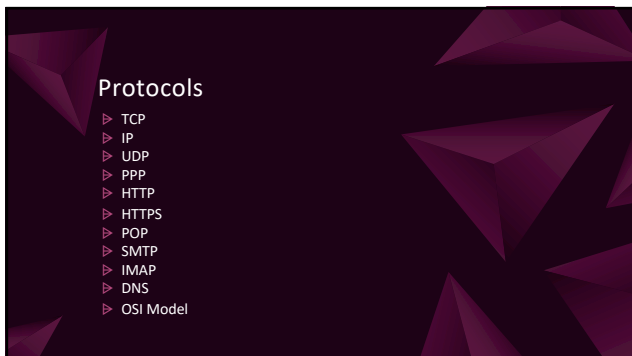
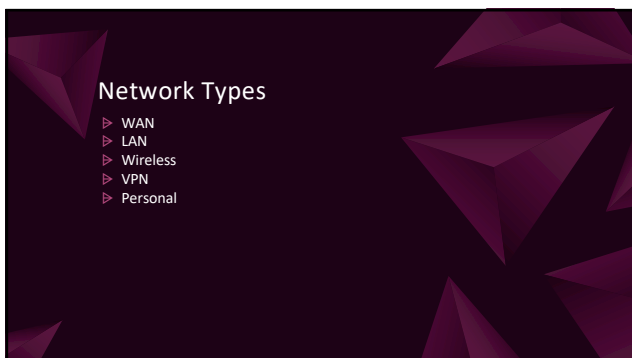


1



2



3

Network Topology

- ▷ Point to Point
- ▷ Linear
 - ▷ Bus
 - ▷ Ring
- ▷ Star
- ▷ Tree
- ▷ Mesh
- ▷ Mixed

4

Components

- ▷ Packet
- ▷ Address
- ▷ Server
- ▷ Switch
- ▷ Router
- ▷ Cables
- ▷ NIC/Modem
- ▷ Hub
- ▷ Port

5

Problems

- ▷ Brute force attacks
- ▷ Phishing
- ▷ Malware
- ▷ Virus
- ▷ Trojan
- ▷ Social Engineering
- ▷ Keylogger
- ▷ Ransomware
- ▷ DDOS

6

Systems

- ▶ Low power
- ▶ Parallel
- ▶ Distributed
- ▶ Quantum
- ▶ Mainframe

7

Real world issues

- ▶ Scalability
- ▶ Bandwidth
- ▶ Latency
- ▶ Fault tolerance

8
