

The best learning assistants

Exam : **SUN 310-880**

Title : SUN Certified Senior System
Support Engineer

Update : Demo



1. You are installing a Sun Fire 15K server. The System Controller comes with a pre-installed, EIS compliant Solaris image. You need to confirm that this image was installed with the current EIS CD. Which file can be used to determine the current version of the EIS CD used on a system?

- A. /etc/motd
- B. /etc/release
- C. /sun/install.log
- D. \$SMSETC/SMS/config/smsversion.cf

Correct: C

2. You are conducting a pre-install site survey for 8 Sun Fire V890s and 4 Sun Rack 900s in a raised floor environment. The customer wants to install them in 2 rows, one in front of the other. How should you configure the placement of the systems?

- A. The Sun Fire V890s should be placed back to back, and perforated floor tiles should be placed in front of the racks.
- B. The Sun Fire V890s should be placed back to back, and perforated floor tiles should be placed at the rear of the racks.
- C. The Sun Fire V890s should be facing the same direction, one behind the other, and perforated floor tiles should be placed in front of the racks.
- D. The Sun Fire V890s should be facing the same direction, one behind the other, and perforated floor tiles should be placed both in front of, and at the rear of the racks.

Correct: A

3. You are installing a 66 Mhz PCI card in a Sun Fire 6800. The customer tells you they want the best performance from the card. (Note, the customer has no PCI+ I/O Boards installed in the system) How many slots in an 8-slot PCI I/O Board can operate at 66 Mhz?

- A. 0
- B. 1
- C. 2
- D. 3
- E. 4

Correct: C

4. You are installing a used StorEdge 3310 SCSI array on a Sun Fire V480 server. You want to determine if the disks have updated firmware. Which command should you use to evaluate the firmware level?

- A. fru stat
- B. iostat -En
- C. iostat -tcx
- D. prtconf -pv
- E. luxadm -e probe | grep version
- F. luxadm display -v /dev/rdisk/cXtXdX

Correct: B

5. You have performed a setkeyswitch on for domain A on a Sun Fire 6800 where the auto-boot? OBP variable is set to false. What command at the OBP should you run to find the status of the POST?

- A. showlog-results

- B.showlog results
- C.show-log-results
- D.showpost-results
- E.showpost results
- F.show-post-results

Correct:F

6.A customer wants a new PCI Ethernet card installed in a Sun Fire E2900. After physically installing the card, you want to verify that the system recognizes the card before the OS is booted. Which two OBP commands can you use to accomplish this? (Choose two.)

- A.devalias
- B.show-devs
- C.show-nets
- D..inet-addr
- E.probe-net-all
- F.probe-scsi-all

Correct:B C

7.You are installing a Sun Fire E2900 on a customer site and the customer wants to configure the POST level on the System Controller to run at the maximum level. What command from the LOM prompt should you run to configure the SC POST level?

- A.setupsc
- B.setuplom
- C.setupnetwork
- D.setupplatform

Correct:A

8.You begin to boot a Sun Fire V1280 server, but realize some additional settings need to be checked. You decide to stop the boot and bring the system to the OK prompt. How can you accomplish this during the boot process?

- A.Type ~..
- B.Type break.
- C.Go to the lom > prompt and type break.
- D.Go to the lom > prompt and type reset -x.

Correct:C

9.A customer is connected to a remote machine and needs to know some information about the CPUs installed. Which two Solaris commands can be used to determine the number of CPUs installed, and the speed of each? (Choose two.)

- A.psradm
- B.cpushat
- C.devfsadm
- D.psrinfo -v
- E.prtdiag -v

Correct:D E

10.You are checking a Sun Fire V880 system configuration for dual-loop fibre disk operation. What command will show the existence of dual-loop?

- A. `prtf -v`
- B. `prtcnf -pv`
- C. `prtdiag -v`
- D. `luxadm display enclosure`
- E. `luxadm -e disp_port_map path_to_disk`

Correct: D

11. You install a system to customer specifications and after rebooting you get the following message: NIS server not responding for ... retrying. The customer tells you that there is a network problem which prevents this machine from reaching the NIS server. You boot the machine into single user mode. What action should you take to allow the system to operate until the NIS server is reachable again?

- A. Edit `/etc/nsswitch.conf` so that file is first for all entries and reboot into multiuser mode.
- B. Copy `/etc/nsswitch.files` to `/etc/nsswitch.conf` and reboot into multiuser mode.
- C. Edit `/etc/resolv.conf` so that the domain entry is commented out and reboot into multiuser mode.
- D. Rename `/etc/rc2.d/S72inetsvc` to `/etc/rc2.d/DisabledS72inetsvc` and reboot into multiuser mode.

Correct: B

12. A customer requires additional swap space on their system. As the customer does not want to repartition their disks, a decision to use a swap file is made. Which entry should you use in the `/etc/vfstab` file so that the new swap file is activated automatically when the system is booted?

