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The Power of Knowing



Exam : 310-878

Title : SUN Certified Field Engineer

Ver : 10-24-08

QUESTION 1

Exhibit:

```
Nov 22 21:28:38 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Loop OFFLINE  
Nov 22 21:28:38 netmon*qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Link ONLINE  
Nov 22 21:28:40 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Loop OFFLINE  
Nov 22 21:28:40 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Link ONLINE  
Nov 22 21:28:41 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Loop OFFLINE  
Nov 22 21:28:41 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Link ONLINE  
Nov 22 21:28:42 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Loop OFFLINE  
Nov 22 21:28:42 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Link ONLINE  
Nov 22 21:28:44 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Loop OFFLINE  
Nov 22 21:29:47 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Link ONLINE  
Nov 22 21:37:48 netmon qlc: [ID 686697 kern.info] NOTICE: Qlogic qlc(1):  
Loop OFFLINE
```

When browsing through the message file of a Sun Fire V240 you notice these messages:

What device are these messages most likely about?

- A. Network interface
- B. Serial port
- C. GBIC
- D. NFS mounted disk drive

Answer: C

QUESTION 2

You are on site and a remote administrator wants to verify that a failed internal disk in a Sun Fire V440 is ready to replace. What two things should you do to confirm that the disk is ready for replacement? (Choose two.)

- A. Check that the amber LED beside the disk drive slot is on.
- B. Check that the blue LED beside the disk drive slot is blinking.
- C. Make sure no LEDs are on.
- D. Issue the RSC command showenvironment.
- E. Check that the blue LED beside the disk drive slot is on.

Answer: D,E

QUESTION 3

You need to email a 3.6 MB file, explorer.hostid.tar.gz, to an escalation engineer for analysis. However, at the customer site, file attachments cannot exceed 2MB, so you decide to split the file into two 1.8MB segments.

Which command can you use?

- A. split explorer.hostid.tar.gz -1.8m

- B. split -b 1.8m explorer.hostid.tar.gz
- C. split -b 1.8k explorer.hostid.tar.gz
- D. split -k explorer.hostid.tar.gz

Answer: B

QUESTION 4

A customer reports that they experience intermittent disk errors when remotely accessing certain programs on a Sun Fire V210.

What command should you use to establish a real time monitoring session for this Solaris machine?

- A. cat /var/adm/messages
- B. tail -f /var/adm/messages
- C. tail -f /etc/net/log
- D. tail -f /var/adm/netlog

Answer: B

QUESTION 5

PS1 has failed on a Sun Fire V440. The customer would like to replace the power supply without shutting the system down or impacting current operation.

What ALOM command should you run prior to physically replacing the power supply?

- A. removefru ps1
- B. scadm frudel ps1
- C. disable ps1
- D. cfgadm -c unconfigure ps1

Answer: A

QUESTION 6

To resolve a bug a customer is experiencing, you need to install a patch. You've copied the patch file, 111111-01.tar.gz, to /tmp. To install it, you will have to unpack it first.

How can you unpack the archive?

- A. gzcat 111111-01.tar.gz | tar xf -
- B. tar cvf 111111-01.tar.gz | gunzip -
- C. uncompress 111111-01.tar.gz
- D. gunzip 111111-01.tar.gz | tar tvf -

Answer: A

QUESTION 7

A customer is unable to ping their Sun Fire V240. You notice the green activity LED is on, which means the server is powered up and running Solaris. The Service Required LED is off.

What is the most logical indication to check next?

- A. whether the hard drive activity lights are green and flashing
- B. whether the power supply LEDs are green
- C. whether the locator light is on
- D. whether the network link light is on and green

Answer: D

QUESTION 8

You are accessing a Sun Fire 280R server using a tip session from a Sun Blade 1500 workstation. You need to stop the server from booting to the OS level in order to change OBP environment variables.

What key sequence should you enter?

- A. STOP-A
- B. ~.
- C. #.
- D. ~#

Answer: D

QUESTION 9

A customer calls to inform you that their Sun Fire V240 has panicked. They have not written down any of the error messages and can only remember small parts of the errors that they saw. The customer makes reference to the following:

Fault_PC 0x1027238 Esysnd 0x0019 MB/P0/B1/D1: B1/D1

Error on MB/P0/B1/D1: B1/D1 is Persistent

Based on the small amount of information the customer has been able to provide you, where in the system does the error most likely reside?

