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## Routing TCP/IP, Volume 1 (2nd Edition)

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Cisco Press, 2005. Book Condition: New. Brand New, Unread Copy in Perfect Condition. A+ Customer Service! Summary: Part I Routing Basics Chapter 1 TCP/IP Review TCP/IP Protocol Layers IP Packet Header IPv4 Addresses First Octet Rule Address Masks Subnets and Subnet Masks Designing Subnets Breaking the Octet Boundary Troubleshooting a Subnet Mask Address Resolution Protocol (ARP) Proxy ARP Gratuitous ARP Reverse ARP Internet Control Message Protocol (ICMP) Host-to-Host Layer TCP UDP Looking Ahead Summary Table: Chapter 1 Command Review Recommended Reading Review Questions Configuration Exercises Troubleshooting Exercises Chapter 2 IPv6 Overview IPv6 Addresses Address Representation IPv6 Address Types Global Unicast Addresses Identifying IPv6 Address Types Local Unicast Addresses Anycast Addresses Multicast Addresses Embedded IPv4 Addresses IPv6 Packet Header Format Extension Headers ICMPv6 Neighbor Discovery Protocol NDP Messages Router Discovery Address Autoconfiguration Duplicate Address Detection Neighbor Address Resolution Privacy Addresses Neighbor Unreachability Detection Looking Ahead Review Questions Chapter 3 Static Routing Route Table Configuring Static Routes Case Study: Simple IPv4 Static Routes Case Study: Simple IPv6 Static Routes Case Study: Summary Routes Case Study: Alternative Routes Case Study: Floating Static Routes Case Study: IPv6 Floating Static Routes Case Study: Load Sharing Load Sharing and Cisco Express Forwarding Per Destination Load Sharing and Fast Switching Per...

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