

310-302: Sun Certified Network Administrator for Solaris 10

1

Which two statements about ICMP are true? (Choose two.)

- A. It encapsulates route redirect data.
- B. It provides an error detection mechanism.
- C. It defines the method used to map an Ethernet address to an IP address.
- D. It is a connection-oriented protocol that provides full-duplex stream service.
- E. It is a communication protocol that allows remote network administrators to monitor and control network devices.

2

A printer is connected to the same subnet as your workstation. The printer is identified as:

host name	IP address	MAC address
printer1	192.204.200.12	8:0:20:21:38:6b

Which command allows your workstation to reply to ARP requests for the printer?

- A. `arp -p printer1 8:0:20:21:38:6b`
- B. `arp -s printer1 8:0:20:21:38:6b pub`
- C. `netconfig -p 192.204.200.12 printer1`
- D. `rarp -s 192.204.200.12 8:0:20:21:38:6b`

3

Which two statements about jabbers are true? (Choose two.)

- A. Jabbers are caused by late collisions.
- B. Jabbers are frames that are too short.
- C. Jabbers are automatically discarded by the receiver.
- D. Jabbers are frames whose Ethernet headers are malformed.
- E. Faulty sending hardware or software might be the reason for jabbers.
- F. Jabbers are a normal phenomenon in a network, and there is no reason to worry about their occurrence.

4

While using `telnet`, which two protocols are involved in peer-to-peer communication? (Choose two.)

- A. IP
- B. TCP
- C. UDP
- D. RPC
- E. ICMP

Which command is used to display Ethernet interface packet statistics?

- A. `snoop -v`
- B. `netstat -i`
- C. `netstat -a`
- D. `ifconfig -a`

6

Which layer of the TCP/IP five-layer model contains ICMP?

- A. Internet Layer
- B. Hardware Layer
- C. Transport Layer
- D. Application Layer
- E. Network Interface Layer

7

What is the length, in bits, of the network interface-specific identifier (VID) of the Ethernet address?

Answer:

8

Which Solaris Operating Environment command reveals detailed information about the different Ethernet frame fields?

- A. `snoop`
- B. `netstat`
- C. `ifconfig`
- D. `frametool`

9

You have a problem with autonegotiation of interface speeds between your system and your system's link partner.

Which command can you use to display both interfaces' autonegotiation settings?

- A. `ndd`
- B. `netstat`
- C. `autoneg`
- D. `ifconfig`

10

Which networking technique is defined as "the inclusion of a data structure within another structure so that the first data structure is temporarily hidden"?

- A. interlace
- B. encryption
- C. embedding
- D. encapsulation

11

The ping command uses which protocol?

- A. TCP encapsulated in IP
- B. UDP encapsulated in IP
- C. ICMP encapsulated in IP
- D. ICMP encapsulated in UDP
- E. ICMP encapsulated directly in an Ethernet frame

12

Click the Exhibit button.

Which logical network topology describes the configuration?

- A. bus
- B. ring
- C. star
- D. broadcast
- E. fully connected

