Chapter 1 — Exploring the Network
Study Guide

Tips for success: While answering the questions read Chapter 1, review the summary, and complete the practice Quiz.
All answers should be in RED **type**

After completion of this chapter, you should be able to:
- Explain how multiple networks are used in everyday life.
- Explain the topologies and devices used in a small to medium-sized business network.
- Explain the basic characteristics of a network that supports communication in a small to medium-sized business.
- Explain trends in networking that will affect the use of networks in small to medium-sized businesses.

1. What communication forms on the Internet do you use on a daily basis?
   Texting, Social Media

2. How has the internet changed the way we work and play?
   Made it easier than ever to connect with others and to find the information we need.

3. Why is the Internet considered a "network of networks"?
   It connects networks from around the world so all can be able to access the internet itself.

4. What is an end device? Give examples and their function.
   The source or destination of a message transmitted over the network. PC, Server, Phone, Laptop

5. What is an intermediary network device? Give examples and their function.
   Connect the individual end devices to the network and can connect multiple individual networks to form an internetwork. Wireless Router, LAN Switch, Router, Firewall Appliance

6. List some examples of the types of intermediary devices you must pass through to access the internet.
   Firewall Appliance, Switch

7. What is a server? Explain the Client — Server relationship.
   Computers with software that enable them to provide information to other devices on the network. Partitions tasks between the provider, servers, and service requesters, clients.

8. What are the characteristics of a peer-to-peer network?
   Many computers function as the servers and clients on the same network.

9. 4What are the criteria for choosing network media?
   Whether you want it in metallic wires, fiber optic cables, or wireless.

[Network Guide To Networks Answers Chapter 1](#)

Robert Shimonski

Network Guide To Networks Answers Chapter 1:

   Network+ Training Guide Drew Bird,Mike Harwood,2002 Annotation The authoritative solution to passing the Network exam Has CompTIAs Authorized Quality Curriculum CAQC stamp of approval Features exam tips study strategies review exercises case studies practice exams ExamGear testing software and more This exam certifies that candi20020822s know the layers of the OSI model can describe the features and functions of network components and have the skills needed to install configure and troubleshoot basic networking hardware peripherals and protocols The Network exam developed by CompTIA is only two years old but already is held by 50 000 individuals Readers preparing for this exam will find our Training Guide series to be an indispensiblenbsp self study tool This book is their one stop shop because of its teaching methodology the accompanying ExamGear testing software and Web site support at www quepublishing com certification Drew Bird MCNI MCNE MCT MCSE MCP I has been working in the IT industry for over 12 years instructing for the past five Drew has completed technical training and consultancy assignments for a wide variety of organizations including the Bank of England The London Stock Exchange Iomega and the United Nations Mike Harwood MCT MCSE A has 6 years experience in IT As well as training and authoring technical courseware he currently acts as a system manager for a multi site network and performs consultancy projects for a computer networking company As a team they have written Network Exam Cram Coriolis and Network Exam Prep Coriolis   Network+ Study Guide David Groth,2006-02-20 Here s the book you need to prepare for the Network exam This proven Sybex Study Guide provides In depth coverage of every exam domain all the information you need Practical information on essential networking tasks Hundreds of challenging review questions in the book and on the CD Leading edge exam preparation software including a custom testing engine and electronic flashcards Authoritative coverage of all Network exam domains Media and topologies Protocols and standards Network implementation Network support Note CD ROM DVD and other supplementary materials are not included as part of eBook file   **CompTIA Network+ Study Guide** Todd Lammle,2018-04-19 To complement the CompTIA Network Study Guide Exam N10 007 4e and the CompTIA Network Deluxe Study Guide Exam N10 007 4e look at CompTIA Network Practice Tests Exam N10 007 9781119432128 Todd Lammle s bestselling CompTIA Network Study Guide for the N10 007 exam CompTIA s Network certification tells the world you have the skills to install configure and troubleshoot today s basic networking hardware peripherals and protocols First however you have to pass the exam This detailed CompTIA Authorized study guide by networking guru Todd Lammle has everything you need to prepare for the CompTIA Network Exam N10 007 Todd covers all exam objectives explains key topics offers plenty of practical examples and draws upon his own invaluable 30 years of networking experience to help you learn The Study Guide prepares you for Exam N10 007 the new CompTIA Network Exam Covers all exam objectives including network technologies network installation and configuration network media and topologies security and much more Includes practical examples review questions as well as access to practice exams and

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006 was retired by CompTIA in 2018 and is no longer offered For coverage of the current exam CompTIA Network Exam N10 007 please look for the latest edition of this guide CompTIA Network Deluxe Study Guide Exam N10 007 4e 9781119432272 The CompTIA Network Deluxe Study Guide is your CompTIA Authorized resource for preparing for the Network exam N10 006 Bestselling author and networking Guru Todd Lammle guides you through 100% of all exam objectives Coverage includes network technologies installation and configuration media and topologies security and much more plus practical examples drawn from real world situations This Deluxe edition is packed with bonus study aids including an online interactive learning environment with practice exams flashcards and e book files in multiple formats Practice without buying expensive equipment and review exam material on the go CompTIA s Network certification covers advances in networking technology and reflects changes in associated job tasks The exam emphasizes network implementation and support and includes expanded coverage of wireless networking topics This guide is the ultimate in Network prep with expert insight clear explanation full coverage and bonus tools Review 100% of the Network exam objectives Get clear concise insight on crucial networking maintenance topics Study practical examples drawn from real world experience The CompTIA Network Deluxe Study Guide gives you the guidance and tools you need to prepare for the exam **CCSP Complete Study Guide** Todd Lammle,Wade Edwards,Tom Lancaster,Justin Menga,Eric Quinn,Jason Rohm,Carl Timm,Bryant G. Tow,2006-07-14 The Most Comprehensive and Current CCSP Self Study Solution on the Market Here s the comprehensive and economical self study solution that will provide you with the knowledge and skills needed to approach the CCSP exams with confidence This Study Guide was developed to meet the exacting requirements of today s certification candidates In addition to the consistent and accessible instructional approach that has earned Sybex the reputation as the leading publisher for certification study guides this book provides Clear and concise information on securing Cisco internetworks Practical examples and insights drawn from real world experience Leading edge exam preparation software including a testing engine and electronic flashcards And of course you ll find in depth coverage of all official objectives for all five exams required for the CCSP 642 501 Securing Cisco IOS Networks 642 511 Cisco Secure VPN 642 521 Cisco Secure PIX Firewall Advanced 642 531 Cisco Secure Intrusion Detection System 642 541 Cisco SAFE Implementation Note CD ROM DVD and other supplementary materials are not included as part of eBook file **Mike Meyers' CompTIA Network+ Guide to Managing and Troubleshooting Networks, Second Edition** Mike Meyers,2009-05-22 Essential Skills for a Successful IT Career Written by CompTIA certification and training expert Mike Meyers this instructive full color guide will help you pass the CompTIA Network exam and become an expert networking technician Mike Meyers CompTIA Network Guide to Managing and Troubleshooting Networks Second Edition is completely up to date with the new CompTIA Network standards Inside you ll find helpful on the job tips end of chapter practice questions and hundreds of photographs and illustrations Learn how to Build a network with the OSI seven layer model Configure network hardware topologies and cabling Connect multiple

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