

- Which layer provides logical (ip) addressing those routers will use for path determination?

A. Session layer.

B. Transport layer.

C. Data link layer.

\* D. Network layer.

- Which layer is represented by segments?

A. Session layer.

\* B. Transport layer.

C. Data link layer.

D. Network layer.

- What is the application of HTTP?

\* A. To transfer html files.

B. To connect to internet.

C. To telnet hosts.

D. To provide security.

- At which layer routers operate?

A. Session Layer.

B. Transport Layer.

\* C. Network Layer.

D. Data Link Layer.

- At which layer repeaters (hubs) operate?

\* A. Physical Layer.

B. Transport Layer.

C. Network Layer.

D. Data Link Layer.

- At which layer switches operate?

A. Session Layer.

B. Transport Layer.

C. Network Layer.

\* D. Data Link Layer.

- Segmentation of a data stream happens at which layer of the OSI Model?

A. Physical Layer.

\* B. Transport Layer.

- C. Network Layer.
- D. Data Link Layer.

- What comes at data link layer?

- A. IP header.
- B. TCP header.
- \* C. MAC address.
- D. Port nos.

- What is the purpose of the SMTP?

- A. To transfer the network information
- B. To transfer the commands
- \* C. To transfer the emails
- D. To transfer the files

- What is the main difference between TCP and UDP?

- A. TCP does not give acknowledgement.
- B. TCP is connection less and UDP is connection oriented
- \* C. TCP is reliable and UDP is unreliable.
- D. UDP uses authentication.

- Which is the protocol that uses port no.80?

- A. DHCP.
- B. SMTP.
- C. FTP.
- \* D. HTTP.

- Which of the following device takes data from one network device and forwards it to destination based on MAC address?

- \* A. Switch
- B. Router
- C. Hub
- D. Bridge

- The ----- address must be referred to deliver a message to the correct application program running on a host.

- \* A. PORT
- B. IP
- C. Physical
- D. Logical

- The Standard TCP port assigned for SSH server is -----

A. 20

B. 21

\* C. 22

D. 23

- In FTP the port ----- is used for the control connection.

\* A. 21

B. 22

C. 23

D. 24

- The services of ----- is used by DNS at well-known port 53.

A. TCP

\* B. UDP

C. TCP or UDP

D. None of the above