- A. PCI card
- B. Motherboard
- C. Memory module
- D. Internal disk drive
- E. CPU module

Answer: C

QUESTION 10

You have added a bank of memory to a Sun Fire V440 and need to verify that the memory is available to the Solaris OS.

Which two commands will show you how much memory is seen by Solaris? (Choose two.)

- A. memdef
- B. meminfo
- C. sysdef
- D. prtconf
- E. prtdiag -v

Answer: D,E

QUESTION 11

A customer cannot see a Solaris 9 partition that should be mounted. The disk can be seen under Solaris.

How can you check that the partition is mounted?

- A. df -h
- B. du -i
- C. sar -i 5
- D. disk -h

Answer: A

QUESTION 12

A customer has had a failure on a Sun Fire V250 currently in production. They are not sure what has failed, and the machine is still up and running. The customer wants to know what the implications are for downtime under various possible repair scenarios. The system has 2 power supplies, 4 internal disks, 2 SCSI controller PCI cards, 1 SCC, and 2 tape drives.

What two FRUs can you replace while Solaris is running? (Choose two.)

- A. Internal tape drive
- B. System Configuration Card
- C. Hard disk
- D. SCSI controller PCI card
- E. Power supply

Answer: C,E

QUESTION 13

You have installed a new CPU module into a Sun Fire 280R. The CPU module is the correct speed for the system, and you have torqued it appropriately.

What must you do next to ensure that Solaris can use the new CPU?

- A. Perform a reconfiguration reboot.
- B. Nothing; the new CPU should be accessible.

- C. Update the /etc/path_to_inst file for the new CPU.
- D. Boot the system and run psradm -n.

Answer: B

QUESTION 14

A customer has a Sun Fire V250 and wants you to populate an additional memory bank. After you have physically added the new DIMMs, you need to run OpenBoot in diagnostics mode to verify that the new memory is accepted by the system. In what two ways can you enable diagnostics mode? (Choose two.)

- A. Set the OBP variable service-mode? to true.
- B. Turn the Operation Mode switch to the relevant position.
- C. Set the OBP variable diag-switch? to true.
- D. Set the OBP variable diag-level to menus.

Answer: B,C

QUESTION 15

You need to locate and replace a hard failed power supply in a Sun Fire V440. What color is the service Required LED indicating a failed power supply?

- A. Green
- B. White
- C. Amber
- D. Red

Answer: C

QUESTION 16

As part of an add-on installation on a Sun Fire V440 you need to determine if the FlashPROM should be upgraded to recognize the new hardware. What OBP command will give you the actual revision running?

- A. .version
- B. printenv release
- C. release
- D. show-version

Answer: A

QUESTION 17

A customer has a Sun Fire V440 with four internal disks and an attached StorEdge 3310 disk array. They have emailed the following error messages to you:

```
Sep 5 03:51:43 sunshine ldap_cachemgr[177]: [ID 722288 daemon.error]
Error: Unable to refresh from profile: __default_config. (error=2)
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.warning] WARNING:
/pci@1f,700000/scsi@2/sd@1,0 (sd2):
Sep 5 03:51:43 sunshine          Error for command: write(10)
Error Level: Retryable
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.notice]   Requested
Block: 71069437          Error Block: 71069437
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.notice]   Vendor: SEACATE
          Serial Number: 0347S1MNVF
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.notice]   Sense Key: Unit Attention
Sep 5 03:51:43 sunshine: [ID 107833 kern.notice]   ASC: 0x29
(<vendor unique code 0x29>), ASCQ: 0x3, FRU: 0x0
Sep 6 03:51:43 sunshine ldap_cachemgr[177]: [ID 722288 daemon.error]
Error: Unable to refresh from profile: __default_config. (error=2)
```

Based on these error messages, what component should you replace first?

- A. Internal disk backplane
- B. System board
- C. Internal disk c1t3d0
- D. External disk c1t3d0
- E. SCSI controller

Answer: C

QUESTION 18

A new SCSI disk has been added to a system, but after a boot Solaris cannot see the disk using format.

