



Exam : 310-880

Title : Sun Certified Senior System Support Engineer

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QUESTION 1:

Based on the principles of clustering, what is required to obtain a voting Quorum in a 3-node cluster at any given time?

- A. Three devices must be able to vote.
- B. Two devices must be able to vote.
- C. Only one device is needed.
- D. No quorum is needed in a 3-node cluster.

Answer: B

QUESTION 2:

What is the BEST reason for utilizing a cluster in a datacenter environment?

- A. The Enterprise Backup procedures can be handled.
- B. Having clustered systems ensures faster execution.
- C. It is required now to run most critical applications.
- D. A cluster makes applications highly available.

Answer: D

QUESTION 3:

When installing Sun Cluster 3.0, how much disk space should be allocated for /globaldevices on the root disk?

- A. 50 mb
- B. 100 mb
- C. All available disk space
- D. It depends on the configuration

Answer: B

QUESTION 4:

When removing Sun Cluster 3.0 from a system, what is considered the BEST procedure?

- A. Uninstall Cluster packages and reboot.
- B. Remove the Cluster database and do a reconfiguration boot.
- C. Re-install the complete Operating System.
- D. Individually remove the packages and disconnect TC.

Answer: C

QUESTION 5:

What BEST describes the upgrade process from SC2.x to SC3.0?

- A. Remove SC2.0 and install 3.0.
- B. Run an upgrade script.
- C. Install new Cluster pkgs and reboot.
- D. Install Solaris 8 and SC3.O software.

Answer: D

QUESTION 6:

You must install the KJP on all nodes of a SC 3.0 cluster. Which of the following must you do?

- A. init 6, patchadd, reboot
- B. scshutdown, boot -x, patchadd, reboot
- C. patchadd, reboot
- D. patchadd, reboot -- -x

Answer: B

QUESTION 7:

In a 2-node cluster running Sun Cluster 3.0, what is required to start clustered operation during normal operations?

- A. Quorum device and the interconnect
- B. One node and no quorum device
- C. One node and a quorum device
- D. Both nodes and the cluster transport

Answer: C

QUESTION 8:

How would you BEST describe, "cluster transport"?

- A. The heartbeat network between nodes.
- B. The switch used to bring shared storage to the nodes.
- C. The terminal concentrator and its connection to the nodes.
- D. The cabling associated with the shared storage.

Answer: B

QUESTION 9:

What is the command to check the current status of a 3.0 cluster?

- A. scstat
- B. scsprint
- C. hastat
- D. scset -l

Answer: B

QUESTION 10:

In order to install the Quorum device, what command is used to check for available devices?

- A. scstat -lv
- B. quorumlist -a
- C. hastat -l quorum
- D. scdidadm -L

Answer: D

QUESTION 11:

With respect to the "did" devices, what is true about the entry in the file "/etc/name_to_major"?

- A. It must be different on all nodes.
- B. It must be the same on all nodes.
- C. It must be only on the sponsoring node.
- D. The file is not required for "did".

Answer: B

QUESTION 12:

What command is used to edit/modify/create a resource group?

- A. scrgadm
- B. sconfg
- C. hastat
- D. scgdevs

Answer: B

QUESTION 13:

An Oracle resource group is online but the Oracle logical host is offline. What is the BEST course of action?

- A. Reboot the node and verify it came back up (shutdown -g0 -y -i6).
- B. Troubleshoot and diagnose network issues (pnmstat).
- C. Check and make sure storage is mounted (df -k; mountall).
- D. Check the resource configuration (scstat, scrgadm).

Answer: D

QUESTION 14:

To boot a node outside of the Cluster environment and have the cluster continue to run, what would you do? Assume that all resources have been switched to another node.

- A. Confirm there is a quorum without the node, and reboot outside the cluster.
- B. Run scstopnode and then reboot.
- C. Edit /etc/cluster.conf to remove the node and then reboot.
- D. Run scshutdown and then wait for the reboot.

Answer: B

QUESTION 15:

What is the command to check the proper installation of the cluster software?

