Configuring Static Routing Cisco

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Configuring Static Routing Cisco ***2020-12-21***

JORDYN JAYLA

Cisco IP Routing Addison-Wesley Professional
This is the eBook of the printed book and may not include any media, website access codes, or print supplements that may come packaged with the bound book. Routing and Switching Essentials v6 Companion Guide Routing and Switching Essentials v6 Companion Guide is the official supplemental textbook for the Routing and Switching Essentials course in the Cisco Networking Academy CCNA Routing and Switching curriculum. This course describes the architecture, components, and operations of routers and switches in a small network. The Companion Guide is designed as a portable desk reference to use anytime, anywhere to reinforce the material from the course and organize your time. The book’s features help you focus on important concepts to succeed in this course: · Chapter Objectives—Review core concepts by answering the focus questions listed at the beginning of each chapter. · Key Terms—Refer to the lists of networking vocabulary introduced and highlighted in context in each chapter. · Glossary—Consult the comprehensive Glossary with more than 250 terms. · Summary of Activities and Labs—Maximize your study time with this complete list of all associated practice exercises at the end of each chapter. · Check Your Understanding—Evaluate your readiness with the end-ofchapter questions that match the style of questions you see in the online course quizzes. The answer key explains each answer. · How To—Look for this icon to study the steps you need to learn to perform certain tasks. · Interactive Activities—Reinforce your understanding of topics with dozens of exercises from the online course identified throughout the book with this icon. · Packet Tracer Activities—Explore and visualize networking concepts using Packet Tracer

exercises interspersed throughout the chapters and provided in the accompanying Labs & Study Guide book. · Videos—Watch the videos embedded within the online course. · Hands-on Labs—Work through all the course labs and additional Class Activities that are included in the course and published in the separate Labs & Study Guide. This book is part of the Cisco Networking Academy Series from Cisco Press. Books in this series support and complement the Cisco Networking Academy curriculum.

Little Black Book Packt Publishing Ltd

Sams Teach Yourself Cisco Routers in 21 Days is an in-depth, straightforward tutorial. It covers configuring a router from the ground up, alerts the reader to the most common problems, and offers tested solutions when they are applicable. Readers will learn how to: install the IOS; perform the initial configuration; configure the router for protocols such as TCP/IP, IPX, RIP, and IGRP, avoid common pitfalls working with routers.

Packet Guide to Routing and Switching "O'Reilly Media, Inc."

This book covers CCNA Labs for the following topics. Basics of networking Introduction to ”Cisco Packet Tracer Student” Basic configuration using ”Cisco Packet Tracer Student” Routing Labs Static routing Dynamic routing using RIPv2 Dynamic routing using EIGRP OSPF multiple area Standard ACL Extended ACL Static NAT Dynamic NAT PAT

CCNA Portable Command Guide (CCNA Self-Study) Createspace Independent Publishing Platform

Routing Protocols and Concepts CCNA Exploration Companion Guide Routing Protocols and Concepts, CCNA Exploration Companion Guide is the official supplemental textbook for the Routing Protocols and Concepts course in the Cisco Networking Academy® CCNA® Exploration curriculum version 4. This course describes the architecture, components, and operation of routers, and explains the principles of routing and the primary routing protocols. The Companion Guide, written and edited by Networking Academy instructors, is designed as a portable desk reference to use anytime, anywhere. The book’s features reinforce the material in the course to help you focus on important concepts and organize your study time for exams. New and improved features help you study and succeed in this course: Chapter objectives–Review core concepts by answering the focus questions listed at the beginning of each chapter. Key terms–Refer to the updated lists of networking vocabulary introduced and turn to the highlighted terms in context in each chapter. Glossary–Consult the comprehensive glossary with more than 150 terms. Check Your Understanding questions and answer key–Evaluate your readiness with the updated end-of-chapter questions that match the style of questions you see on the online course quizzes. The answer key explains each answer. Challenge questions and activities–Strive to ace more challenging review questions and activities designed to prepare you for the complex styles of questions you might see on the CCNA exam. The answer key explains each answer. Rick Graziani has been a computer science and networking instructor at Cabrillo College since 1994. Allan Johnson works full time developing curriculum for Cisco Networking Academy. Allan also is a part-time instructor at Del Mar College in Corpus Christi, Texas. How

