

# Core Protocols

All hosts attached to the Internet run certain core protocols to enable their applications to function properly. This part of the book examines these protocols and shows how the router forms the glue that holds the Internet together.

- Chapter 4—IPv4 and IPv6 Addressing
- Chapter 5—Address Resolution Protocol
- Chapter 6—IPv4 and IPv6 Headers
- Chapter 7—Internet Control Message Protocol
- Chapter 8—Routing
- Chapter 9—Forwarding IP Packets
- Chapter 10—User Datagram Protocol
- Chapter 11—Transmission Control Protocol
- Chapter 12—Multiplexing and Sockets

