

4

CHAPTER FOUR

OSI Model and Network Protocols

Objectives

1.1 Explain the function of common networking protocols

- ▶ TCP
- ▶ FTP
- ▶ UDP
- ▶ TCP/IP suite
- ▶ DHCP
- ▶ TFTP
- ▶ DNS
- ▶ HTTP(S)
- ▶ ARP
- ▶ SIP (VoIP)
- ▶ RTP (VoIP)
- ▶ SSH
- ▶ POP3
- ▶ NTP
- ▶ IMAP4
- ▶ Telnet
- ▶ SMTP
- ▶ SNMP2/3
- ▶ ICMP
- ▶ IGMP
- ▶ TLS

Chapter Four Osi Model And Network Protocols

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Lam,1984 **Microsoft Windows Networking Essentials** Darril Gibson,2011-05-02 The core concepts and technologies of Windows networking Networking can be a complex topic especially for those new to the field of IT This focused full color book takes a unique approach to teaching Windows networking to beginners by stripping down a network to its bare basics thereby making each topic clear and easy to understand Focusing on the new Microsoft Technology Associate MTA program this book pares down to just the essentials showing beginners how to gain a solid foundation for understanding networking concepts upon which more advanced topics and technologies can be built This straightforward guide begins each chapter by laying out a list of topics to be discussed followed by a concise discussion of the core networking skills you need to have to gain a strong handle on the subject matter Chapters conclude with review questions and suggested labs so you can measure your level of understanding of the chapter s content Serves as an ideal resource for gaining a solid understanding of fundamental networking concepts and skills Offers a straightforward and direct approach to networking basics and covers network management tools TCP IP the name resolution process and network protocols and topologies Reviews all the topics you need to know for taking the MTA 98 366 exam Provides an overview of networking components discusses connecting computers to a network and looks at connecting networks with routers If you re new to IT and interested in entering the IT workforce then Microsoft Windows Networking Essentials is essential reading **CompTIA Network+ Certification Practice Exams (Exam N10-005)** Robb Tracy,2012-01-31 Don t Let the Real Test Be Your First Test Prepare for CompTIA Network Exam N10 005 with McGraw Hill a Gold Level CompTIA Authorized Partner offering Authorized CompTIA Approved Quality Content to give you the competitive edge on exam day CompTIA Network Certification Practice Exams Exam N10 005 is filled with more than 700 realistic practice questions to prepare you for this challenging exam To help you understand the material in depth explanations of both the correct and incorrect answers are included for every question This practice guide covers all official objectives for Exam N10 005 and is the perfect companion to CompTIA Network Certification Study Guide Fifth Edition Covers all exam topics including Basic Network Concepts Network Protocols and Standards Networking Components TCP IP Fundamentals TCP IP Utilities Configuring Routers and Switches Subnetting and Routing Configuring Network Services Wireless Networking Remote Access and VPN Connectivity Wide Area Network Technologies Implementing a Network Maintaining and Supporting a Network Network Security Troubleshooting the Network CD ROM includes Complete MasterExam practice testing engine featuring One full practice exam Detailed answers with explanations Score Report performance assessment tool With free online registration Bonus downloadable MasterExam practice test Adobe Digital Editions free eBook download subject to Adobe s system requirements **Network+ Training Guide** Drew Bird, Mike Harwood,2002 Annotation The authoritative solution to passing the Network exam Has CompTIAs Authorized

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3e Oracle Database 10g: A Beginner's Guide Ian Abramson, Michael Abbey, Michael J. Corey, 2004 Provides beginning DBAs and developers with a solid foundation in the database administration and programming basics needed to embark on an Oracle career The focus is on Oracle Database 10g but you ll get the fundamentals applicable to all Oracle database releases

Networking Complete Dave Evans, Greg Jarboe, Hollis Thomases, Mari Smith, Chris Treadaway, 2002 Collects chapters written by specialists covering computer networking fundamentals hardware software design maintenance troubleshooting and security

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