What step should you take to enable Solaris to see the disk?

- A. From Solaris, run devfsadm -C.
- B. From Solaris, run cfgadm -al.
- C. From OBP, run probe-scsi -e to enable disk.
- D. From Solaris, replace the faulty disk.
- E. From OBP, run boot -i.

Answer: A

QUESTION 19

A customer's Sun Fire V240 crashed, but no core dump file was saved because the utility to save a core dump was incorrectly configured.

What command should you use to change the configuration to allow a core file to be saved automatically in the future?

- A. dumpcore
- B. dumpadm
- C. vmcore
- D. coresav

Answer: B

QUESTION 20

After completing an install on a Sun Fire V440, you need to place it into production.

What two methods can you use to power on the server from the front panel?
(Choose two.)

- A. Ensure the power supply Standby/AC Available LED is green; Turn the system control keyswitch to the standby position; Depress the power button for 4 seconds.
- B. Ensure the power supply Standby/AC Available LED is green; Turn the system control keyswitch to the normal position; Momentarily depress the power button.
- C. Ensure the power supply Standby/AC Available LED is green; Turn the system control keyswitch to the diagnostic position; Momentarily depress the power button.
- D. Ensure the power supply Standby/AC Available LED is green; Turn the system control keyswitch to the knocked position; Momentarily depress the power button.
- E. Ensure the power supply Standby/AC Available LED is green; Turn the system control keyswitch to the knocked position; Depress the power button for 4 seconds.

Answer: B,C

QUESTION 21

A Sun Fire V240 has failed. You ask the customer to provide information, including the ALOM run log.

What ALOM command will access the ALOM run log?

- A. `sc> cons hist -l`
- B. `sc> consolehistory -v`
- C. `sc> console history -l`
- D. `sc> showhistory -v`

Answer: B

QUESTION 22

You need to copy a directory called `ercury` to another system on the intranet.

What is the command syntax for user `pars` to copy a directory called `ercury` from `hostname enus` to `hostname arth`?

- A. `rcp -rp venus:/export/home/mars/mercury earth~`
- B. `rcp -rp venus:/export/home/mars/mercury earth`
- C. `rcp -rp venus:/export/home/mars/mercury earth:~`
- D. `rcp venus:/export/home/mars/mercury earth`

Answer: C

QUESTION 23

You have added a bank of memory on a Sun Fire V440 and need to verify that the new memory DIMMs are seen by the system.

How do you verify that the memory is seen at the OBP level?

- A. `show-devs`

- B. banner
- C. dev/ls
- D. show-mem

Answer: B

QUESTION 24

A customer has a failed boot disk, c1t0d0, in a Sun Fire V210. The disk is mirrored using Solaris Volume Manager. The customer wants the disk replaced without bringing the system down.

What command should you run prior to removing the failed disk?

- A. metadevadm -u c1t0d0
- B. cfgadm -c unconfigure c1::dsk/c1t0d0
- C. luxadm remove_device /dev/rdisk/c1t0d0s2
- D. vxdisk rm c1t0d0

Answer: B

QUESTION 25

After completing an upgrade of CPUs on a Sun Fire V210, you need to perform POST to verify the functionality of the CPUs.

What should you accomplish before power on in sc mode?

- A. sc> hpost
- B. sc> bootmode diag
- C. sc> setenv diag-switch? true
- D. sc> boot -r

Answer: B

QUESTION 26

A new Sun Fire V440 has arrived onsite for an installation. The system must be allowed to acclimate after delivery to the customer site to prevent any damage to the system.

Which three factors need to be considered prior to applying power to a newly delivered system? (Choose three.)

- A. Humidity
- B. Temperature
- C. Barometric Pressure
- D. Cleanliness
- E. Size

Answer: A,B,D

QUESTION 27

A customer wants to control the access rights of a user to ALOM. The user should only be allowed to change the state of ALOM configuration variables and to reboot ALOM.

What permissions should you assign this user?

- A. r
- B. c
- C. a
- D. u

Answer: C

QUESTION 28

You have added a CPU to a Sun Fire V440 and need to verify that the number of CPUs physically installed corresponds to the number of CPUs seen in Solaris. Which two commands will show you how many CPUs are seen in Solaris? (Choose two.)