- A. scinstall -check
- B. sccheck
- C. scsetup -check
- D. sconfig -p

Answer: B

QUESTION 16:

To set up the Network Adapter Failover groups (NAFO), what command is used?

- A. ifconfig
- B. nafo -setup
- C. pnmset

D. hastat

Answer: C

QUESTION 17:

Which of the following storage devices cannot be used as a quorum device in Sun Cluster 3.0?

- A. A1000
- B. A3500FC
- C. A5200
- D. L7000

Answer: B

QUESTION 18:

You are clustering two Netra T1's with two Netra D130's for storage. You notice that both the Netra T1 and the terminal concentrator both have RJ45 serial connections. To make them communicate you have to:

- A. use cables that come with Netra.
- B. use the pin out of the concentrator.
- C. use the pin out of the Netra.
- D. use the pin out of both devices.

Answer: D

QUESTION 19:

Which product is used to support Multipathing for T3 partner pair configurations under Sun Cluster 3.0?

- A. DMP
- B. STMS (MPxIO)
- C. Powerpath
- D. OPS

Answer: B

QUESTION 20:

What command should you use to set up the proper configuration for a kernel coredump?

- A. savecore
- B. dumpadm
- C. coredump
- D. installboot

Answer: B

QUESTION 21:

To run VTS from a laptop connected to the serial port of a system, you must use the following command:

- A. sunvts -t
- B. sunvts -w
- C. vts -nogui
- D. sunvts -r

Answer: B

QUESTION 22:

What is a good use of the truss command?

- A. To speed up execution of the process
- B. To concatenate two files together
- C. To improve the security of the process
- D. To trace the execution of a command

Answer: D

QUESTION 23:

What are three valid network information utilities?

- A. netstat, arp, nfsstat
- B. netstat, iostat, vmstat
- C. ifconfig, iostat, vmstat
- D. traceroute, vmstat, arp

Answer: B

QUESTION 24:

Snoop is a network traffic viewing command. Which of the following is the MOST valid reason to use snoop?

- A. There are issues with connectivity to another machine via telnet.
- B. The network interface is down.
- C. You cannot ping localhost.
- D. You cannot boot.

Answer: B

QUESTION 25:

A customer calls you and informs you that he cannot rlogin rsh or telnet as root into the E6500 server. What files should you check?

- A. /etc/ftp.conf, /etc/services, /etc/defaultrouter, /etc/inetd.conf
- B. /etc/default/login, /etc/services, /etc/netconfig, /etc/inetd.conf
- C. /etc/nodename, /etc/hostname.hme0, /etc/netconfig, /etc/profile
- D. /etc/defaultrouter, /etc/services, /etc/inet/hosts, /etc/inetd.conf

Answer: D

QUESTION 26:

A customer is noticing access to the NFS server is getting slow when multiple users access remotely mounted nfs file systems. What are good tools to troubleshoot the problem?

- A. Arp ndd
- B. snoop netstat
- C. ping telnet
- D. ifconfig rlogin

Answer: B

QUESTION 27:

Which two OBP settings are recommended to match?

- A. auto-boot? boot-device
- B. diag-switch? diag-lev
- C. boot-device diag-device
- D. boot-file auto-boot?

Answer: C

QUESTION 28:

A Solaris 8 user cannot ftp from one Sun host to another as root. He/She receives

the message:

"Loginfailed". Which file should you check?

- A. /etc/passwd
- B. /etc/ftpusers
- C. /etc/default/login
- D. /etc/ftp.conf

Answer: B

QUESTION 29:

Which command would you use to determine if the vxio kernel module is loaded?

- A. ps-ef | grep vxio
- B. grep vxio /etc/system
- C. modinfo|grep vxio
- D. vxvm

Answer: C

QUESTION 30:

During booting on an E3500 you notice the message: "Can't open kernel/unix". This error most likely indicates which of the following?

