



CCNA LAB GUIDE

Version 4.0

(Cisco Certified Network Associate)

Tác giả: Dương Văn Toán

Hà Nội - 12/10/2008

VnExperts
Kính tặng

Instructor Manual Lab Ccna 4 V4

Sabine Zange



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Routers and Routing Basics Allan Johnson, 2007 The only authorized Labs and Study Guide for the Cisco Networking Academy Program Routers and Routing Basics CCNA 2 Labs and Study Guide supplements version 3 1 1 of the Cisco Networking Academy registered Program CCNA registered 2 course This Guide maximizes your understanding of configuring a router managing Cisco IOS registered Software selecting a routing protocol verifying and troubleshooting a network and implementing basic security with access control lists Each chapter contains a Study Guide section and a Lab Exercises section Keep all your completed work on hand in this book to study from later or take advantage of the perforated pages to tear out and hand in specific material for homework assignments Over 200 exercises in this book help you learn the concepts and configurations crucial to your success as a CCNA exam candidate Each chapter is slightly different and includes some or all the following types of exercises vocabulary matching and completion skill building activities and scenarios configuration scenarios concept questions journal entries and internet research you review all the commands covered in the chapter The book includes all 55 labs from the online course with an additional 15 labs in which you can apply your knowledge about the technologies and concepts introduced You will get ample opportunity for hands on practice in three different types of labs Curriculum Labs are step by step exercises designed to introduce you to new concepts Presenting you with detailed instructions and sometimes additional explanations for completing the lab Curriculum Labs come directly from the CCNA 2 online course Comprehensive Labs combine the concepts learned from the course and Curriculum Labs into new experiments These Exercises provide minimal guidance You are encouraged to complete the Curriculum Labs before moving on to a Comprehensive Lab and Challenge Labs are unique labs requiring a thorough understanding of the previously learned network concepts You should complete all Curriculum Labs and Comprehensive Labs before attempting a Challenge Lab Additionally the appendix includes a CCNA 2 Skills Based Assessment practice lab be well prepared to continue your networking education in the CCNA courses that follow Use this book with Routers and Routing Basics CCNA 2 Companion Guide ISBN 1 58713 166 8 Allan Johnson is an information technology instructor at Mary Carroll High School and Del Mar College in Corpus Christi Texas Since 2003 Allan has committed much of his time and energy to the CCNA Instructional Support team creating training materials and providing services for instructors worldwide He is a familiar voice on the Cisco Networking Academy Community forum Ask the Experts series This book is part of the Cisco Networking Academy Program series from Cisco Press registered The products in this series support and complement the Cisco Networking Academy Program online curriculum [MCDST Exam 70-272](#) Kenneth C. Laudon, Brian Hill, Richard Watson, David W. Tschanz, 2005-03 *Designing and Supporting Computer Networks* Kenneth D. Stewart, Aubrey Adams, E. Aubrey Adams, 2008 This authorized textbook for the final course of the Cisco Networking Academy CCNA Discovery curriculum is a portable reference that aligns 1 1 with the online course modules It also has numerous features to enhance learning and

assist in concept retention **LAN Switching and Wireless** Wayne Lewis, 2008 LAN Switching and Wireless CCNA Exploration Companion Guide Wayne Lewis Ph D LAN Switching and Wireless CCNA Exploration Companion Guide is the official supplemental textbook for the LAN Switching and Wireless course in the Cisco Networking Academy CCNA R Exploration curriculum version 4 This course provides a comprehensive approach to learning the technologies and protocols needed to design and implement a converged switched network The Companion Guide written and edited by a Networking Academy instructor 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 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 all new comprehensive glossary with more than 190 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 Wayne Lewis is the Cisco Academy Manager for the Pacific Center for Advanced Technology Training PCATT based at Honolulu Community College How To Look for this icon to study the steps that 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 LAN Switching and Wireless course LAN Switching and Wireless CCNA Exploration Labs and Study Guide ISBN 10 1 58713 202 8 ISBN 13 978 1 58713 202 5 Companion CD ROM The CD ROM provides many useful tools and information to support your education Packet Tracer Activity exercise files 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 R Books in this series support and complement the Cisco Networking online curriculum **The National Guide to Educational Credit for Training Programs** American Council on Education, 2005 Highlights over 6 000 educational programs offered by business labor unions schools training suppliers professional and voluntary associations and government agencies **Microtimes** ,1999 *The Software Encyclopedia 2001* ,2001 Advances in Web-Based Learning - ICWL 2004 Wenyin Liu, Yuanchun Shi, Li Qing, 2004-12-06 With the rapid development of Web based learning and new concepts like virtual classrooms virtual laboratories and virtual universities many issues need to be addressed On the technical side there is a need for effective technology for deployment of W based education On the learning side the cyber mode of learning is very different from classroom based learning How can instructional development cope with this new style

