

uCertify

Course Outline

Pearson: CCNP ROUTE



Lesson



Practice test

Contents

1. Pre-Assessment
2. Exercises, Quizzes, Flashcards & Glossary
 - Number of Questions
3. Expert Instructor-Led Training
4. ADA Compliant & JAWS Compatible Platform
5. State of the Art Educator Tools
6. Award Winning Learning Platform (LMS)
7. Chapter & Lessons
 - Syllabus
 - Chapter 1: Introduction
 - Chapter 2: Planning Tasks for the CCNP Exams
 - Chapter 3: EIGRP Overview and Neighbor Relationships
 - Chapter 4: EIGRP Topology, Routes, and Convergence
 - Chapter 5: EIGRP Route Summarization and Filtering
 - Chapter 6: OSPF Overview and Neighbor Relationships
 - Chapter 7: OSPF Topology, Routes, and Convergence
 - Chapter 8: OSPF Route Summarization, Filtering, and Default Routing
 - Chapter 9: OSPF Virtual Links and Frame Relay Operations
 - Chapter 10: Basic IGP Redistribution
 - Chapter 11: Advanced IGP Redistribution
 - Chapter 12: Policy-Based Routing and IP Service Level Agreement
 - Chapter 13: Internet Connectivity and BGP
 - Chapter 14: External BGP
 - Chapter 15: Internal BGP and BGP Route Filtering

Chapter 16: BGP Path Control

Chapter 17: IP Version 6 Addressing

Chapter 18: IPv6 Routing Protocols and Redistribution

Chapter 19: IPv4 and IPv6 Coexistence

Chapter 20: Routing over Branch Internet Connections

Chapter 21: Appendix: Conversion Tables

Videos and How To

8. Practice Test

Here's what you get

Features

9. Post-Assessment

1. Pre-Assessment

Pre-Assessment lets you identify the areas for improvement before you start your prep. It determines what students know about a topic before it is taught and identifies areas for improvement with question assessment before beginning the course.

2. Exercises, Quizzes, Flashcards & Glossary

Each lesson comes with Exercises, Flashcards & Quizzes. There is no limit to the number of times learners can attempt these. Exercises come with detailed remediation, which ensures that learners are confident on the topic before proceeding. Flashcards help master the key concepts while Glossary defines the key terms.

Number of Questions



800

Over 800 unique questions including pre-assessment, quizzes, exercises, and post assessment.

3. Expert Instructor-Led Training

uCertify uses the content from the finest publishers and only the IT industry's finest instructors. They have a minimum of 15 years real-world experience and are subject matter experts in their fields. Unlike a live class, you can study at your own pace. This creates a personal learning experience and gives you all the benefit of hands-on training with the flexibility of doing it around your schedule 24/7.

4. ADA Compliant & JAWS Compatible Platform

uCertify course and labs are ADA (Americans with Disability Act) compliant. It is now more accessible to students with features such as:

- Change the font, size, and color of the content of the course
- Text-to-speech, reads the text into spoken words
- Interactive videos, how-tos videos come with transcripts and voice-over
- Interactive transcripts, each word is clickable. Students can clip a specific part of the video by clicking on a word or a portion of the text.

JAWS (Job Access with Speech) is a computer screen reader program for Microsoft Windows that reads the screen either with a text-to-speech output or by a Refreshable Braille display. Student can easily navigate uCertify course using JAWS shortcut keys.

5. State of the Art Educator Tools

uCertify knows the importance of instructors and provide tools to help them do their job effectively. Instructors are able to clone and customize course. Do ability grouping. Create sections. Design grade scale and grade formula. Create and schedule assignments. Educators can also move a student from self-paced to mentor-guided to instructor-led mode in three clicks.

6. Award Winning Learning Platform (LMS)

uCertify has developed an award winning, highly interactive yet simple to use platform. The SIIA CODiE Awards is the only peer-reviewed program to showcase business and education technology's finest products and services. Since 1986, thousands of products, services and solutions have been recognized for achieving excellence. uCertify has won CODiE awards consecutively for last 4 years:

- **2014**
 1. Best Postsecondary Learning Solution

- **2015**
 1. Best Education Solution
 2. Best Virtual Learning Solution
 3. Best Student Assessment Solution
 4. Best Postsecondary Learning Solution
 5. Best Career and Workforce Readiness Solution
 6. Best Instructional Solution in Other Curriculum Areas
 7. Best Corporate Learning/Workforce Development Solution

- **2016**
 1. Best Virtual Learning Solution
 2. Best Education Cloud-based Solution
 3. Best College and Career Readiness Solution

4. Best Corporate / Workforce Learning Solution
 5. Best Postsecondary Learning Content Solution
 6. Best Postsecondary LMS or Learning Platform
 7. Best Learning Relationship Management Solution
- **2017**
 1. Best Overall Education Solution
 2. Best Student Assessment Solution
 3. Best Corporate/Workforce Learning Solution
 4. Best Higher Education LMS or Learning Platform

7. Chapter & Lessons

uCertify brings these textbooks to life. It is full of interactive activities that keeps the learner engaged. uCertify brings all available learning resources for a topic in one place so that the learner can efficiently learn without going to multiple places. Challenge questions are also embedded in the chapters so learners can attempt those while they are learning about that particular topic. This helps them grasp the concepts better because they can go over it again right away which improves learning.

Learners can do Flashcards, Exercises, Quizzes and Labs related to each chapter. At the end of every lesson, uCertify courses guide the learners on the path they should follow.

