



CISCO NETWORKING ACADEMY PROGRAM



CCNA 4:

WAN Technologies v3.1

Instructor Lab Manual

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Switching Ccna 3 Lab Manual Instructor

Jicheng Xie



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Campus Enterprise Architecture and for securely integrating VLANs WLANs voice and video into campus networks

Switched Networks Companion Guide Cisco Networking Academy,2014-04-18 Switched Networks Companion Guide is the official supplemental textbook for the Switched Networks course in the Cisco Networking Academy CCNA Routing and Switching curriculum This course describes the architecture components and operations of a converged switched network You will learn about the hierarchical network design model and how to configure a switch for basic and advanced functionality By the end of this course you will be able to troubleshoot and resolve common issues with Virtual LANs and inter VLAN routing in a converged network You will also develop the knowledge and skills needed to implement a WLAN in a small to medium 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 more than 300 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 of chapter questions that match the style of questions you see in the online course quizzes The answer key explains each answer Related Title Switched Networks Lab Manual ISBN 10 1 58713 327 X ISBN 13 978 1 58713 327 5 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 all the different exercises from the online course identified throughout the book with this icon Videos Watch the videos embedded within the online course Packet Tracer Activities Explore and visualize networking concepts using Packet Tracer exercises interspersed throughout the chapters Hands on Labs Work through all the course labs and Class Activities that are included in the course and published in the separate Lab Manual

Routing and Switching Essentials Companion Guide Cisco Networking Academy,2014-01-29 Routing and Switching Essentials 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 You learn how to configure a router and a switch for basic functionality By the end of this course you will be able to configure and troubleshoot routers and switches and resolve common issues with RIPv1 RIPv2 single area and multi area OSPF virtual LANs and inter VLAN routing in both IPv4 and IPv6 networks 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

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web head designs that overlap both bolts and screws are the allen or torx heads hexagonal or splined sockets these modern designs span a large range of sizes and can carry a considerable torque rusty hexagonal bolt heads the american institute of steel construction 13th edition steel design manual section 16 1 chapter j 3 specifies the

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l of the bolt the length of bolt l k m g1 g2 b1 after calculating the length check the national standard and take the standard length l according to the bolt length series

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