of learning On the management side the establishment of the cyber university poses very different requirements for the set up Does industry university partnership provide a solution to addressing the technological and management issues Why do we need to standardize e learning and what can we do already As with many other new developments more research is needed to establish the concepts and best practice for Web based learning ICWL 2004 the 3rd International Conference on Web Based Learning was held at the Tsinghua University Beijing China from August 8th to 11th 2004 as a continued attempt to address many of the above mentioned issues Following the great successes of ICWL 2002 Hong Kong and ICWL 2003 Australia ICWL 2004 aimed at presenting new progress in the technical pedagogical as well as management issues of Web based learning The conference featured a comprehensive program including a tutorial session a keynote talk a main track for regular paper presentations and an industrial track We received 120 papers and accepted only 58 of them in the main track for both oral and poster presentations

Resources in Education ,2001-04 **Computer Networking Illuminated** Diane Barrett,Todd King,2005 Included are numerous Challenge Exercises which allow students to gain hands on experience with networking related tools and utilities and Challenge Scenarios **Commerce Business Daily** ,1998-05 **Educational Guide of Pakistan** ,2000 **MCSE Migrating from Microsoft Windows NT 4.0 to Microsoft Windows 2000** Syngress Media, Inc,2001 Comprehensive in information this study guide to Exam 70 222 capitalizes on the mandatory recertification facing current MCSEs and experienced NT administrators CD ROM with SkillBuilder CBT software features instructional video with voice overs a quizzing engine linked to the electronic book with 300 questions and realistic exam simulation Illustrations Advances in Web-based Learning ,2004 **WAN Technologies** John Rullan,2006 This book is the official supplemental textbook for version 3 1 1 of the CCNA 4 course in the Cisco Networking Academy Program LAN Switching and Wireless Allan Johnson,2008 LAN Switching and Wireless CCNA Exploration Labs and Study Guide Allan Johnson LAN Switching and Wireless CCNA Exploration Labs and Study Guide is designed to help you learn about and apply your knowledge of the LAN switching and wireless topics from Version 4 of the Cisco Networking Academy CCNA Exploration curriculum Each chapter contains a Study Guide section and a Labs and Activities section Study Guide The dozens of exercises in this book help you learn the concepts and configurations crucial to your success as a CCNA exam candidate Each chapter is slightly different and includes matching multiple choice fill in the blank and open ended questions designed to help you Review vocabulary Strengthen troubleshooting skills Boost configuration skills Reinforce concepts Research topics Packet Tracer Activities This icon identifies exercises interspersed throughout the Study Guide section where you can practice or visualize a specific task using Packet Tracer a powerful network simulation program developed by Cisco Labs and Activities The Labs and Activities sections begin with a Command Reference table and include all the online curriculum labs to ensure that you have mastered the practical skills needed to succeed in this course Hands On Labs This icon identifies the hands on labs created for each chapter Work through all the Basic Challenge and Troubleshooting labs as provided to gain a

deep understanding of CCNA knowledge and skills to ultimately succeed on the CCNA Certification Exam Packet Tracer Companion This icon identifies the companion activities that correspond to each hands on lab You use Packet Tracer to complete a simulation of the hands on lab Packet Tracer Skills Integration Challenge Each chapter concludes with a culminating activity called the Packet Tracer Skills Integration Challenge These challenging activities require you to pull together several skills learned from the chapter as well as previous chapters and courses to successfully complete one comprehensive exercise 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 Use this book with LAN Switching and Wireless CCNA Exploration Companion Guide ISBN 10 1 58713 207 9 ISBN 13 978 158713 207 0 Companion CD ROM The CD ROM provides all the Packet Tracer Activity Packet Tracer Companion and Packet Tracer Challenge files that are referenced throughout the book as indicated by the icons These files work with Packet Tracer v4 1 software which is available through the Academy Connection website Ask your instructor for access to the Packet Tracer software 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

Routing Protocols and Concepts, CCNA Exploration Companion Guide Rick Graziani, Allan Johnson, 2007-12-06 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

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some chapters The files for these activities are on the accompanying CD ROM Packet Tracer v4.1 software developed by Cisco is available separately Hands on Labs Work through all 26 course labs and 3 additional challenge labs included in Part II of the book The labs are an integral part of the CCNA Discovery curriculum so you can review the core text and the lab material to prepare for all your exams 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 includes Interactive Activities Packet Tracer Activity files IT Career Information Taking Notes Lifelong Learning OSI Model Overview 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

Introducing Routing and Switching in the Enterprise Allan Reid, Jim Lorenz, Cheryl Schmidt, 2008

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