Syllabus

Chapter 1: Introduction

- Book Organization
- Contents of the ROUTE Exam

Chapter 2: Planning Tasks for the CCNP Exams

- Perspectives on CCNP Exam Topics Related to Planning

- Relating the Exam Topics to a Typical Network Engineer's Job
- How to Prepare for the Planning Topics on the Exams
- Background Information on Implementation and Verification Plans
- Conclusions

Chapter 3: EIGRP Overview and Neighbor Relationships

- EIGRP CCNA Review
- EIGRP Neighborships
- Neighborhood over WANs
- Planning Practice
- Completed Planning Practice Tables
- Review All the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 4: EIGRP Topology, Routes, and Convergence

- Building the EIGRP Topology Table
- Building the IP Routing Table
- Optimizing EIGRP Convergence
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 5: EIGRP Route Summarization and Filtering

- Route Filtering
- Route Summarization
- Default Routes
- Planning Practice

- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 6: OSPF Overview and Neighbor Relationships

- OSPF Review
- OSPF Neighbors and Adjacencies on LANs
- OSPF Neighbors and Adjacencies on WANs
- Planning Practice
- Completed Planning Practice Tables
- Review All the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 7: OSPF Topology, Routes, and Convergence

- LSAs and the OSPF Link State Database
- The Database Exchange Process
- Choosing the Best OSPF Routes
- Planning Practice
- Completed Planning Practice Tables
- Review All the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 8: OSPF Route Summarization, Filtering, and Default Routing

- Route Filtering
- Route Summarization
- Default Routes and Stub Areas

- Planning Practice
- Completed Planning Practice Tables
- Review All the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 9: OSPF Virtual Links and Frame Relay Operations

- Virtual Links
- OSPF over Multipoint Frame Relay
- Planning Practice
- Completed Planning Practice Tables
- Review All the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 10: Basic IGP Redistribution

- Route Redistribution Basics
- Redistribution into EIGRP
- Redistribution into OSPF
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 11: Advanced IGP Redistribution

- Redistribution with Route Maps and Distribute Lists
- Issues with Multiple Redistribution Points
- Planning Practice

- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 12: Policy-Based Routing and IP Service Level Agreement

- Policy-Based Routing
- IP Service-Level Agreement
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Definitions of Key Terms

Chapter 13: Internet Connectivity and BGP

- The Basics of Internet Routing and Addressing
- Introduction to BGP
- Outbound Routing Toward the Internet
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 14: External BGP

- External BGP for Enterprises
- Verifying the BGP Table
- Injecting Routes into BGP for Advertisement to the ISPs
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics

- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 15: Internal BGP and BGP Route Filtering

- Internal BGP Between Internet-Connected Routers
- Avoiding Routing Loops when Forwarding Toward the Internet
- Route Filtering and Clearing BGP Peers
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Definitions of Key Terms

Chapter 16: BGP Path Control

- BGP Path Attributes and Best Path Algorithm
- Influencing an Enterprise's Outbound Routes
- Influencing an Enterprise's Inbound Routes with MED
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 17: IP Version 6 Addressing

- Introduction to IP Version 6 Addressing
- Global Unicast Addressing, Routing, and Subnetting
- Assigning IPv6 Global Unicast Addresses
- Survey of IPv6 Addressing
- Configuring IPv6 Addresses on Cisco Routers

- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 18: IPv6 Routing Protocols and Redistribution

- Introduction to IPv6 Routing Protocols and Redistribution
- RIP Next Generation (RIPng)
- EIGRP for IPv6
- OSPF Version 3
- IPv6 IGP Redistribution
- Static IPv6 Routes
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 19: IPv4 and IPv6 Coexistence

- IPv4 and IPv6 Migration and Coexistence Concepts
- Static Point-to-Point IPv6 Tunnels
- Dynamic Multipoint IPv6 Tunnels
- Planning Practice
- Completed Planning Practice Tables
- Review all the Key Topics
- Complete the Tables and Lists from Memory
- Answer key for Memory Tables
- Define Key Terms

Chapter 20: Routing over Branch Internet Connections

- Branch Office Broadband Internet Access
- Branch Router Configuration for Broadband Access
- VPN Configuration
- Planning Practice
- Review all the Key Topics
- Define Key Terms
- Completed Planning Practice Tables

Chapter 21: Appendix: Conversion Tables

Videos and How To

uCertify course includes videos to help understand concepts. It also includes How Tos that help learners in accomplishing certain tasks.

15

VIDEOS

06:23

HOURS

8. Practice Test

uCertify provides full length practice tests. These tests closely follow the exam objectives and are designed to simulate real exam conditions. Each course has a number of test sets consisting of hundreds of items to ensure that learners are prepared for the certification exam.

Here's what you get

51

PRE-ASSESSMENTS
QUESTIONS

2

FULL LENGTH TESTS

54

POST-ASSESSMENTS
QUESTIONS

Features

Full Remediation

Each question comes with detailed remediation explaining not only why an answer option is correct but also why it is incorrect.

Unlimited Practice

Each test can be taken unlimited number of times until the learner feels they are prepared. Learner can review the test and read detailed remediation. Detailed test history is also available.

Learn, Test and Review Mode

Each test set comes with learn, test and review modes. In learn mode, learners will attempt a question and will get immediate feedback and complete remediation as they move on to the next question. In test mode, learners can take a timed test simulating the actual exam conditions. In review mode, learners can read through one item at a time without attempting it.

9. Post-Assessment

After completion of the uCertify course Post-Assessments are given to students and often used in conjunction with a Pre-Assessment to measure their achievement and the effectiveness of the exam.

Have Any Query? We Are Happy To Help!

GET IN TOUCH:

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