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.

Packet Tracer Instructor Lab Manual

Cisco Networking Academy Program

Packet Tracer Instructor Lab Manual:

Complete A+ Guide to IT Hardware and Software Lab Manual Cheryl A. Schmidt, 2019-07-17 The companion Complete A Guide to IT Hardware and Software Lab Manual provides students hands on practice with various computer parts mobile devices wired networking wireless networking operating systems and security The 155 labs are designed in a step by step manner that allows students to experiment with various technologies and answer questions along the way to consider the steps being taken Some labs include challenge areas to further practice the new concepts The labs ensure students gain the experience and confidence required to succeed in industry IT Essentials Cisco Networking Academy, Kathleen Czurda-Page, Laura Kier, 2013 IT Essentials PC Hardware and Software Companion Guide Fifth Edition IT Essentials PC Hardware and Software Companion Guide Fifth Edition supports the Cisco Networking Academy IT Essentials PC Hardware and Software version 5 course The course is designed for Cisco Networking Academy students who want to pursue careers in IT and learn how computers work how to assemble computers and how to safely and securely troubleshoot hardware and software issues As CompTIA Approved Quality Content the course also helps you prepare for the CompTIA A certification exams 220 801 and 220 802 CompTIA A 220 801 covers the fundamentals of computer technology installation and configuration of PCs laptops related hardware and basic networking CompTIA A 220 802 covers the skills required to install and configure PC operating systems and configure common features such as network connectivity and email for Android and Apple iOS mobile operating systems Students must pass both exams to earn the CompTIA A certification The features of the Companion Guide are designed to 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 Course section numbering Follow along with the course heading numbers to easily jump online to complete labs activities and quizzes referred to within the text 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 Glossary in the back of the book to define Key Terms The lab icon in the Companion Guide indicates when there is a hands on Lab or Worksheet to do The Labs and Worksheets are compiled and published in the separate book IT Essentials PC Hardware and Software Lab Manual Fifth Edition With more than 1300 pages of activities including Windows 7 Windows Vista and Windows XP variations covered in the CompTIA A exam objectives practicing and performing these tasks will reinforce the concepts and help you become a successful PC technician

Network Basics Companion Guide Cisco Networking Academy Program, 2014 This is the only Cisco authorized companion guide to the official Cisco Networking Academy course in the new CCNA Routing and Switching curriculum An invaluable resource for hundreds of thousands of Cisco Networking Academy students worldwide this portable desk reference is ideal for anytime anywhere take home study and reference Fully aligned to the online course chapters it offers additional book

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Decoding Packet Tracer Instructor Lab Manual: Revealing the Captivating Potential of Verbal Expression

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... Answers 3 See Student Book answer to Question 5. (above) although there are no ... b iron: malleable and magnetic (other answers are possible). 8 a both are metals as ... Ironworkers: Occupational Outlook Handbook Align structural and reinforcing iron and steel vertically and horizontally, using tag lines, plumb bobs, lasers, and levels; Connect iron and steel with bolts, ... Rigger Level I and Rigger Level II A Certified Rigger Level I can perform simple, repetitive rigging tasks when the load weight, center of gravity, the rigging, and rigging configuration are ... Hoisting & Rigging Fundamentals The material outlined in this manual outlines the requirements of the DOE Hoisting and. Rigging program. It requires persons who perform rigging or operate ... Police Communications Technician Exam Practice Tests

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