To–Look for this icon to study the steps you need to learn to perform certain tasks. Packet Tracer Activities– Explore networking concepts in activities interspersed throughout some chapters using Packet Tracer v4.1 developed by Cisco®. The files for these activities are on the accompanying CD-ROM. Also available for the Routing Protocols and Concepts Course: Routing Protocols and Concepts CCNA Exploration Labs and Study Guide ISBN-10: 1-58713-204-4 ISBN-13: 978-1-58713-204-9 Companion CD-ROM **See instructions within the ebook on how to get access to the files from the CD-ROM that accompanies this print book.** The CD-ROM provides many useful tools and information to support your education: Packet Tracer Activity exercise files v4.1 A Guide to Using a Networker's Journal booklet Taking Notes: a .txt file of the chapter objectives More IT Career Information Tips on Lifelong Learning in Networking This book is part of the Cisco Networking Academy Series from Cisco Press®. The products in this series support and complement the Cisco Networking Academy online curriculum.

Cisco Router Configuration "O'Reilly Media, Inc."

The Complete One-Week Preparation for the CISCO CCENT/CCNA ICND1 Exam 640-822 provides in-depth coverage of all official CCNA/CCENT exam objectives and uses 2800 router, 1841 router, catalyst 2960 switch, and many other CISCO devices to clarify the required concepts. The book uses many highly-professional figures, exhibits, tables, configurations, and real internetworking scenarios to clarify the required concepts. It also provides up-to-date information on the newest catalyst 2960-S switch and 802.11n wireless technology. Author Thaar AL_Taiey highlights critical information, outlines necessary procedures, and identifies exam essentials. This preparation guide presents the concepts so that they can be grasped with understanding. After study, there is an opportunity to test their knowledge with the two thousand challenging, test-like questions that resemble the questions found on the exam. Question types include multiple-choice-single-answer, multiple-choice-multiple-answers, fill-in-the-blank, testlet, drag-and-drop, and simulations. The chapters are organized to offer the following information: description of chapter topics, main exposition of topics, chapter summary, commands reference, and list of the suggested learning questions. The Complete One-Week Preparation for the CISCO CCENT/CCNA ICND1 Exam 640-822 is an intensive, one-week study guide that provides students with all the preparation they need to excel on the CCNA/ CCENT exam. This certification guide is designed to make even the most difficult internet-working concepts easy to understand. Designed and organized for absolute beginners as well as for CISCO internetworking professionals. The Complete One-Week Preparation for the CISCO CCENT/CCNA ICND1 Exam 640-822 gives students the necessary foundation to overtake the CCNA/ CCENT exam with extreme confidence and post high scores. The following CISCO CCNA/CCENT topics are covered carefully in this book: Describing the operation of computer data networks Describing the required CISCO Devices for CCENT Operating CISCO Switches and Routers Implementing small switched CISCO networks Implementing an IP addressing scheme and IP services to

meet the network requirements for small and large offices Implementing a small and a large routed network Managing and verifying CISCO switches and routers Explaining and selecting the appropriate administrative tasks required for a WLAN Implementing and verifying several WAN links Identifying security threats to a network and describing general methods to mitigate those threats Describing Wireless technology.

Time-Saving Techniques for ScreenOS Administrators McGraw Hill Professional

A guide to Cisco routers and switches provides informaton on switch and router maintenance and integration into an existing network.

The complete guide to planning, configuring, and managing Application Centric Infrastructure Cisco Press

The comprehensive, hands-on guide for resolving IP routing problems Understand and overcome common routing problems associated with BGP, IGRP, EIGRP, OSPF, IS-IS, multicasting, and RIP, such as route installation, route advertisement, route redistribution, route summarization, route flap, and neighbor relationships Solve complex IP routing problems through methodical, easy-to-follow flowcharts and step-by-step scenario instructions for troubleshooting Obtain essential troubleshooting skills from detailed case studies by experienced Cisco TAC team members Examine numerous protocol-specific debugging tricks that speed up problem resolution Gain valuable insight into the minds of CCIE engineers as you prepare for the challenging CCIE exams As the Internet continues to grow exponentially, the need for network engineers to build, maintain, and troubleshoot the growing number of component networks has also increased significantly. IP routing is at the core of Internet technology and expedient troubleshooting of IP routing failures is key to reducing network downtime and crucial for sustaining mission-critical applications carried over the Internet. Though troubleshooting skills are in great demand, few networking professionals possess the knowledge to identify and rectify networking problems quickly and efficiently. Troubleshooting IP Routing Protocols provides working solutions necessary for networking engineers who are pressured to acquire expert-level skills at a moment's notice. This book also serves as an additional study aid for CCIE candidates. Authored by Cisco Systems engineers in the Cisco Technical Assistance Center (TAC) and the Internet Support Engineering Team who troubleshoot IP routing protocols on a daily basis, Troubleshooting IP Routing Protocols goes through a step-by-step process to solving real-world problems. Based on the authors' combined years of experience, this complete reference alternates between chapters that cover the key aspects of a given routing protocol and chapters that concentrate on the troubleshooting steps an engineer would take to resolve the most common routing problems related to a variety of routing protocols. The book provides extensive, practical coverage of BGP, IGRP, EIGRP, OSPF, IS-IS, multicasting, and RIP as run on Cisco IOS Software network devices. Troubleshooting IP Routing Protocols offers you a full understanding of invaluable troubleshooting techniques that help keep your network operating at peak performance. Whether you are looking to hone your support skills or to prepare for the challenging CCIE exams, this essential

