

Exam : SUN 310-043

**Title : Sun Certified Network
Administrator For Solaris 8**

Version : Demo

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1. Which command displays the routing table?

- A. route -l
- B. netstat -r
- C. netstat -R
- D. netstat -i
- E. netstat -a

Answer: B

2. You use the default router file in /etc to establish a default router to use for all indirectly routed packets.

Which two are benefits of using this file? (Choose two.)

- A. The routing table remains small.
- B. Additional routing processes are not started.
- C. The RIP daemon is NOT started but the RDISC daemon is.
- D. It allows the machine to broadcast the default to other machines.
- E. It prevents the addition of non-default routes to the routing table.
- F. It allows the addition of default and non-default routes dynamically.

Answer: AB

3. Your routing table has become corrupted. You decide to empty the routing table before you recreate it.

How do you delete all entries from the routing table?

- A. pkill init
- B. rmroute all
- C. route flush
- D. route delete *
- E. route delete all

Answer: C

4. Which type of routing is used to send packets via a gateway?

- A. local
- B. direct
- C. indirect
- D. external
- E. loopback

Answer: C

5. A machine boots and has a configured network interface. At minimum, which type of route is automatically added to the routing table?

- A. exterior
- B. static direct

- C. interior
- D. static indirect
- E. dynamic direct
- F. dynamic indirect

Answer: C

6. A host with network interfaces 200.3.34.18 and 200.4.64.23 is configured with default routing. It broadcasts its routing table every 30 seconds.

Which routing daemon is running?

- A. ospf
- B. inetd
- C. in.rdisc
- D. in.routed
- E. defaultroute

Answer: D

7. Which two can be achieved by configuring the /etc/gateways file? (Choose two.)

- A. adding default and non-default routes
- B. preventing routing processes such as RIP starting
- C. adding a default route, preventing any routing daemon from starting
- D. automatically adding static entries in the routing table when the system boots

Answer: AD

8. Which two commands display the contents of the ARP table? (Choose two.)

- A. arp -a
- B. arp -d
- C. arp -s
- D. netstat -a
- E. netstat -p
- F. ifconfig -a

Answer: AE

9. You have a workstation with a single Ethernet interface (hme). From which file does the kernel obtain a host name to configure the interface at boot time?

- A. /etc/hosts
- B. /etc/nodename
- C. /etc/inet/hosts
- D. /etc/hostname.hme0
- E. /etc/nodename.hme0

F. /etc/inet/hosts.hme0

Answer: D

10. Your workstation needs to send data to host server1. Your workstation issues an ARP request for server1.

What causes this?

- A. Your default router is down.
- B. Your workstation's ARP table is full.
- C. The host server1 is on a different subnet.
- D. Your workstation has no MAC address for server1.

Answer: D

11. A diskless client is not configured for DHCP. The client boots from a JumpStart server.

How does the client obtain an IP address?

- A. It does a DNS lookup.
- B. It issues an ARP request.
- C. It issues an RARP request.
- D. It reads the /etc/hosts file.
- E. It reads the /etc/nsswitch.conf file.

Answer: C

12. How do you run DHCP in debug mode on a DHCP client?

- A. You kill the DHCP client process then relaunch the client process using the /sbin/dhcpagent -d2 command.
- B. You kill the DHCP client process and set DHCP_DEBUG=true in the dhcpagent configuration file.
- C. You kill the DHCP client process and edit the DHCP start script to use the in.dhcpd -i <interface> -d -v command. You then run the DHCP start script.
- D. You kill the DHCP client process and edit the DHCP start script to include the DHCP_DEBUG=true; export DHCP_DEBUG statement. You then run the DHCP start script.

Answer: A

13. Which two tasks involve changes to the dhcptab database? (Choose two.)

- A. defining an additional symbol
- B. changing the definition of a macro
- C. tuning the IGNORE_FAILED_ARP parameter
- D. updating the pool of IP addresses assigned to clients
- E. changing a client macro association so the client uses a different macro

Answer: AB

14. An application has to use a connection-oriented protocol to transfer data. Which statement about this

method of data transfer is true?

- A. Transmission of data can only begin when the routing vector has been minimized.
- B. Transmission of data can only begin when packet transit time has been established.
- C. Transmission of data can only begin when the ARP reply packet size has been renegotiated.
- D. Transmission of data can only begin when the remote server sends an initial acknowledgment.

Answer: D

15. Which two statements about the /etc/inet/inetd.conf file are true? (Choose two.)

- A. The rlogin program is enabled by this file.
- B. Only TCP network services can be referenced in this file.
- C. The command `kill -HUP inetd` causes the file to be read.
- D. A wait entry means services will start after a predetermined time.
- E. Users, other than root, using network services do not consult this file.

Answer: AC

16. Which program can you disable by modifying the /etc/inet/services file?

- A. NFS
- B. NIS
- C. snoop
- D. telnet
- E. passwd

Answer: D

17. Which three subnet masks are contiguous subnet masks for Class C addresses? (Choose three.)

- A. 255.255.252.0
- B. 255.255.255.64
- C. 255.255.255.192
- D. 255.255.255.240
- E. 255.255.255.224

Answer: CDE

18. Which protocol supports Classless Interdomain Routing (CIDR)?

- A. Border Gateway Protocol
- B. Router Discovery Protocol
- C. External Gateway Protocol
- D. Interior Gateway Protocol
- E. Internet Control Message Protocol

Answer: A

19. Given that files contain relevant data and the server has a single Ethernet interface, which three files

are used to configure the Ethernet interface at system boot? (Choose three.)

- A. /etc/hosts
- B. /etc/network
- C. /etc/nodename
- D. /etc/netmasks
- E. /etc/hostname.hme0

Answer: ADE

20. Click the Exhibit button.

The exhibit shows the output for interface hme0 from ifconfig -a. Which command is used to change the current state of the interface so that the interface is running ?

```
hme0: flags=1000842<BROADCAST,RUNNING,MULTICAST,IPv4> mtu 1500 index 2
      inet 62.254.198.30 netmask ffffffff broadcast 62.254.198.255
      ether 8:0:20:8e:4f:1c
```

- A. ifconfig hme0 up
- B. ifconfig -up hme0
- C. ifconfig hme0 plumb
- D. ifconfig hme0 enable
- E. ifconfig hme0 config
- F. ifconfig -enable hme0

Answer: A

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