

**Exam Code:** 310-043

**Exam Name:** SUN CERTIFIED NETWORK  
ADMINISTRATOR FOR SOLARIS 8

**Vendor:** Sun

**Version:** DEMO

## Part: A

1: Which command displays the routing table?

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

**Correct Answers: 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.

**Correct Answers: A B**

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

**Correct Answers: C**

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

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

**Correct Answers: 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

**Correct Answers: 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

**Correct Answers: 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

**Correct Answers: A D**

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

**Correct Answers: A E**

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

**Correct Answers: 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.

**Correct Answers: 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.

**Correct Answers: C**

12: You have a DHCP client on network 192.200.51.0. The DHCP server has the DHCP data in the /var/dhcp directory.

What is the full default path name of the file containing the IP address pool for the client? Answer: /VAR/DHCP/192\_200\_51\_0

**Correct Answers:**

13: 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/dhclient -d command.
- B. You kill the DHCP client process and set DHCP\_DEBUG=true in the dhclient configuration file.
- C. You kill the DHCP client process and edit the DHCP start script to use the in.dhclient -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.

**Correct Answers: A**

14: Which two tasks involve changes to the dhcpd 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

**Correct Answers: A B**

15: 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.

**Correct Answers: D**

16: 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 pkill -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.

**Correct Answers: A C**

17: Which program can you disable by modifying the /etc/inet/services file?

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

**Correct Answers: D**

18: 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

**Correct Answers: C D E**

19: 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

**Correct Answers: A**

20: 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

**Correct Answers: A D E**