reference shows you how to isolate and resolve common network failures and to sustain optimal network operation. This book is part of the Cisco CCIE Professional Development Series, which offers expert-level instruction on network design, deployment, and support methodologies to help networking professionals manage complex networks and prepare for CCIE exams.

Routing Protocols and Concepts Cisco Press

Fully updated and expanded edition to include current versions of Cisco family of routers. Multi-purpose guide--great for on-the-job and reflects changes in the CCIE exam so it can be used for exam preparation. Thorough coverage--contains information that goes beyond available Cisco documentation and the competition. New material using MentorLabs Software for Web-enhanced help.

Deploying ACI Xlibris Corporation

Contributions by Rick Graziani and Bob Vachon.

Junos Enterprise Routing "O'Reilly Media, Inc."

This work provides a guide to the configuration of Cisco routers, from tasks for beginners to advanced operations. A collection of detailed "how-to" instructions are presented, which will be of use to all professionals and students who engage with Cisco routers in the field or in the lab. The guide starts with the simple step-by-step task of connecting the router and performing basic configuration, before building up to complex and sensitive operations such as router IOS upgrade and Site-to-Site VPNs.

Cisco IOS in a Nutshell Pearson Education

Go beyond layer 2 broadcast domains with this in-depth tour of advanced link and internetwork layer protocols, and learn how they enable you to expand to larger topologies. An ideal follow-up to Packet Guide to Core Network Protocols, this concise guide dissects several of these protocols to explain their structure and operation. This isn’t a book on packet theory. Author Bruce Hartpence built topologies in a lab as he wrote this guide, and each chapter includes several packet captures. You’ll learn about protocol classification, static vs. dynamic topologies, and reasons for installing a particular route. This guide covers: Host routing—Process a routing table and learn how traffic starts out across a network Static routing—Build router routing tables and understand how forwarding decisions are made and processed Spanning Tree Protocol—Learn how this protocol is an integral part of every network containing switches Virtual Local Area Networks—Use VLANs to address the limitations of layer 2 networks Trunking—Get an indepth look at VLAN tagging and the 802.1Q protocol Routing Information Protocol—Understand how this distance vector protocol works in small, modern communication networks Open Shortest Path First—Discover why convergence times of OSPF and other link state protocols are improved over distance vectors

Learn Cisco Network Administration in a Month of Lunches Sams Publishing

Create and manage highly-secure Ipsec VPNs with IKEv2 and Cisco FlexVPN The IKEv2 protocol significantly improves VPN security, and Cisco’s FlexVPN offers a unified paradigm and command line interface for taking full advantage of it. Simple and modular, FlexVPN relies extensively on tunnel interfaces while maximizing compatibility with legacy VPNs. Now, two Cisco network security

