 9, “Using WiMAX in Cisco Access Registrar,”](#) provides information about CAR 4.2 support for the WiMAX feature.
- [Chapter 10, “Using Extension Points,”](#) provides information about how to use CAR 4.2 scripting to customize your RADIUS server.
- [Chapter 11, “Using Replication,”](#) provides information about how to use the replication feature.
- [Chapter 12, “Using On-Demand Address Pools,”](#) provides information about using On-Demand Address Pools.
- [Chapter 13, “Using Identity Caching,”](#) provides information about using the Identity Caching feature.
- [Chapter 14, “Using Trusted ID Authorization with SESM,”](#) describes how to use CAR with SESM, and how to configure CAR to use the Trusted ID feature.
- [Chapter 15, “Using Prepaid Billing,”](#) provides information about how to use the CAR prepaid billing feature.
- [Chapter 16, “Using Cisco Access Registrar Server Features,”](#) provides information about using CAR features.
- [Chapter 17, “Directing RADIUS Requests,”](#) provides information about using the CAR Policy Engine.
- [Chapter 18, “Wireless Support,”](#) provides information about CAR support for wireless features.
- [Chapter 19, “Using LDAP,”](#) provides information about using an LDAP remote server with CAR.
- [Chapter 20, “Using Open Database Connectivity,”](#) provides information about a new type of RemoteServer object and a new service to support ODBC.
- [Chapter 21, “Using SNMP,”](#) provides information about the SNMP MIB and Transport offered by CAR.
- [Chapter 22, “Enforcement of TPS License,”](#) provides information on enforcing rules for the new licencing model—transactions per second(TPS).

- [Chapter 23, “Backing Up the Database,”](#) describes the CAR 4.2 shadow backup facility, which ensures a consistent snapshot of CAR 4.2’s database for backup purposes.
- [Chapter 24, “Using the REX Accounting Script,”](#) describes how to use the REX Accounting scripts.
- [Chapter 25, “Logging Syslog Messages,”](#) provides information about logging messages via syslog and centralized error reporting for CAR.
- [Chapter 26, “Troubleshooting Cisco Access Registrar,”](#) provides information about techniques used when troubleshooting CAR 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 CAR.
- [Appendix B, “Environment Dictionary,”](#) describes the environment variables the scripts use to communicate with CAR 4.2 or to communicate with other scripts.
- [Appendix C, “RADIUS Attributes,”](#) lists the RFC 2865 RADIUS attributes with their names and values.

This guide also includes an index.

## 4 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.

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Cisco Website at [www.cisco.com/go/offices](http://www.cisco.com/go/offices).

 Printed in the USA on recycled paper containing 10% postconsumer waste.

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