Lab 11.5.1: Basic Cisco Device Configuration

Topology Diagram



Learning Objectives

- Configure Cisco router global configuration settings.
- Configure Cisco router password access.
- Configure Cisco router interfaces.
- Save the router configuration file.
- Configure a Cisco switch.

Background

Hardware	Oty	Description
Cisco Router	1	Part of CCNA Lab bundle.
Cisco Switch	1 1	Part of CCNA Lab bundle.
*Computer (host)	1	Lab computer.
Console (rollover) cable	1	Connects computer host 1 to Router console port.
UTP Cat 5 crossover cable	1	Connects computer host 1 to Router LAN interface Fa0/0
Straight Through Cable	3	Connects computer hosts to Switch and switch to router

Table 1. Equipment and hardware required for this lab.

Gather the necessary equipment and cables. To configure the lab, make sure the equipment listed in Table 1 is available.

Common configuration tasks include setting the hostname, access passwords, and MOTD banner.

Interface configuration is extremely important. In addition to assigning a Layer 3 IP address, enter a description that describes the destination connection speeds troubleshooting time.

Ccna3 Instructor Packet Tracer Manual

Blerton Abazi

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Learn Packet Tracer by Examples Blerton Abazi,2017-04-07 Computer networking professionals getting started with Packet Tracer may find the interface to be flustered Being a development program this is only natural However learning how to configure a router with Packet Tracer will put professionals on the right track to mastering the program in about a day

CCNA 200-301 Hands-on Mastery with Packet Tracer Anthony J. Sequeira, Ronald Wong, 2024-11-22 The CCNA 200 301 exam will challenge you to not only focus on the theory of a technology but the ability to demonstrate mastery of configuration verification and troubleshooting In CCNA 200 301 Hands on Mastery with Packet Tracer you will be guided by expert authors in writing about and more importantly training candidates in all aspects of the CCNA exam This is the only text focused on just those topics needed for success in getting a passing score Through guizzes review questions practice exams and labs CCNA 200 301 Hands on Mastery with Packet Tracer will give you access to the experience from experts who have taken every revision of the exam since the certification's inception becoming familiar not only with the exam but Cisco's testing techniques as well This complete study package includes A test preparation routine proven to help you pass the exam Practice Exams In addition to including exam preparation questions at the end of each chapter this book provides two full Practice Exams Answers and explanations for practice exams An Answer Key follows each practice exam providing answers to and explanations for the questions in the exams Chapter ending exercises which help you drill on key concepts you must know thoroughly Study plan suggestions and templates to help you organize and optimize your study time Packet Tracer Hands On Labs available for download from the companion website for this book Content Update Program This book includes the latest topics and information covering the latest updated CCNA 200 301 exam Visit ciscopress com for information on annual digital updates for this book that align to Cisco exam blueprint version changes This study guide helps you master all the topics on the CCNA 200 301 exam including Network Fundamentals Advanced Network Configurations Building and **Routing Protocols and Concepts** Allan Johnson, 2008-01 The completely Using Labs Troubleshooting and Testing revised and only authorized Labs and Study Guide for the Cisco Networking Academy Program CCNA 2 Exploration curriculum CCNA Routing and Switching Practice and Study Guide Allan Johnson, 2014 More practice leads directly to better test scores especially when it comes to Cisco's revamped ICND2 CCNA 200 101 Certification Exam CCNA Routing and Switching Practice and Study Guide delivers all the practice you need This practice handbook is designed for both self study and as an ideal supplement for the second two courses in the Cisco Networking Academy new CCNA Routing and Switching Curriculum Its exercises activities and scenarios are designed to support all kinds of learners and learning styles and either classroom instruction or self study 13 Lab Cisco Packet Tracer Oris Krianto Sulaiman, 2017-10-27 Cisco Packet Tracer merupakan program simulasi dari Cisco Systems sebagai sarana pembelajaran jaringan secara mudah Anda hanya perlu laptop dengan spesifikati yang mencukupi dan anda sudah dapat membuat jaringan sendiri secara simulasi yang akan

