QUESTION 840

DNS, FTP, TFTP, SNMP are provided at what level of the OSI/ISO model?

- A. Application
- B. Network
- C. Presentation
- D. Transport

Correct Answer: A

QUESTION 841

Which of the following OSI layers does not provide confidentiality?

- A. Presentation
- B. Network
- C. Transport
- D. Session

Correct Answer: C

QUESTION 842

Which of the following OSI layers provides routing and related services?

- A. Network
- B. Presentation
- C. Session
- D. Physical

Correct Answer: A

QUESTION 843

The International Standards Organization/Open Systems Interconnection (ISO/OSI) Layers does NOT have which of the following characteristics?

- A. Standard model for network communications.
- B. Used to gain information from network devices such as count of packets received and routing tables.
- C. Allows dissimilar networks to communicate.
- D. Defines 7 protocol layers (a.k.a. protocol stacks).

Correct Answer: B

QUESTION 844

Which of the following layers supervises the control rate of packet transfers in an Open Systems Interconnections (OSI) implementation?

- A. Physical
- B. Session
- C. Transport
- D. Network

Correct Answer: C

QUESTION 845

Which Open Systems Interconnect (OSI) layers provide Transport Control Protocol/Internet Protocol (TCP/IP) end-to-end security?

- A. Application and presentation
- B. Presentation and session
- C. Network and application
- D. Application and transport

Correct Answer: B

QUESTION 846

Which one of the following is a TRUE statement about the bottom three layers of the Open Systems Interconnection (OSI) Reference Model?

- A. They generally pertain to the characteristics of the communicating end systems.
- B. They cover synchronization and error control of network data transmissions.
- C. They support and manage file transfer and distribute process resources.
- D. They support components necessary to transmit network messages.

Correct Answer: D

QUESTION 847

ICMP and IGMP belong to which layer of the OSI model?

- A. Datagram
- B. Network
- C. Transport
- D. Link

Correct Answer: B

QUESTION 848

The International Standards Organization / Open Systems Interconnection (ISO/OSI) Layers 6 is which of the following?

- A. Application Layer
- B. Presentation Layer
- C. Data Link Layer
- D. Network Layer

Correct Answer: B

QUESTION 849

Which OSI/ISO layer is IP implemented at?

- A. Session layer
- B. Transport layer
- C. Network layer
- D. Data link layer

Correct Answer: C

QUESTION 850

Which of the following security-focused protocols operates at a layer different from the others?

- A. Secure HTTP
- B. Secure shell (SSH-2)
- C. Secure socket layer (SSL)
- D. Simple Key Management for Internet Protocols (SKIP)

Correct Answer: A

QUESTION 851

In the OSI/ISO model, at what layer are some of the SLIP, CSLIP, PPP control functions are provided?

- A. Data Link
- B. Transport
- C. Presentation

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D. Application

Correct Answer: A

QUESTION 852

ICMP and IGMP belong to which layer of the OSI Model? (Fill in the blank)

Correct Answer: Network

QUESTION 853

The International Standards Organization / Open Systems Interconnection (ISO/OSI) Layers 6 is which of the following? (Fill in the blank)

Correct Answer: Presentation

QUESTION 854

Which of the following OSI layers provides non-repudiation services? (Fill in the blank)

Correct Answer: Application

QUESTION 855

The OSI model contains seven layers. TCP/IP is generally accepted as having how many layers?

- A. four
- B. five
- C. six
- D. eight

Correct Answer: A

QUESTION 856

Which of the following layers provides end-to-end service?

- A. Network Layer
- B. Link Layer
- C. Transport Layer
- D. Presentation Layer

Correct Answer: C

QUESTION 857

Both TCP and UDP use port numbers of what length?

- A. 32 bits
- B. 16 bits
- C. 8 bits
- D. 4 bits

Correct Answer: B

QUESTION 858

Which one of the following is an effective communications error-control technique usually implemented in software?

- A. Redundancy check
- B. Packet filtering
- C. Packet checksum
- D. Bit stuffing

Correct Answer: C

QUESTION 859

What is the proper term to refer to a single unit of IP data? (Fill in the blank)

Correct Answer: Datagram

QUESTION 860

What is the proper term to refer to a single unit of TCP data at the transport layer?

- A. TCP segment
- B. TCP datagram
- C. TCP frame
- D. TCP packet

Correct Answer: A

QUESTION 861

Each data packet is assigned the IP address of the sender and the IP address of the:

A. recipient

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