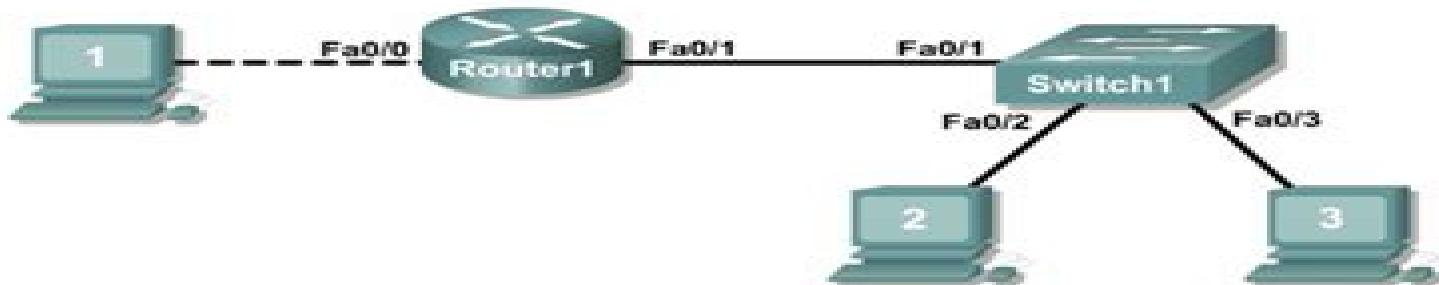


Lab 11.5.1: Basic Cisco Device Configuration

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	Qty	Description
Cisco Router	1	Part of CCNA Lab bundle.
Cisco Switch	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 Lab Manual

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Cisco Networking Academy Program Cisco Systems, Inc,Cisco Networking Academy Program,2003 bull Content maps to new CCNA 3 0 curriculum bull Additional chapters on difficult topics bull Expanded CD ROM includes 500 CCNA test preparation questions instructional videos PhotoZooms and more e Labs than previous edition

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[Lab Manual for CCNA](#)

Guide to Cisco Networking Kelly Cannon,2003

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Academy,2015-11-09 The Cisco R Networking Academy R course on CCNA R Security is a hands on career oriented e

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necessary to pass the CCNA v3 exam The CCNA 200 125 candidate must answer technical questions and have the skills

required to configure verify and troubleshoot network connectivity There are 44 labs that start from basic global

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step format includes analysis and resolution of errors In addition there is an extended lab with multiple routing and switching

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and Intermediate Routing Allan Johnson,2006-07 The completely revised and only authorized Labs and Study Guide for the Cisco Networking Academy Program CCNA 3 curriculum A portable classroom resource that supports the topics in the CCNA 3 curriculum aligning 1 1 with course modules Includes all the labs in the online curriculum as well as additional instructor created challenge labs for extended learning and classroom exercises Written by leading Academy instructor Allan Johnson who brings a fresh voice to the course material The all new Labs and Study Guide titles combine the best of the former Lab Companions and Engineering Journal and Workbooks with new features to improve the student s hands on skills and reinforce the topics for each CCNA course Switching Basics and Intermediate Routing CCNA 3 Labs and Study Guide is a complete collection of the lab exercises specifically written for the CCNA 3 course in the Cisco Networking Academy Program designed to give students hands on experience in a particular concept or technology Each lab contains an introductory overview a preparation tools required section explanations of commands and step by step instructions to reinforce the concepts introduced in the online course and covered in the Companion Guide NEW Challenge labs written by Academy instructors tested in their classrooms will be included as additional or alternative labs The Study Guide section is designed to provide additional exercises and activities to reinforce students understanding of the course topics preparing them for the course assessments As a study guide it will also continue to provide ample writing opportunities to guide students into the habit of keeping notes on networking topics

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200-301 Lab Guide Shaun Hummel,2020-03-09 CCNA 200 301 Certification Lab Guide CCNA certification has become increasingly difficult and requires proper preparation to pass the exam This lab guide is designed to prepare you 100% for the new exam Learn all CCNA topics with a configuration oriented learn by doing approach Practice and verify your CLI

technical skills with simulation labs that include configuration and operational commands Cisco is aligning the new CCNA 200 301 certification exam with a shift to internet based connectivity model and IP only routing The new exam removes all routing protocols except OSPFv2 There is a significant amount of wireless automation and cyber security topics That is attributed to the popularity of mobility services cloud computing and SDN The management of network infrastructure has radically changed with open source architecture Cisco has programmable network devices and virtualization of physical equipment CCNA engineers now support private and cloud data center connections CCNA 200 301 Certification Lab Guide Learn Cisco CLI configuration skills Setup Your Own Virtual Lab Network Access IP Connectivity Wireless Security IP Services Simulation Practice Labs CCNA Configuration Tool CCNA IOS Show Commands Shaun Hummel is author of certification books video courses and recipient of Cisco spotlight awards 15 years of experience with Fortune 100 companies large data centers certification training and globally connected infrastructure www.cisco.net/solutions.com [CCNA Exploration 4.0 ,2009](#) [CCNA 1 V7 Labs and Study Guide](#) Allan Johnson,2020-04-13 The only authorized Labs Study Guide for the Cisco Networking Academy Introduction to Networks v7 0 ITN course in the CCNA Routing and Switching curriculum This book provides an introduction to IT and Networking and is suitable for learners with an interest in IT Each chapter of this book is divided into a Study Guide section followed by a Lab section The Study Guide sections offer exercises that help you learn the concepts configurations and troubleshooting skills crucial to your success as a CCNA exam candidate Each chapter is slightly different and includes some or all of the following types of exercises Vocabulary Matching Exercises Concept Questions Exercises Skill Building Activities and Scenarios Configuration Scenarios Packet Tracer Exercises Troubleshooting Scenarios The Labs Activities sections include all the labs and Packet Tracer activities from the online curriculum If applicable this section begins with a Command Reference an exercise where the reader matches commands

CNU Chemistry Lab Manual Shima,2017-08-15

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