- A. cpulist
- B. psrinfo
- C. psradm -a
- D. pset
- E. prtdiag -v

Answer: B,E

QUESTION 29

You arrive at a customer site to perform a CPU upgrade to a Sun Fire 280R and find that the CPU speed of the existing CPU and the CPU to be added are different. What should you accomplish before adding the new CPU?

- A. Update the kernel to support mixed speeds.
- B. Put the slower CPU in the lowest slot.
- C. Update OBP to support mixed speeds.
- D. Get a CPU matching the existing CPU speed.

Answer: D

QUESTION 30

You are replacing a faulty PS1 on a Sun Fire V440. The blue LED on the rear of the unit next to PS1 is lit.

What does this LED status indicate?

- A. Service Required
- B. OK-to-Remove

- C. Standby Available
- D. Power

Answer: B

QUESTION 31

You are upgrading the OBP and POST on a Sun Fire V240 server.

Given the following tasks:

1. Download and unzip required patch
2. Boot Solaris from CD-ROM
3. Verify current PROM revision level
4. Run flash-update utility from OBP
5. Run flash update from Solaris level
6. Move flash update file to root directory
7. Boot from the file the patch specifies
8. Power off machine
9. Reset NVRAM to default
10. Reboot server

In which sequence should you perform the tasks?

- A. 9, 1, 6, 4, 8, 10
- B. 6, 7, 5, 8, 9, 10
- C. 3, 2, 5, 9, 8, 10
- D. 3, 1, 6, 7, 5, 10
- E. 1, 3, 8, 9, 4, 10
- F. 1, 8, 9, 2, 5, 10

Answer: D

QUESTION 32

A customer has a Sun Fire V240 Server that experienced a crash last weekend. A core dump was saved and consists of two files: unix.0 and vmcore.0. You need to pack these files in a tar.gz archive, for upload.

How can you create the archive?

- A. `gzip unix.0 vmcore.0 | tar cf archive.tar.gz`
- B. `gzcat unix.0 vmcore.0 | tar cf - archive.tar.gz`
- C. `tar cf - archive.tar.gz unix.0 vmcore.0 | gzip`
- D. `tar cf - unix.0 vmcore.0 | gzip > archive.tar.gz`

Answer: D

QUESTION 33

A customer informs you that their Sun Fire V480 crashed and will not boot. They are getting an error message, but it scrolls off screen too rapidly to report it.

What command should you issue in an attempt to isolate the boot problem to

hardware or software?

- A. setenv diag-level max
- B. boot cdrom -sv
- C. test-network
- D. boot default-device

Answer: B

QUESTION 34

A customer has a Sun Fire V250 and wants you to add a SCSI controller PCI card. After you have physically added the card, you want to check if the new SCSI controller is recognized.

What OpenBoot command should you use to recognize the controller?

- A. probe-scsi-all
- B. probe-pci-bus
- C. probe-pci-slots
- D. probe-scsi

Answer: A

QUESTION 35

You are performing tests at the OBP level on a Sun Fire V440 to validate the system's overall health.

What OBP command can you use to access the menu driven tests?

- A. show-post-results
- B. show-devs
- C. obdiag
- D. devalias

Answer: C

QUESTION 36

You receive a call from a customer saying that the power supply amber fault LED is lit on a Sun Fire V240.

What should you ask the customer to do to confirm that the fault is genuine?

- A. Show the FRU using prtfru.
- B. Display system information using prtdiag.
- C. Power cycle the Sun Fire V240.
- D. Reseat the power supply.

Answer: B

QUESTION 37

While looking at the logs on the ALOM of a Sun Fire V210 you see the following messages:

```
sc> showlogs -v
Persistent event log
-----
Log entries since MAY 26 15:08:10
-----
MAY 26 15:08:10 unknown: 00060003: "SC System booted."      MAY 26 15:08:13 unknown:
00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning threshold."
MAY 26 15:08:26 unknown: 0004004f: "Indicator MB.SERVICE is now ON"
MAY 26 16:08:16 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 17:08:18 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 18:08:19 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 19:08:22 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 20:08:25 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 21:08:28 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 22:08:31 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 26 23:08:32 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 27 00:08:34 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 27 01:08:37 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 27 02:08:40 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 27 03:08:42 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 27 04:08:45 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
MAY 27 05:08:46 unknown: 00040068: "VOLTAGE_SENSOR @ MB.BAT.V_BAT has exceeded low warning
threshold."
```

What FRU are these messages about?

