

## Contents at a Glance

Introduction	xvi
<b>Part I</b>	<b>LAN Switching 3</b>
Chapter 1	LAN Switching Review and Configuring Cisco 2950 LAN Switches 5
Chapter 2	Spanning Tree Protocol 31
Chapter 3	Virtual LANs and Trunking 67
<b>Part II</b>	<b>TCP/IP 95</b>
Chapter 4	IP Addressing and Subnetting 97
Chapter 5	RIP, IGRP, and Static Route Concepts and Configuration 141
Chapter 6	OSPF and EIGRP Concepts and Configuration 185
Chapter 7	Advanced Routing Protocol Topics 237
Chapter 8	Advanced TCP/IP Topics 269
<b>Part III</b>	<b>Wide-Area Networks 317</b>
Chapter 9	Point-to-Point Leased Line Implementation 319
Chapter 10	ISDN and Dial-on-Demand Routing 339
Chapter 11	Frame Relay 389
<b>Part IV</b>	<b>Network Security 439</b>
Chapter 12	IP Access Control List Security 441
<b>Part V</b>	<b>Final Preparation 475</b>
Chapter 13	Final Preparation 477
<b>Part VI</b>	<b>Appendixes 511</b>
Appendix A	Answers to "Do I Know This Already" Quiz and Q&A 513
Appendix B	Binary/Decimal Conversion Chart 573
Appendix C	Using the Simulation Software for the Hands-on Exercises 579
Appendix D	Comparisons of Dynamic Routing Protocols 585
Appendix E	Configuring Cisco 1900 Switches 595
Appendix F	ICND Exam Updates: Version 1.0 617
Glossary	641
Index	653