- A. The system was booted off the wrong disk path.
- B. The kernel is corrupt and unable to open.
- C. The boot-file parameter is set to kernel/unix.
- D. The devalias is not set properly.

Answer: B

QUESTION 31:

A customer is trying to install 2.6 HW 5/98 on an Ex000 server with a 400MHz/8MB CPU module, booting from CDROM or network install server. This produces a "Fast Data Access MMU Miss" error or panic with mutex_enter: bad mutex. What is causing this response?

- A. boot-diag is not set
- B. diag-switch? is set to false
- C. limit-ecache-size is incorrectly set
- D. diag-device and boot-device do not match

Answer: C

QUESTION 32:

A customer is complaining about an error "Cannot create /var/adm/utmp or /utmpx" he is receiving each time he tries to boot his system. This can result from which of the following?

- A. /not being mounted
- B. /usr not being mounted
- C. /var not being mounted
- D. /var/tmp not being mounted

Answer: C

QUESTION 33:

"File just loaded does not appear to be executable". This is the error you receive when trying to boot. What is MOST likely the problem?

- A. This can be a missing or corrupt boot block
- B. The network is down
- C. The boot server does not know about it
- D. The system cannot see the disk

Answer: B

QUESTION 34:

The following message appears after starting Netscape Enterprise Server and attempting to connect to the server from the client:
error message:uxwdog: could not bind to port XXX: bad file
You should FIRST verify:

- A. that the filesystem is mounted.
- B. that you have not run out of file descriptors.
- C. that the filesystem is being shared.
- D. that the inetd daemon is running.

Answer: B

QUESTION 35:

You need to install an E450 and you know that there exists a boot server on the network. To verify that you can locate boot servers in your subnet as well as to verify that the boot servers actually will respond to a boot request, which command is executed?

- A. rpcinfo
- B. modinfo
- C. pkginfo
- D. boot cdrom

Answer: B

QUESTION 36:

The ARP/RARP error you were getting is now resolved. The new error you are getting is "unable to mount resources".
What files do you check now?

- A. /etc/dfs/dfstab
- B. /etc/ethers
- C. /etc/bootparams
- D. /tftpboot directory

Answer: B

QUESTION 37:

To save a copy of the Sunfire System Controller Configuration, run the following command:

- A. dumpconfig
- B. ssp_backup
- C. ufsdump 0ubf /dev/rmt/0 /
- D. ssp_save

Answer: B

QUESTION 38:

A Sun Fire system controller (SC) fails and is replaced. What command is used to configure the new SC switch to be like it was prior to the failure?

- A. At the SC Shell: restoreconfig
- B. At the SC Shell: ufsrestore /dev/rmt/0
- C. At the Domain A-shell: restoreconfig
- D. At the Domain A-shell: ufsrestore /dev/rmt/0

Answer: B

QUESTION 39:

To update the firmware on a Sunfire Class machine, you must run the following command:

- A. patchadd (firmware-patch)
- B. update-prom
- C. flashupdate
- D. pkgadd (firmware-pkg)

Answer: C

QUESTION 40:

To see the Sunfire Ethernet Mac Addresses of all domains within the platform, run the following command on the system controller:

- A. showplatform
- B. showdomain
- C. showcomponent
- D. domain_status

Answer: B

QUESTION 41:

On the Sunfire System during dynamic reconfiguration, to unconfigure a board that has no activity on it, you should run the following command:

- A. cfgadm -x remove ap_Id
- B. cfgadm -c disconnect ap_Id
- C. cfgadm -av ap_Id
- D. cfgadm -x assign ap_Id

Answer: B

QUESTION 42:

During the installation of a Sunfire Domain, what must be set at the OBP to ensure proper installation of IPMP (Internet Protocol Multipathing)?

- A. local-mac-address=true
- B. nvramrc=true
- C. output-device=hme0
- D. fcode-debug?=true

Answer: B

QUESTION 43:

In order to create the failover IP address for IPMP, what is the keyword sequence needed in the ifconfig statement?