- A. `/path/filename - - swap - no -`
- B. `/path/filename - - tmpfs - no -`
- C. `/path/filename - - swap - yes -`
- D. `/path/filename - - tmpfs - yes -`

Correct: A

13. After creating a Jumpstart server, you try to boot the client using the command `boot net - install`, but receive the following messages: `ok boot net - install Boot device: /pci@1f,700000/network@2 File and args: - install Timeout waiting for ARP/RARP packet Timeout waiting for ARP/RARP packet Timeout waiting for ARP/RARP packet Timeout waiting for ARP/RARP packet Timeout waiting for ARP/RARP packet` Which five could cause this problem? (Choose five.)

- A. Alias "net" not correctly set
- B. Client not running `watch-net-all`
- C. `in.rarpd` not running on boot server
- D. Network cable not correctly connected
- E. A duplicate hostname in `/etc/hosts`
- F. Failed to issue a `reconfigure boot` command
- G. MAC address entry missing in `/etc/ethers`

Correct: A C D E G

14. You are updating Jumpstart config files with the following parameters supplied by the customer: `system_locale=C` `timezone=US/Eastern` `timeserver=129.148.94.5` `network_interface=primary {netmask=255.255.255.0 protocol_ipv6=no}` `terminal=dtterm` `security_policy=NONE` `name_service=NONE` Which file should you update with the customer required parameters?

- A./etc/bootparams
- B./Jumpstart/rules
- C./Jumpstart/class
- D./Jumpstart/sysidcfg

Correct:D

15.You are asked to configure a Sun Fire 6800 domain to remotely mount /usr/local. The filesystem mount must have the following properties: 1) The client must not be able to delete files on the server. 2) The filesystem must be automatically mounted at boot time. Which /etc/vfstab entry meets both requirements?

- A.remote-server:/usr/local - /usr/local nfs - no rw
- B.remote-server:/usr/local - /usr/local nfs - yes ro
- C.remote-server:/usr/local - /export/local nfs - no rw
- D.remote-server:/export/local - /usr/local rfs - yes ro

Correct:B

16.A customer has centralized platform and domain logging on a Sun Fire 6800 to a log server called 'sfv210-a'. The customer wants to keep the platform and domain messages separate, so they have configured the System Controller on the Sun Fire 6800 to use the syslog facility 'local0' for the platform messages, and 'local1' for the domain messages. What two lines should be added to the /etc/syslog.conf file on the log server 'sfv210-a' to separate the two types of syslog messages? (Choose two.)

- A.local0.notice /var/adm/messages
- B.local1.notice /var/adm/messages
- C.local1.notice /var/adm/messages.local1
- D.local0.notice /var/adm/messages.local0
- E.local0.notice sfv210-a:/var/adm/messages.local0
- F.local1.notice sfv210-a:/var/adm/messages.local1

Correct:C D

17.You are configuring the eri0 network interface using the ifconfig command with the options netmask + and subnet mask 255.255.255.0. # /usr/sbin/ifconfig eri0 netmask + To verify the system is properly set up you issue an ifconfig -a command. You notice that the eri0 network interface has the netmask incorrectly set for 255.255.0.0. Which file do you need to check first?

- A./etc/hosts
- B./etc/netmasks
- C./etc/hostname.eri0
- D./etc/nsswitch.conf

Correct:B

18.A user of DHCP is having trouble connecting to a DHCP server. After analyzing the system, you find the DHCP daemon is NOT running. Which command should you use to start the DHCP daemon?

- A./usr/lib/inet/dhcpd
- B./etc/rc2.d/dhcp start
- C./etc/init.d/dhcp start
- D./etc/init.d/S45dhcp start

E./etc/rc2.d/S99dhcpageant start

Correct:C

19.You have connected a workstation's 'ce0' interface into a network with a DHCP service. Which command should you issue to have your workstation receive a DHCP IP address from the server?

- A.dhcp get ce0
- B.dhcpconfig ce0
- C.ifconfig ce0 plumb dhcp
- D.ifconfig ce0 plumb auto-dhcp

Correct:D

20.You receive a call from a customer who states that their Solaris 9 NTP client is not synchronizing to their NTP server. Which three commands should you use to investigate further? (Choose three.)

- A.ntpq -p
- B.svcs -l xntp
- C.ps -ef | grep xntp
- D.cat /etc/inetd/ntp.client
- E.cat /etc/inetd/ntp.server
- F.grep xntpd /var/adm/messages

Correct:A C F

21.A customer's Sun Blade 100 workstation with the IP address, 192.162.13.20, is unable to contact an HTTP server with the IP address, 192.146.14.20. The customer was given the router IP address, 192.162.13.4, by the network administrator and told to configure a static route to solve their problem. Which command should you tell them to use to configure this static route?

