

# CCNA Exploration Network Fundamentals

## Chapter 05 Мрежов слой

# Ccna Exploration Network Fundamentals Version 4enetwork Chapter 5

**Antoon W. Ruff**



## **Ccna Exploration Network Fundamentals Version 4enetwork Chapter 5:**

**Network Fundamentals, CCNA Exploration Companion Guide** Mark Dye, Richard McDonald, Antoon Ruff, 2007-10-29

Network Fundamentals CCNA Exploration Companion Guide is the official supplemental textbook for the Network Fundamentals course in the Cisco Networking Academy CCNA Exploration curriculum version 4. The course, the first of four in the new curriculum, is based on a top-down approach to networking. 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 highlighted in context in each chapter.

**Glossary** Consult the comprehensive glossary with more than 250 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.

**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 Network Fundamentals Course: Network Fundamentals CCNA Exploration Labs and Study Guide ISBN 10 1 58713 203 6 ISBN 13 978 1 58713 203 2 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** VLSM Subnetting Chart Structured Cabling Exploration Supplement Taking Notes a txt file of the chapter objectives A Guide to Using a Networker's Journal booklet IT Career Information Tips on Lifelong Learning in Networking This book is part of the Cisco Networking Academy Series from Cisco Press. The products in this series support and complement the Cisco Networking Academy online curriculum.

[CCNA Exploration Course Booklet](#), 2010 *CCNA Exploration Course Booklet* Cisco Networking Academy, 2010. The Cisco CCNA Exploration curriculum provides a comprehensive overview of networking from fundamentals to advanced applications and services. This course emphasizes theoretical concepts and practical application, giving students hands-on skills for designing, installing, operating, and maintaining real-world networks. Network Fundamentals is the first course in the CCNA Exploration curriculum. While extensive online study resources and comprehensive textbooks are available, many students and instructors have requested a low-cost printed resource that can be used to study in places where Internet access may not be available. This booklet is that resource. Drawn directly from the

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a scholar graduate of Cambrian College Rick Graziani teaches computer science and computer networking courses at Cabrillo College in Aptos California Rick has worked and taught in the computer networking and information technology field for 30 years 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 Accessing the WAN Course Accessing the WAN CCNA Exploration Labs and Study Guide ISBN 10 1 58713 201 X ISBN 13 978 1 58713 201 8 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 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 The products in this series support and complement the Cisco Networking Academy online curriculum

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