- A. Battery
- B. Power supply
- C. Memory module
- D. Processor

Answer: A

QUESTION 38

While installing a SunFire V440 server you are instructed to check the firmware level of the attached Hitachi disks.

Which sub-command of format should you use to check the firmware revision of the disk(s)?

- A. verify
- B. type
- C. inquiry
- D. label

Answer: C

QUESTION 39

You have installed an additional internal disk in a Sun Fire V440 and need to verify that the new disk is seen by the system.

How can you get a list of the disks seen at the OBP level?

- A. probe-ide

- B. show-disks
- C. probe-scsi-all
- D. probe-fcal-all

Answer: C

QUESTION 40

A customer has had a failure on a Sun Fire V440 currently in production. They are not sure yet what has failed and the machine is still up and running. The customer wants to know what the implications are for downtime under various possible repair scenarios.

What two FRUs can you replace while Solaris is running? (Choose two.)

- A. CPU fan tray
- B. CPU/memory module
- C. PCI card
- D. Disk
- E. Power supply

Answer: D,E

QUESTION 41

You have finished physically adding a CPU to a Sun Fire V440 and need to verify that the number of CPUs physically installed corresponds to the number of CPUs seen at the OBP level.

How can you check how many CPUs are seen at the OBP level?

- A. show-cpus
- B. list-cpus
- C. show-devs
- D. upa-list

Answer: C

QUESTION 42

You are installing a Sun Fire V440, which is NOT installed with a Pre-Boot Image.

What two methods could you use to install the system? (Choose two.)

- A. sc> console
- B. ok reset-all
- C. ok boot net - install
- D. ok boot cd -install
- E. ok boot cdrom - install

Answer: C,E

QUESTION 43

You are asked to investigate a problem on a Sun Blade 150 where the message Contents of Idprom Invalid is reported at boot time and the system will not boot. What is most likely the problem?

- A. The NVRAM is corrupt and requires replacing.
- B. The Sun Blade 150 needs an EPROM reload.
- C. The system board requires replacing.
- D. The OpenBoot Prom is faulty and requires a reload.

Answer: A

QUESTION 44

You are working on a Sun Fire V440. During POST, the following error is displayed:

0>IO-Bridge Tests....-

0>ERROR: TEST = Block Memory

0>H/W under test = CPU0 B0/D1 J0602 side 1 (Bank 0), CPU Module C0

0>Repair Instructions: Replace items in order listed by 'H/W under test' above.

0>MSG = Pin 55 failed on CPU0 B0/D1 J0602 side 1 (Bank 0), CPU Module C0

0>END_ERROR

You swap the DIMM in location J0602 with the one in location J0601 and run POST again. This time, the following error is displayed:

0>IO-Bridge Tests....-

0>ERROR: TEST = Block Memory

0>H/W under test = CPU0 B0/D0 J0601 side 1 (Bank 0), CPU Module C0

0>Repair Instructions: Replace items in order listed by 'H/W under test' above.

0>MSG = Pin 55 failed on CPU0 B0/D0 J0601 side 1 (Bank 0), CPU Module C0

0>END_ERROR

What should you do next?

- A. Replace the system board.
- B. Upgrade to the latest version of POST.
- C. Replace the DIMM indicated by the error messages.
- D. Replace the CPU indicated by the error messages.

Answer: C

QUESTION 45

When a hyper terminal session attached to a Sun Fire V240 serial management port is disconnected, the server changes state from running Solaris to the OBP OK prompt.

What is the correct check to prevent the server from changing state to the OBP OK prompt?

- A. Keyswitch is in the locked position.

- B. OBP input-device / output-device = rsc-console.
- C. ALOM user permissions is --cr.
- D. Console cable is NOT connected to ttya.

Answer: A

QUESTION 46

You need to remove nonmirrored disk 'c1t1d0' from the device tree on a Sun Fire V440.