- A. deprecated -secondary
- B. deprecated -failto
- C. deprecated -failover
- D. deprecated -backup

Answer: C

QUESTION 44:

A Sunfire EX800 Platform is experiencing issues with power. One RTS lost power and then the entire platform lost power. What is the MOST likely problem?

- A. The power sequencer is bad.
- B. All power is coming from a single power source.
- C. There was an issue with one domain that caused all to lose power.
- D. There are faulty power cables.

Answer: B

QUESTION 45:

To power off the Sunfire EX800 Platform from the System Controller CLI, use the following command:

- A. setkeyswitch off
- B. init 0
- C. shutdown
- D. sync; halt

Answer: B

QUESTION 46:

What protocol is used by the Sun Management Center to monitor the Sunfire Platform?

- A. ICMP
- B. SNMP

- C. UDP
- D. SNMP

Answer: D

QUESTION 47:

The purpose of the Sun Explorer is to:

- A. gather extensive system information.
- B. analyze a system's current configuration.
- C. run a series of test scenarios on a system.
- D. confirm device pathing configuration.

Answer: B

QUESTION 48:

Which of the following commands should you use to manually reallocate domain physical resources?

- A. addboard and removeboard
- B. boardadd and boarddelete
- C. installboard and deleteboard
- D. addboard and deleteboard

Answer: D

QUESTION 49:

In the Sunfire Midrange servers, the hostid for each domain is derived from which of the following:

- A. The Factory Configuration documents (Yellow Sheets)
- B. The eeprom.image files in the /var/opt/SUNWssp directory
- C. The MAC address obtained from the ID board
- D. The MAC address associated with the primary Network interface

Answer: C

QUESTION 50:

SunFire Automatic System Reconfiguration (ASR) is a feature that runs at what level?

- A. The System Controller - Shell Level

- B. The Domain Controller - Shell level
- C. The Domain - OBP level
- D. The System Controller - OBP level

Answer: B

QUESTION 51:

Partial Automatic System Recovery supports which of the following:

- A. Ecache and DIMM failures
- B. Ecache and Network failures
- C. DIMM and Network failures
- D. Ecache, DIMM and Network failures

Answer: B

QUESTION 52:

The three System Controller commands used for blacklisting components are:

- A. disablecomponent, enablecomponent, showcomponent
- B. addcomponent, deletecomponent, showcomponent
- C. removecomponent, addcomponent, showcomponent
- D. addboard, deleteboard, showboard

Answer: B

QUESTION 53:

What does the reset command do to a domain if you are in the domain shell and autoboot is set to false?

- A. It externally initiates reset (xir) to the domain and collects data.
- B. It externally initiates reset (xir) to the domain but doesn't collect data.
- C. It resets and powers off the domain.
- D. It resets the domain but doesn't do anything else.

Answer: B

QUESTION 54:

You want to hot-swap a system board from a Sunfire and you know the Ap_Id. You should:

- A. detach the board from the domain and activate LED off/Removal LED on.

- B. activate LED off/Removal LED on.
- C. remove/replace the board from the domain and activate LED off/Removal LED on.
- D. verify that the board has failed and remove/replace the board.

Answer: B

QUESTION 55:

Upon replacing a failed System Board in a Sunfire machine, you must:

- A. reboot the domain, reconfiguring it.
- B. use cfgadm to configure the board.
- C. reset the platform using the System Controller.
- D. use devfsadm to configure the device.

Answer: B

QUESTION 56:

To set up the platform for SNMP, use the following command:

- A. setupplatform -p snmp
- B. install SUNWsnmp
- C. snmpsetup
- D. snmpinstall

Answer: B

QUESTION 57:

What is the maximum number of disk drives allowed in an A3500 drive group?

- A. 5
- B. 10
- C. 20
- D. 40

Answer: C

QUESTION 58:

Never remove _____ from an A3500 configuration?

- A. the module profile
- B. LUN 0
- C. a hot spare

D. a drive group

Answer: B

QUESTION 59:

Which RM6 command would you use to perform LUN balancing in an A3500 array?

