



About This Guide

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Objective

The *Cisco IP Solution Center Carrier Ethernet and L2VPN User Guide, 5.1* contains information about creating L2VPN or VPLS policies and creating and deploying L2VPN or VPLS services using the Cisco IP Solution Center (ISC).

Audience

This guide is designed for service provider network managers and operators who are responsible for provisioning L2VPN or VPLS for their customers. Network managers and operators should be familiar with the following topics:

- Basic concepts and terminology used in internetworking.
- Layer 2 Virtual Private Network (L2VPN), Virtual Private LAN Service (VPLS), VPN, Multiprotocol Label Switching (MPLS), and terms and technology.
- Network topologies and protocols.

Organization

This guide is organized as follows:

- [Chapter 1, “Getting Started,”](#) provides information on getting started tasks for using the L2VPN component of the Cisco IP Solution Center (ISC).
- [Chapter 2, “Setting Up the ISC Services,”](#) provides information on setting up the ISC service.

- [Chapter 3, “Creating a FlexUNI/EVC Policy,”](#) provides information on creating a FlexUNI/EVC policy.
- [Chapter 4, “Managing a FlexUNI/EVC Service Request,”](#) provides information on creating, deploying, monitoring, and saving FlexUNI/EVC service requests.
- [Chapter 5, “Creating an L2VPN Policy,”](#) provides information on creating an L2VPN policy.
- [Chapter 6, “Managing an L2VPN Service Request,”](#) provides information on creating, deploying, monitoring, and saving a L2VPN service requests.
- [Chapter 7, “Creating a VPLS Policy,”](#) provides information on creating a VPLS policy.
- [Chapter 8, “Managing a VPLS Service Request,”](#) provides information on creating, deploying, monitoring, and saving VPLS service requests.
- [Chapter 9, “Deploying, Monitoring, and Auditing Service Requests,”](#) provides information on how to deploy, manage and audit service requests, and how to access task logs.
- [Chapter 10, “Using Autodiscovery for L2 Services,”](#) provides an overview of L2 service discovery.
- [Chapter 11, “Generating L2 and VPLS Reports,”](#) provides information on how to set up, run, and format L2 and VPLS reports.
- [Appendix A, “Sample Configlets,”](#) provides sample configlets for various network scenarios.
- [Appendix B, “Working with Templates and Data Files,”](#) provides information about using templates and data files in ISC policies and service requests.
- [Appendix C, “Setting Up VLAN Translation,”](#) provides information on how to set up VLAN translation for L2VPN ERS services.
- [Appendix D, “ISC Layer 2 VPN Concepts,”](#) provides an overview of the major concepts that structure the ISC L2VPN or VPLS service.
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Related Documentation

The entire documentation set for Cisco IP Solution Center, 5.1 can be accessed at:

http://www.cisco.com/en/US/products/sw/netmgmtsw/ps4748/tsd_products_support_series_home.html



Tip

To cut and paste a two-line URL into the address field of your browser, you must cut and paste each line separately to get the entire URL without a break.

The following documents comprise the ISC 5.1 documentation set.

General documentation (in suggested reading order)

- *Cisco IP Solution Center Getting Started and Documentation Guide, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/roadmap/docguide.html
- *Release Notes for Cisco IP Solution Center, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/release/notes/relnotes.html

- *Cisco IP Solution Center Installation Guide, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/installation/guide/installation.html
- *Cisco IP Solution Center Infrastructure Reference, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/infrastructure/reference/guide/infrastructure.html
- *Cisco IP Solution Center System Error Messages, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/system/messages/messages.html

Application and technology documentation (listed alphabetically)

- *Cisco IP Solution Center Carrier Ethernet and L2VPN User Guide, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/carrier_ethernet/user/guide/l2vpn51book.html
- *Cisco IP Solution Center MPLS VPN User Guide, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/mpls_vpn/user/guide/mpls51book.html
- *Cisco IP Solution Center Traffic Engineering Management User Guide, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/traffic_management/user/guide/tem.html
- *Cisco MPLS Diagnostics Expert 2.1.3 Failure Scenarios Guide on ISC 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/mpls_failure_scenarios/user/guide/mdefs.html
- *Cisco MPLS Diagnostics Expert 2.1.3 User Guide on ISC 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/mpls_diagnostics/user/guide/mdeuser.html

API Documentation

- *Cisco IP Solution Center API Programmer Guide, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/developer/guide/api-gd.html
- *Cisco IP Solution Center API Programmer Reference, 5.1.*
http://www.cisco.com/en/US/docs/net_mgmt/ip_solution_center/5.1/developer/reference/xmlapi.zip



Note

All documentation *might* be upgraded over time. All upgraded documentation will be available at the same URLs specified in this document.

Obtaining Documentation, Obtaining Support, and Security Guidelines

For information on obtaining documentation, obtaining support, providing documentation feedback, security guidelines, and also recommended aliases and general Cisco documents, 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>