experts offer a complete, easy-tounderstand, and practical introduction to IKEv2, modern IPsec VPNs, and FlexVPN. The authors explain each key concept, and then guide you through all facets of FlexVPN planning, deployment, migration, configuration, administration, troubleshooting, and optimization. You'll discover how IKEv2 improves on IKEv1, master key IKEv2 features, and learn how to apply them with Cisco FlexVPN. IKEv2 IPsec Virtual Private Networks offers practical design examples for many common scenarios, addressing IPv4 and IPv6, servers, clients, NAT, pre-shared keys, resiliency, overhead, and more. If you're a network engineer, architect, security specialist, or VPN administrator, you'll find all the knowledge you need to protect your organization with IKEv2 and FlexVPN. Understand IKEv2 improvements: anti-DDoS cookies, configuration payloads, acknowledged responses, and more Implement modern secure VPNs with Cisco IOS and IOS-XE Plan and deploy IKEv2 in diverse real-world environments Configure IKEv2 proposals, policies, profiles, keyrings, and authorization Use advanced IKEv2 features, including SGT transportation and IKEv2 fragmentation Understand FlexVPN, its tunnel interface types, and IOS AAA infrastructure Implement FlexVPN Server with EAP authentication, pre-shared keys, and digital signatures Deploy, configure, and customize FlexVPN clients Configure, manage, and troubleshoot the FlexVPN Load Balancer Improve FlexVPN resiliency with dynamic tunnel source, backup peers, and backup tunnels Monitor IPsec VPNs with AAA, SNMP, and Syslog Troubleshoot connectivity, tunnel creation, authentication, authorization, data encapsulation, data encryption, and overlay routing Calculate IPsec overhead and fragmentation Plan your IKEv2 migration: hardware, VPN technologies, routing, restrictions, capacity, PKI, authentication, availability, and more

Cisco IOS Cookbook Cisco Systems

Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide is a Cisco authorized, self-paced learning tool for CCNP preparation. This book teaches readers how to design, configure, maintain, and scale routed networks that are growing in size and complexity. The book covers all routing principles covered in the CCNP Implementing Cisco IP Routing course. As part of the Cisco Press Self-Study series, Implementing Cisco IP Routing (ROUTE) Foundation Learning Guide provides comprehensive foundation learning for the CCNP ROUTE exam. This revision to the popular Foundation Learning Guide format for Advanced Routing at the Professional level is fully updated to include complete coverage of all routing topics covered in the new Implementing Cisco IP Routing (ROUTE) course. The proposed book is an intermediate-level text, which assumes that readers have been exposed to beginner-level networking concepts contained in the CCNA (ICND1 and ICND2) certification curriculum. No previous exposure to the CCNP level subject matter is required, so the book provides a great deal of detail on the topics covered. Each chapter opens with a list of objectives to help focus the reader's study. Configuration exercises at the end of each chapter and a master lab exercise that ties all the topics together in the last chapter help illuminate theoretical concepts. Key terms will be highlighted and defined throughout. Each chapter will conclude

with a summary to help review key concepts, as well as review questions to reinforce the reader's understanding of what was covered.

Transactions Of The Royal Institution Of Naval Architects; Volume 24 Cisco Press CCNA Portable Command Guide Second Edition All the CCNA 640-802 commands in one compact, portable resource Preparing for the CCNA® exam? Here are all the CCNA-level commands you need in one condensed, portable resource. The CCNA Portable Command Guide, Second Edition, is filled with valuable, easy-to-access information and is portable enough for use whether you’re in the server room or the equipment closet. This book has been completely updated to cover topics in the ICND1 640-822, ICND2 640-816, and CCNA 640-802 exams. Use this quick reference resource to help you memorize commands and concepts as you work to pass the CCNA exam. The guide summarizes all CCNA certification-level Cisco IOS® Software commands, keywords, command arguments, and associated prompts, providing you with tips and examples of how to apply the commands to real-world scenarios. Configuration examples throughout the book provide you with a better understanding of how these commands are used in simple network designs. The ten topics covered are TCP/IP An Introduction to Cisco Devices Configuring a Router Routing Switching Implementing a Wireless LAN Network Administration and Troubleshooting Managing IP Services WANs Network Security Scott Empson is currently the associate chair of the bachelor of applied information systems technology degree program at the Northern Alberta Institute of Technology in Edmonton, Alberta, Canada, teaching Cisco® routing, switching, and network design courses in certificate, diploma, and applied degree programs at the post-secondary level. He is also the program coordinator of the Cisco Networking Academy® Program at NAIT, a Regional Academy covering central and northern Alberta. He has earned three undergraduate degrees and currently holds several industry certifications, including CCNP®, CCDA®, CCAI, and Network+®. Access all CCNA commands–use as a quick, offline resource for research and solutions Logical how-to topic groupings provide one-stop research Great for review before CCNA certification exams Compact size makes it easy to carry with you, wherever you go “Create Your Own Journal” section with blank, lined pages allows you to personalize the book for your needs “What Do You Want to Do?” chart inside back cover helps you to quickly reference specific tasks This book is part of the Cisco Press® Certification Self-Study Product Family, which offers readers a self-paced study routine for Cisco® certification exams. Titles in the Cisco Press Certification Self-Study Product Family are part of a recommended learning program from Cisco that includes simulation and hands-on training from authorized Cisco Learning Partners and self-study products from Cisco Press. Category: Cisco Press–Cisco Certification Covers: CCNA Exam (640-822 ICND1, 640-816 ICND2, and 640-802 CCNA)