- A. raidutil
- B. drivutil
- C. rdacutil
- D. storutil

Answer: C

QUESTION 60:

You can modify how often the arraymon daemon runs on a system with an A1000/A3x00 attached and running the RM6 software by changing the settings in which file?

- A. raidcode.txt
- B. /kernel/drv/sd.conf
- C. /etc/osa/rmscript
- D. /etc/osa/rmparams

Answer: D

QUESTION 61:

What will happen to a RAID 5 LUN when a disk fails and there is no hot spare?

- A. The LUN needs to be reconstructed since there is no hot spare.
- B. The LUN will reconstruct itself once the disk is replaced in the array and RAID Manager software is updated.
- C. The LUN needs to be reconstructed with the current disk.
- D. None of the above

Answer: B

QUESTION 62:

When booting from an A1000 or A3x00 LUN, the Solaris Operating Environment requires the boot device to be _____.

- A. a Volume Manager volume.
- B. LUN 0.
- C. a RAID 0 LUN.
- D. managed by DiskSuite.

Answer: B

QUESTION 63:

Which of the following is a required step when adding disk drives to an A1000 or A3x00 disk array in order to update the DacStore on the drive?

- A. Run format.
- B. Boot from CDROM and run drvconfig/devfsadm.
- C. Fail and revive the drives via RM6.
- D. Run Healthcheck via RM6.

Answer: C

QUESTION 64:

The combination of HW-RAID and software RAID is called _____.

- A. plaiding
- B. fabric
- C. concat/stripe
- D. striping

Answer: B

QUESTION 65:

Which of the following A3500 LUN/Volume Manager volume configurations is not supported:

- A. HW RAID 5 + SW RAID 1
- B. HW RAID 0 + SW RAID 1
- C. HW RAID 1 + SW RAID 0
- D. HW RAID 5 + SW RAID 5

Answer: D

QUESTION 66:

150 Mbytes of disk space is utilized on each disk in a T3 array for what purpose?

- A. DacStore
- B. private region
- C. meta state database
- D. pSOS

Answer: D

QUESTION 67:

Under Sun Cluster, when using EMC storage, which of the following is NOT a concern?

- A. SCSI Initiator.
- B. Longer boot times.
- C. Supportability.
- D. RAID functionality.

Answer: D

QUESTION 68:

The life expectancy of a battery on Sun StorEdge T3 Array is:

- A. 12 months
- B. 18 months
- C. 20 months
- D. 24 months

Answer: D

QUESTION 69:

How long will a T3 system function when a power-cooling unit is removed?

- A. 1 day
- B. 1 hour
- C. 30 minutes
- D. 30 seconds

Answer: C

QUESTION 70:

Your customer wants to update firmware and utilize the new features of the 1.1 gig Cache Controller on a T3.

After installing the new controller, which of the following would you do?

- A. run explorer
- B. reboot
- C. run extractor
- D. do storage plan

Answer: B

QUESTION 71:

During a service call a customer expresses concern with his new T3. He wants to know what parts are field replaceable so that he can order spares to be kept on site in case of problems. What are the field replaceable units on Partner pair T3?

- A. Disks, Array Controller, T3 Chassis with Midplane Assy, Interconnect cards, Power supplies
- B. Disk, Array Controllers, Interconnect cards, Power Supply
- C. Interconnect card, disk, Array Controller, T3 Chassis with Midplane Assy, Power Supply
- D. Disk, Array Controller, T3 Chassis with Midplane Assy, Power Supply

Answer: B

QUESTION 72:

In talking to a customer you discover that he would like to know how to better check the status of his T3s. What are the two commands on the T3 that you would use to enable and check the status of fru?

- A. set, fru enable (fru)
- B. fru stat, set
- C. fru enable (fru), fru stat
- D. fru disable, fru stat

Answer: C

QUESTION 73:

Regarding the E10K, which of the following is MOST correct?

