O Define Gateway?

Gataway 18 located at the boundary of a return and manager all data that inflows or outflows from that returber. It tooms a passage between two different networks operating with different transmission beopocope.

1 What is mount by quality of scoular?

acousty of sessice: Quality of sessice is an owner! performance measure of the computer network.

characterstics:

1. Reliability 2. Delay 3. Titler 4. Bondwidth

3 Define congestion control?

s don glast -> Congestion Avoidance TCP Congestion control — -Confestion Detection

Congestion may happen because of the availability of many packets in the network. The network performance is decrease by congestion. As a result backet delivery to the seceiver is delayed or may even be packet losser. Thorefore controlling the congestion is known Congestion control.

@ Define Ich ? Lcb etangr for Leaveboat couped bequocord TCP is one of the a soliable transport protocol. It was an actioniledge Top is called a connection-oriented, reliable transport perotocot TCP services: 1. Process-to-process communication ii. Stream Delivory Service Jii, Sending & Receiving Buffers In full duplex communication v. Reliable services 3 state the two kinds of events tologon a state tansi Yan? The two kinds of events trigger a state transition. 2. Time Topper without and sold 1. Event Trigger - is the most useful trigger because it allows used to directly interact with a state. machine by sending events to it. These events ore also called signals. 2. Time Trigger: Which is useful when something needs to be tolggood automatically without any usor interaction. UNIT-4 O list out sesponsibilities of retwork byon? 5. Aggiral addressing 1. How control 6 Foogmentation .2. Addoc saling

3. Essob control 7. Multiplexing

4. Routing

2. Conjection conted)

8. Packet suitching

an this topology.

Define link state Routing table depend topology then maken a souting table depend to the interment in the network understands the network this algorithm reach topology the intermediate understands the network the following the network a souting table depend on this topology.

Define link state Routing table depend to the network on this topology.

3) Functions of ILC?

The LLC - Logical link Control.

The LLC sublayer provider the logic for the data link.

Fundion:

- 1. Controls the synchronization
- 2. Flow control
- 3. esast-checking functions of the Datalink layer.

1 Flooding?

Def: Flooding is one of the aggorithm, in which every incoming packet is cent out on every outgoing line except the one it abrived on.

The Flooding duplicate packets are more.

[packets

Explain what is meant by southing algorithm?

A southing suggesthm is a procedure that lays down the south of path to transfer day

packets from source to the destination

- יישטי יישטי
- @ Responsibilitier of DUL?
 - Framing & link accent addessing The same of the same of the same
 - Reliable delivery
 - => Flow control
 - =) Coros Detection is and homes have all
 - => ERROR CORRECTION
 - => Halt-Duplex & Full-Duplex
 - >> Access Control
 - =) ERROR CONFRO!
- (5) Eurmerage , the Alber of GREORS)
 - 1. But of GROERS
 - 5. Frequences GERODS multiple bit
 - 3. Burst Error
- (3) List out the available detection methods?

 - · Single panisty check · Two dimensional posity check
 - · Check Sum
 - · Cyclic redundancy check.
- Describe the advantages of a multipoint connadi over a point-to-point connection?
 - 1. Cost-effective
 - 2. Improved Scalability
 - 3. Better resource short my
 - 4. Easler to Manage
 - 5. Increased Reliabity.

@ Maite a note about Eason Defection?

Error detection seters to the techniques used to detection some or other impairments introduced into data while it is transmitted from source to destination.

Error detection is used to check whether the series has succeived correct data or corrupted data.

mother construction

Tostmin in the

AV AND WIN

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