

# 4

## CHAPTER FOUR

# OSI Model and Network Protocols

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### 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

**Dave Evans, Greg Jarboe, Hollis  
Thomases, Mari Smith, Chris Treadaway**



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as a communications solution to the fundamentals of networking and the complexities of VPNs The material also focuses on the Transmission Control Protocol and Internet Protocol that form the software platform on which VPNs are based and the Point to Point Tunneling Protocol which is the network protocol supporting VPNs Michael Busby is an electrical engineer and technical writer in Plano Texas He is a consultant the president of Global Network Services an international telecommunications company and the author of Demystifying ATM ADSL and Demystifying TCP IP 3e

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**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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