-:ASSINGNMENT:-

-:MODULE – 7 : NETWORK FUNDAMENTAL :-

Q1. Which of the following messages in the DHCP procees are broadcasted ( choose two)

ANS: Discover and Request.

Q2. Which command would you use to ensure that an ACL does not block web-based TCP traffic?

ANS: Permit tcp any any eq 80.

Q3. Explain network topologies?

ANS : Physical arrangement of network computer or devices is called topology. Network topology is the physical layout of computers cables switches routers and other components of network.

* BUS TOPOLOGY

All devices are connected to a single cable is called a bus topology.

TRAP DROPINE

TERMINATOR BACK BONE

CABLE

* Less cabling
* Easy to install
* Small network
* Low security

Entire network will fail central cable not suitable a large network.

* RING TOPOLOGY

Ring topology is a type of network topology.

Network is connected to exactly two other computer or devices is called ring topology.

RING

TOPOLOGY

IN THIS TOPOLOGY ALL DEVICES CONNECTED TO CIRCULAR DATA PATH.

* STAR TOPOLOGY

Star topology in this topology all devices are connects to central HUB and SWITCH.

Like HUB and SWITCH.

HUB

* HYBRID TOPOLOGY

Hybrid is a network topology this combination of ring and star, bus is called hybrid topology.

* MESH TOPOLOGY

Mesh topology is a network topology in this devices connected directly devices in network is called mesh topology.