- A. Removing the fan filters while the E10K is running has no risks.
- B. The system boards are hot swappable.
- C. The AC/DC power supplies are hot pluggable.
- D. The SSP being rebooted has no effect on the E10K.

Answer: C

QUESTION 74:

There are a number of components on an E10K that are resilient. This means that the parts can be changed without affecting the system. Which of the following can be changed with the LEAST effect?

- A. AC power supplies
- B. System Boards
- C. Memory
- D. Control Board

Answer: B

QUESTION 75:

An E10K does not seem to have a heartbeat on the master control board. The OBP helper daemon is not running. You rebooted the SSP and when you did, the domains Arbstopped. Which of the following is the reason?

- A. You had a bad control board. The heartbeat when it restarted caused a reset.
- B. Your SSP issues a cb_reset when it reboots, causing the hung control board confusion.
- C. In a dual control board scenario, a failover will change the master clock causing the Arbstops.
- D. Resetting the SSP caused the backplane to reconfigure connections to the domains.

Answer: B

QUESTION 76:

A customer is getting dtag errors on an E10K. Which of the following would you recommend?

- A. Replace the CPU.
- B. Replace the system board.
- C. Determine which memory DIMM is failing and replace it if the errors occur again.
- D. Check patch levels.

Answer: B

QUESTION 77:

In setting up an older E10K with a Sparc5 SSP for a new domain, you have to set the OBP up. A customer needs you to load the software. They need Solaris 8 2/02 loaded, configured, and partitioned. Which of the following is MOST correct?

- A. Since there is not a CDROM on the E10K you have to mount your SSP and boot from it.
- B. You must use a Jumpstart image.
- C. You must nvalias the network card and boot from it.
- D. You must use the same image from another domain and boot it.

Answer: C

QUESTION 78:

You are at a customer's site working on an E10K. You suspect a daemon is not running on the domain because the domain is not communicating with the SSP. Which of the following daemon would you be looking for?

- A. obp_helper
- B. cvcd
- C. JTAG
- D. cbe

Answer: B

QUESTION 79:

Regarding E10K's, which of the following is NOT true?

- A. There is a obp_helper for each domain.
- B. The system should automatically switch between JTAG and TCP/IP.
- C. The EEPROM should be removed from the old board and moved to the new one.
- D. The obp_helper keeps the five previous versions of the eeprom.image.

Answer: C

QUESTION 80:

A customer calls and says her fans seem louder than normal on her E10K. What is the MOST likely reason for this?

- A. Sometimes in a computer room noise is subjective. It seems louder than normal but really isn't.
- B. The SSP is no longer communicating with the E10K.
- C. The customer may have accidentally increased the fan speed in hostview.
- D. The power supplies when failing have been known to send false signals to fans.

Answer: B

QUESTION 81:

On an SSP, the edd daemon was stopped for maintenance but was not started again before you left the site. What will MOST likely happen?

- A. There won't be any problems.
- B. The fans will run at high speed.
- C. The missing daemon will stop communications.
- D. Communication with the domains will be in JTAG mode.

Answer: C

QUESTION 82:

In working on an E10K, the ethernet networks are not working. You have to connect to the domains. Which of the following would allow you to connect to a domain?

- A. Connect using your laptop to the serial port and tip in.
- B. Domain_switch to that domain and issue the netcon command.
- C. Issue a bringup -Q to quickly connect.
- D. Telnet to the SSP and then rlogin from there.

Answer: B

QUESTION 83:

The customer has an E10K with 12 system boards. Two of the eight power supplies have failed. Which of the following is correct?

- A. The machine failed when the second power supply went out.
- B. The machine is still running.
- C. Only 8 boards have power now.
- D. There are warning messages that you must bring down one domain.

Answer: B

QUESTION 84:

A customer needs a system board on an E10K replaced due to dtag errors. Which of the following would you recommend FIRST after replacing the board?

- A. running autoconfig
- B. running bringup -l 64
- C. running vts
- D. using the EIS CDROM

Answer: B

QUESTION 85:

In looking at various information on an E10K, you find the FOM is 2ff. This also agrees with what you have seen from hostview. What is MOST likely the problem?