- A.route add -net 192.146.14.0 192.162.13.4 1
- B.route add default 192.162.13.0 (no change)
- C.route add -net 192.162.13.4 192.146.14.0 1
- D.route add -host 192.146.14.20 192.162.13.0 1

Correct:A

22.You are installing a Sun Fire E6900 and need to assign an IP address to the System Controller. What command should you use from the System Controller?

- A.setupsc
- B.setupdomain
- C.setupnetwork
- D.setupplatform

Correct:D

23.While troubleshooting the Solaris TCP stack, you require additional TCP debugging information. To enable the TCP debugging option you use the ndd command. What is the correct procedure to enable debug mode for TCP?

- A.# ndd -get /dev/tcp tcp_debug # ndd -set /dev/tcp tcp_debug 10 # ndd -get /dev/tcp tcp_debug
 - B.# ndd -get /dev/tcp tcp_debug # ndd -set /dev/tcp tcp_debug 10 # ndd /dev/tcp \? # init 6
 - C.# ndd -get /dev/tcp tcp_debug # ndd -set /dev/tcp tcp_debug 10 # ndd -get /dev/tcp tcp_debug # init 6
 - D.# ndd -get /dev/tcp tcp_debug # ndd -set /dev/tcp tcp_debug 10 # ndd -get /dev/tcp tcp_debug # reboot
- -r

Correct:A

24. A customer wants to expand their file system capacity on a Sun Fire E20K using Solaris Volume Manager. What command should you use to add the additional capacity?

- A.newfs
- B.growfs
- C.expandfs
- D.metainitfs

Correct: B

25. You have added additional external storage to a system and are able to see the new devices with format. When configuring new metadevices (starting with d512) using Solaris Volume Manager, you get : metainit: system01: d512: No such file or directory What should you do to resolve this problem?

- A.Clean up the devices with devfsadm -C.
- B.Configure c4 with cfgadm -c configure c4.
- C.Change nmd entry in /kernel/drv/md.conf and reboot -- -r.
- D.Put an entry for nmd (set nmd =) into /etc/system and reboot -- -r.

Correct: C

26. You are creating a 15 GB mirrored volume, 'u01', on a Sun Fire 6900 and have initialized two disks in a new diskgroup, 'edcs'. You are using disks 'edcs01' and 'medcs01' for the mirror. Given the vxdisk list output: # vxdisk list DEVICE TYPE DISK GROUP STATUS c0t0d0s2 sliced rootdisk rootdg online c0t1d0s2 sliced rootmirror rootdg online c2t0d0s2 sliced edcs01 edcs online c2t1d0s2 sliced medcs01 edcs online What command should you use to create the volume?

- A.vxdg -g edcs make u01 15G layout=mirror edcs01 medcs01
- B.vxdg -g rootdg make u01 15G layout=mirror edcs01 medcs01
- C.vxassist -g edcs make u01 15G layout=mirror edcs01 medcs01
- D.vxassist -g rootdg make u01 15G layout=mirror edcs01 medcs01

Correct: C

27. A customer has a system with Veritas Volume Manager installed and configured. The system had a bad disk, 'c1t5d0', which hot relocated the subdisks from disk05 to disk07. After replacing the bad disk, you need to relocate the subdisks back to disk05. The disk group is home01. Which command will relocate the subdisks back to their original location?

- A.vxdisk move !disk07 disk05
- B.vxsd -g home01 mv disk07 disk05
- C.vxassist -g home01 move !disk07 disk05
- D.vxassist -g home01 relocate !disk07 disk05

Correct: C

28. A junior colleague is working at a customer site and is attempting to bring up StorADE in the browser on one of the customer workstations. The colleague has forgotten the port number on which this service runs and calls you for assistance; that port number is needed as part of the URL to start the StorADE GUI. The hostname of the server to access is 'storserv'. What URL contains the correct default port number?

- A.http://storserv:4567
- B.http://storserv:5678
- C.http://storserv:7654

D.http://storserv:8765

Correct:C

29.You are setting up LUNs 0 to 8 on an A3500 with RAID Manager. Shortly after setting up LUN 8 you get the following message in RAID Manager: Could not scan controllers What action should you take in response to this message?

A.Delete LUN 8 and wait until LUN 7 goes optimal before creating LUN 8 again.

B.Select lun assignment on the LUN create options screen and change the controller assignment of LUN 8 to the next available controller.

C.Change set SystemMaxLunsPerController= to 16 in /etc/system, start /usr/lib/osa/bin/genscsiconf and perform a reconfiguration boot.

D.Change SystemMaxLunsPerController= to 16 in /etc/osa/rmparams, start /usr/lib/osa/bin/genscsiconf and perform a reconfiguration boot.

Correct:D

30.You are installing a StorEdge A3500. You have created 5 LUNS, but after a boot -r can only see one of them in the format output. What should you modify/run to increase the single LUN issue?

A./etc/osa/rmparams

B./kernel/drv/sd.conf

C./kernel/drv/rdriver.conf

D./usr/lib/osa/bin/symconf

Correct:B

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