mempermudah pemaham anda nantinya di lapangan Buku ini membahas tentang dasar dasar jaringan hingga basic router dnegan menggunakan Cisco Packet Tracer Adapun isi dari buku ini dapat di uraikan sebagai berikut Cisco Packet Tracer Install Cisco Packet Tracer Mengenal Cisco Packet Tracer Menggunakan Cisco Packet Tracer LABx01 Copper Cable Peer to Peer LABx02 Wireless LABx03 DHCP Server CLIENT SERVER LABx04 WEB Server dan DNS server LABx05 FTP server to PC LABx06 Router Basic Configuration LABx07 Router Basic Configuration Lanjutan LABx08 TFTP Server dan FTP server to Router LABx09 Basic Subnetting VLSM LABx10 Remote via SSH LABx11 Backup and Restore Flash IOS LABx12 Swicth Layer 2 Basic Configuration LABx13 VLAN Packet Tracer Network Simulator Jesin A,2014-01-17 A practical fast paced guide that gives you all the information you need to successfully create networks and simulate them using Packet Tracer Packet Tracer Network Simulator is aimed at students instructors and network administrators who wish to use this simulator to learn how to perform networking instead of investing in expensive specialized hardware This book assumes that you have a good amount of Cisco networking knowledge and it will focus more on Packet Tracer rather than networking **PACKET TRACER LABS** Mulayam Singh, 2019-10-18 Do you want to find out how a computer network works Do you want to know how to keep your network safe This book is all you need In this book you will get to know about resolving hostnames resetting cisco router and switch password CDP and LLDP Telnet and SSH Netflow collector and many other interesting networking topics are well described in this book Please go through it hope you will find it informative All the chapters in this book written based on the author knowledge itself who is working in the network field for a long time He has a good command of networking over few years Chapters are based on practical based which will help readers to understand networking easily Please send an email to dharmendra857295 gmail com for any guery related You will get a response instantly Routing Protocols Companion Guide Cisco Networking Academy, 2014-02-03 Routing Protocols Companion Guide is the official supplemental textbook for the Routing Protocols course in the Cisco Networking Academy CCNA Routing and Switching curriculum This course describes the architecture components and operations of routers and explains the principles of routing and routing protocols You learn how to configure a router for basic and advanced functionality By the end of this course you will be able to configure and troubleshoot routers and resolve common issues with RIPv1 RIPv2 EIGRP and OSPF 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 Glossary with more than 150 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

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Computer Networks in Packet Tracer for Advanced Users Jerzy Kluczewski, 2023

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 guizzes 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

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Table of Contents Ccna3 Instructor Packet Tracer Manual

- 1. Understanding the eBook Ccna3 Instructor Packet Tracer Manual
 - The Rise of Digital Reading Ccna3 Instructor Packet Tracer Manual
 - Advantages of eBooks Over Traditional Books
- 2. Identifying Ccna3 Instructor Packet Tracer Manual
 - Exploring Different Genres
 - Considering Fiction vs. Non-Fiction
 - Determining Your Reading Goals
- 3. Choosing the Right eBook Platform
 - Popular eBook Platforms
 - Features to Look for in an Ccna3 Instructor Packet Tracer Manual
 - User-Friendly Interface
- 4. Exploring eBook Recommendations from Ccna3 Instructor Packet Tracer Manual
 - Personalized Recommendations
 - Ccna3 Instructor Packet Tracer Manual User Reviews and Ratings
 - Ccna3 Instructor Packet Tracer Manual and Bestseller Lists
- 5. Accessing Ccna3 Instructor Packet Tracer Manual Free and Paid eBooks
 - Ccna3 Instructor Packet Tracer Manual Public Domain eBooks

- Ccna3 Instructor Packet Tracer Manual eBook Subscription Services
- Ccna3 Instructor Packet Tracer Manual Budget-Friendly Options
- 6. Navigating Ccna3 Instructor Packet Tracer Manual eBook Formats
 - ∘ ePub, PDF, MOBI, and More
 - Ccna3 Instructor Packet Tracer Manual Compatibility with Devices
 - Ccna3 Instructor Packet Tracer Manual Enhanced eBook Features
- 7. Enhancing Your Reading Experience
 - o Adjustable Fonts and Text Sizes of Ccna3 Instructor Packet Tracer Manual
 - Highlighting and Note-Taking Ccna3 Instructor Packet Tracer Manual
 - Interactive Elements Ccna3 Instructor Packet Tracer Manual
- 8. Staying Engaged with Ccna3 Instructor Packet Tracer Manual
 - Joining Online Reading Communities
 - Participating in Virtual Book Clubs
 - Following Authors and Publishers Ccna3 Instructor Packet Tracer Manual
- 9. Balancing eBooks and Physical Books Ccna3 Instructor Packet Tracer Manual
 - Benefits of a Digital Library
 - Creating a Diverse Reading Collection Ccna3 Instructor Packet Tracer Manual
- 10. Overcoming Reading Challenges
 - Dealing with Digital Eye Strain
 - Minimizing Distractions
 - Managing Screen Time
- 11. Cultivating a Reading Routine Ccna3 Instructor Packet Tracer Manual
 - Setting Reading Goals Ccna3 Instructor Packet Tracer Manual
 - Carving Out Dedicated Reading Time
- 12. Sourcing Reliable Information of Ccna3 Instructor Packet Tracer Manual
 - Fact-Checking eBook Content of Ccna3 Instructor Packet Tracer Manual
 - Distinguishing Credible Sources
- 13. Promoting Lifelong Learning
 - Utilizing eBooks for Skill Development
 - Exploring Educational eBooks

14. Embracing eBook Trends

- Integration of Multimedia Elements
- Interactive and Gamified eBooks

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