Networking at its best K.Mohan Written by key members of Juniper Network's ScreenOS development team, this one-of-a-kind Cookbook helps you troubleshoot secure networks that run ScreenOS firewall appliances. Scores of recipes address a wide range of security issues, provide step-by-step solutions, and

include discussions of why the recipes work, so you can easily set up and keep ScreenOS systems on track. ScreenOS Cookbook gives you real-world fixes, techniques, and configurations that save time -- not hypothetical situations out of a textbook. The book comes directly from the experience of engineers who have seen and fixed every conceivable ScreenOS network topology, from small branch office firewalls to appliances for large core enterprise and government, to the heavy duty protocol driven service provider network. Its easy-to-follow format enables you to find the topic and specific recipe you need right away and match it to your network and security issue. Topics include: Configuring and managing ScreenOS firewalls NTP (Network Time Protocol) Interfaces, Zones, and Virtual Routers Mitigating Denial of Service Attacks DDNS, DNS, and DHCP IP Routing Policy-Based Routing Elements of Policies Authentication Application Layer Gateway (SIP, H323, RPC, RTSP, etc.,) Content Security Managing Firewall Policies IPSEC VPN RIP, OSPF, BGP, and NSRP Multicast -- IGPM, PIM, Static Mroutes Wireless Along with the usage and troubleshooting recipes, you will also find plenty of tricks, special considerations, ramifications, and general discussions of interesting tangents and network extrapolation. For the accurate, hard-nosed information you require to get your ScreenOS firewall network secure and operating smoothly , no book matches ScreenOS Cookbook.

Cisco Routers for IP Routing Cisco Systems

Quality of Service is expected to become the most important communications topic in the new millennium. The acclaimed author, Gilbert Held, provides a comprehensive guide to obtaining a Quality of Service (QoS) capability in a Cisco hardware environment. Today there are many aspects of the QoS 'puzzle' and Cisco is providing users with a wide range of solutions. Some solutions are well known but do not scale for use on the Internet or on a large corporate Intranet. Other solutions must be used in conjunction with different schemes for true end-to-end QoS. That is where this book comes in, providing a guide to the various pieces of the QoS puzzle. Quality of Service in a Cisco Networking Environment: * Is a one-stop location to obtain complete and concise information about achieving QoS for applications transported over local and wireless area networks. * Provides a tutorial on the operation of different QoS techniques (IEEE 802.1p, 802.1Q, Differentiated Services, and RSVP). * Describes Cisco Router QoS and Switch QoS commands. * Gives examples of QoS configurations. * Includes a series of easy to implement IP and Frame Relay traffic enhancement techniques. Written for the local and wide area network planners and managers, local area network administrators and router administrators, every chapter initially guides the reader through the theory behind a specific QoS technique. This information is then followed with a series of Cisco command examples tailored to a specific QoS technique. Readers learn both how a QoS technique operates and how to place it into effect in a Cisco environment.

Router and Switch Management, the Easy Way Packt Publishing Ltd

Cisco routers are everywhere that networks are. They come in all sizes, from inexpensive units for homes and small offices to equipment costing well over