- A. The FOM should be fff so $15 - 2 = 13$, or board 13 is causing the problem.
- B. There is no problem, as FOM is just a list of possible combinations.
- C. Post failed and you must reference the stderr.out file to find out what the 2ff code means.
- D. One half of the centerplane is disabled.

Answer: D

QUESTION 86:

An E10K multiple board domain is rebooting and as soon as it comes up it reboots again. What is the MOST likely reason? Auto-boot is set to true.

- A. The system board is bad.
- B. The software is corrupted.
- C. The network card is bad
- D. The boot processor is bad.

Answer: D

QUESTION 87:

There is a problem on an E10K that you have been assigned to. A multiple board domain is continually rebooting. Which of the following is the BEST choice to stop the rebooting until you have a maintenance window? You want the domain up until you have a window.

- A. Set auto-boot to false.
- B. Blacklist the bootprocessor and the system board.
- C. Redlist the most likely failing component.
- D. Halt the domain until a service window is available.

Answer: B

QUESTION 88:

Your TCP byte re-transmission rate exceeds 15%. Which command would you use to see this?

- A. iostat
- B. netstat
- C. ARP
- D. pmstat

Answer: B

QUESTION 89:

To obtain the current status of a network interface, which command is executed?

- A. ping
- B. snoop
- C. arp
- D. ifconfig

Answer: D

QUESTION 90:

When adding a route, which is the correct syntax?

- A. route add net 128.50.3.0 sword-r 2 -netmask 255.255.255.0
- B. route add net 128.50.3.0 sword-r 2 255.255.255.0
- C. route sword-r 2 -netmask 255.255.255.0
- D. route add net 128.50.3.0 2 255.255.255.0

Answer: B

QUESTION 91:

Which of the following is an example of a virtual network interface?

- A. qfe2
- B. hme2:2
- C. qfe1,2
- D. eri0

Answer: B

QUESTION 92:

Which utility would be the MOST useful in attempting to locate network problems relating to duplicate IP address usage?

- A. ifconfig
- B. route
- C. arp
- D. ping

Answer: C

QUESTION 93:

Which network troubleshooting tool should be used with extreme caution because the system could be rendered inoperable if parameters are set incorrectly?

- A. Arp
- B. netstat
- C. snoop
- D. ndd

Answer: D

QUESTION 94:

What network troubleshooting utility allows you to display network packets on the fly?

- A. traceroute
- B. snoop
- C. ifconfig
- D. ndd

Answer: B

QUESTION 95:

What utility will, by DEFAULT, resolve IP addresses?

- A. snoop
- B. ping
- C. route
- D. traceroute

Answer: D

QUESTION 96:

What Internet protocol allows for the automatic assignment of IP addresses?

- A. http
- B. LDAP
- C. SNMP
- D. DHCP

Answer: D

QUESTION 97:

Given the following output, what command will make this host visible to the network?

```
hme0: flags=1000842<BROADCAST,RUNNING<MULTICAST, IPv4> mtu 1500  
index 2 inet 128.50.1.1 netmask fffffff0 broadcast 128.50.1.255 ether
```

- A. ifconf hme0 up
- B. ifconf hme0 down
- C. plumb
- D. unplumb

Answer: B

QUESTION 98:

A Sun server with two or more network interfaces can be configured as a:

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

Answer: C

QUESTION 99:

According to network standards, what is the netmask of this IP address: (178.50.10.1)?

- A. 255.255.0.0
- B. 255.255.255.0
- C. 255.0.0.0
- D. 255.255.255.255

Answer: B

QUESTION 100:

Given the hexadecimal netmask, 0xffff0000, what is its decimal equivalent?

- A. 255.255.255.0
- B. 255.0.0.0
- C. 255.255.0.0
- D. 255.255.255.255

Answer: C

QUESTION 101:

Given the IP address, 10.102.2.113, what is its class?

- A. C
- B. A
- C. B
- D. D

Answer: B