



SNMP Support for VPNs

The SNMP Support for VPNs feature allows the sending and receiving of SNMP notifications (traps and informs) using VPN routing and forwarding (VRFs) tables. In particular, this feature adds support to Cisco IOS software for the sending and receiving of SNMP notifications (traps and informs) specific to individual Virtual Private Networks (VPNs).

The SNMP Support for VPNs feature provides configuration commands that allow users to associate SNMP agents and managers with specific VRFs. The specified VRF is used for the sending of SNMP notifications (traps and informs) and responses between agents and managers. If a VRF is not specified, the default routing table for the VPN is used.

Configuration Information

Configuration information is included in the “Configuring SNMP Support” module of the *Cisco IOS Network Management Configuration Guide*, Release 12.4, at the following URL:

http://www.cisco.com/en/US/docs/ios/netmgmt/configuration/guide/12_4/nm_12_4_book.html

The following sections provide information about this feature:

- SNMP Support for VPNs
- Configuring SNMP Support for VPNs
- Configuring SNMP Support for VPNs: Example

For a complete list of features included in the “Configuring SNMP Support” module, see the Feature Information table located near the end of the module.



Command Reference Information

Release 12.2(33)SXH

This feature has no new or modified commands.

Master Commands Lists

[Cisco IOS Master Commands List, All Releases](#) provide an alphabetical list of all Cisco IOS commands in a Cisco IOS release.

CCVP, the Cisco logo, and Welcome to the Human Network are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networkers, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0711R)

Any Internet Protocol (IP) addresses used in this document are not intended to be actual addresses. Any examples, command display output, and figures included in the document are shown for illustrative purposes only. Any use of actual IP addresses in illustrative content is unintentional and coincidental.

© 2006–2007 Cisco Systems, Inc. All rights reserved.