$100,000 and capable of routing at gigabit speeds. A fixture in today's networks, Cisco claims roughly 70% of the router market, producing high-end switches, hubs, and other network hardware. One unifying thread runs through the product line: virtually all of Cisco's products run the Internetwork Operating System, or IOS. If you work with Cisco routers, it's likely that you deal with Cisco's IOS software--an extremely powerful and complex operating system, with an equally complex configuration language. With a cryptic command-line interface and thousands of commands--some of which mean different things in different situations--it doesn't have a reputation for being user-friendly. Fortunately, there's help. This second edition of Cisco IOS in a Nutshell consolidates the most important commands and features of IOS into a single, well-organized volume that you'll find refreshingly user-friendly. This handy, two-part reference covers IOS configuration for the TCP/IP protocol family. The first section includes chapters on the user interface, configuring lines and interfaces, access lists, routing protocols, and dial-on-demand routing and security. A brief, example-filled tutorial shows you how to accomplish common tasks. The second part is a classic O'Reilly quick reference to all the commands for working with TCP/IP and the lower-level protocols on which it relies. Brief descriptions and lists of options help you zero in on the commands you for the task at hand. Updated to cover Cisco IOS Software Major Release 12.3, this second edition includes lots of examples of the most common configuration steps for the routers themselves. It's a timely guide that any network administrator will come to rely on. *ScreenOS Cookbook* "O'Reilly Media, Inc." While several publishers (including O'Reilly) supply excellent documentation of router features, the trick is knowing when, why, and how to use these features There are often many different ways to solve any given networking problem using Cisco devices, and some solutions are clearly more effective than others. The pressing question for a network engineer is which of the many potential solutions is the most appropriate for a particular situation. Once you have decided to use a particular feature, how should you implement it? Unfortunately, the documentation describing a particular command or feature frequently does very little to answer either of these questions.Everybody who has worked with Cisco routers for any length of time has had to ask their friends and co-workers for example router configuration files that show how to solve a common problem. A good working configuration example can often save huge amounts of time and frustration when implementing a feature that you've never used before. The Cisco Cookbook gathers hundreds of example router configurations all in one place.As the name suggests, Cisco Cookbook is organized as a series of recipes. Each recipe begins with a problem statement that describes a common situation that you might face. After each problem statement is a brief solution that shows a sample router configuration or script that you can use to resolve this particular problem. A discussion section then describes the solution, how it works, and when you should or should not use it. The chapters are organized by the feature or protocol discussed. If you are looking for information on a particular feature such as NAT, NTP or SNMP, you can turn to that

chapter and find a variety of related recipes. Most chapters list basic problems first, and any unusual or complicated situations last.The Cisco Cookbook will quickly become your "go to" resource for researching and solving complex router configuration issues, saving you time and making your network more efficient. It covers: Router Configuration and File Management Router Management User Access and Privilege Levels TACACS+ IP Routing RIP EIGRP OSPF BGP Frame Relay Queueing and Congestion Tunnels and VPNs Dial Backup NTP and Time DLSw Router Interfaces and Media Simple Network Management Protocol Logging Access Lists DHCP NAT Hot Standby Router Protocol IP Multicast

CCNA Routing and Switching Portable Command Guide Pearson Education

Cisco IOS Cookbook"O'Reilly Media, Inc."

Routing Protocols Companion Guide "O'Reilly Media, Inc."

6+ Hours of Video Instruction "Routing Video Mentor is an excellent approach to learning how to configure Cisco routers. These videos take you from the simplest protocols to the most complex in an easy-to-follow format. This is a great product for both beginners and advanced network engineers looking to learn or to update their skills." - Michelle Plumb, Technical Instructor, SkillSoft Routing Video Mentor teaches you how to plan, configure and verify the implementation of secure enterprise LAN and WAN routing solutions using a range of routing protocols. Kevin Wallace walks you through common Cisco router configuration and troubleshooting tasks. Designed to develop and enhance hands-on skills, each 15 to 40 minute video guides you through essential configuration tasks on Cisco routers and shows you how to verify that your network is working correctly. Each video lab presents detailed objectives, lab diagrams, command tables, and video captures. Audio instruction throughout offers tips and shortcuts that truly make learning easy. Animated network diagrams show you lab setup, device addressing, and how traffic flows through the network. Video screencasts of router CLI demonstrate command entry, configuration techniques, and device response. Skill Level Intermediate What You Will Learn Configure static routes Configure and verify RIP, EIGRP, OSPF, IS-IS, and BGP Configure and verify policy-based routing Configure route redistribution Implement multicast routing Configure IPv6 addressing and OSPF routing Tunnel IPv6 via IPv4 Who Should Take This Course? The primary audience for this product includes network administrators, technicians, and network engineers who are responsible for installing, configuring, and maintaining Cisco router network solutions. The book will appeal to any engineer involved in Cisco router installations, especially Cisco reseller and partner engineers who are asked to configure a wide variety of features in an efficient manner. Anyone pursuing the CCNP certification, especially anyone preparing for the Route exam, will also find these videos useful. Course Requirements Users should have some knowledge of networking, roughly equivalent to the CCNA level. Table of Contents Lab 1 Configuring Static Routes Lab 2 Configuring and Verifying RIPv1 and RIPv2 Lab 3 Configuring and Verifying EIGRP Lab 4 Configuring and Verifying Single-Area OSPF Lab 5 Configuring OSPF for Multiple Areas and Frame Relay Nonbroadcast Lab 6 Config...