

## Chapter 4

4.1 Static channel allocation, Assumptions for dynamic channel allocation

4.2 ALOHA, CSMA, Bit-Map protocol, Token passing protocol, Binary countdown, The Adaptive tree-walk Protocol, Wireless LAN protocol

4.3 Classic Ethernet physical layer, Classic Ethernet MAC sublayer protocol, Ethernet performance, Switched Ethernet, Fast Ethernet, Gigabit Ethernet, 10 - Gigabit Ethernet

4.4 802.11 architecture and protocol stack, 802.11 physical layer, 802.11 MAC sublayer protocol, 802.11 frame structure, Services

4.5 Bluetooth architecture, Bluetooth protocol stack, Bluetooth frame structure, Bluetooth 5

4.6 DOCSIS overview, Ranging, and channel bandwidth allocation

4.7 Uses of bridges, Learning bridges, Spanning tree bridges, Repeaters, hubs, bridges, switches, routers, and gateways, Virtual LANs