What command should you run?

- A. umount mount-point
- B. raidctl -d c1t1d0
- C. cfgadm -c unconfigure c1::dsk/c1t1d0
- D. cfgadm -x unconfigure /dev/rdisk/c1t1d0

Answer: C

QUESTION 47

You have added an internal DVD-ROM drive to a Sun Fire V440 and performed a reconfigure boot. The drive is currently empty.

How should you determine whether Solaris sees the new DVD-ROM drive?

- A. iostat -En
- B. rmformat
- C. format -M
- D. df -F hsfs

Answer: A

QUESTION 48

A customer has a Sun Fire V440 that has crashed and now gives no screen output.

You need to see if the system outputs anything on its serial port. You have a laptop with terminal emulation software running, but you need a cable to connect your laptop to the system's serial port.

What type of cable do you need?

- A. Differential SCSI
- B. Straight serial
- C. Parallel
- D. Null modem

Answer: D

QUESTION 49

A customer has emailed you the file,

explorer.80abf55e.webserver-2005.05.26.01.21.tar.gz, which you have saved to your local system. Now you want to expand the file.
What command can you run?

- A. uncompress explorer.80abf55e.webserver-2005.05.26.01.21.tar.gz
- B. gzip -d explorer.80abf55e.webserver-2005.05.26.01.21.tar.gz
- C. gzip -x explorer.80abf55e.webserver-2005.05.26.01.21.tar.gz
- D. uncompress explorer.80abf55e.webserver-2005.05.26.01.21.tar

Answer: B

QUESTION 50

A mandatory FIN has just been released regarding the Sun Fire V440 Flash PROM revision. You are tasked to find out if a particular customer's V440 Flash PROM revision is affected.

What are the two commands to check the firmware level of the Flash PROM when at the OK prompt, and when the OS is running? (Choose two.)

- A. prtfru -l
- B. prtdiag -v
- C. banner
- D. .version
- E. .ver
- F. prtconf -v

Answer: B,D

QUESTION 51

You have just replaced an internal hard drive in a Sun Fire V440. The system is at the OK prompt.

What command should you run to make sure the hard drive is showing up in the system?

- A. show-disks
- B. probe-scsi
- C. probe-fcal
- D. probe-ide

Answer: B

QUESTION 52

You are trying to physically locate a specific Sun Fire V210 in a rack of Sun Fire V210s. You have a telnet session in to the unit you want to find.

What command will turn the locator LED on from the Solaris prompt?

- A. /usr/sbin/locator on

- B. /usr/sbin/locator -n
- C. /usr/sbin/locator -f on
- D. /usr/sbin/locator -f

Answer: B

QUESTION 53

You are installing a fibre card interface in a Sun Fire V240.

After POST completes, what command should you run at the OK prompt to confirm the presence of the new board?

- A. show-devs
- B. show-components
- C. show-system
- D. show-boards

Answer: A

QUESTION 54

You have just added a redundant power supply to a Sun Fire V440 in production. How should you check that the new power supply is in use?

- A. Look at the LED status on the new power supply.
- B. Reconfigure reboot the system and look at the boot messages.
- C. Verify pwr_enable=0 in /etc/default/power.
- D. Verify pwr_enable=1 in /etc/default/power.

Answer: A

QUESTION 55

You have just mirrored the boot disk to another internal disk on a Sun Fire V440. The customer would like you to create 2 aliases, rootdisk and irrordisk to each of these mirrored disks.

What command can you use to create an alias and make it permanent across reboots?

- A. storalias
- B. devalias
- C. mkalias
- D. nvalias

Answer: D

QUESTION 56

You are troubleshooting a Sun Blade 150 and need to run extended diagnostics. What is the syntax used to turn the diagnostics on from the ok prompt?

- A. eeprom diag-level=max
- B. setenv diag-switch? true
- C. eeprom diag-switch?=true
- D. setenv diag-level max

Answer: B

QUESTION 57

You are installing a disk drive but cannot remember the exact command syntax to check whether the device is installed and operating.

What OBP command would you use to find the correct syntax?

- A. help test probe
- B. see probe
- C. sifting probe
- D. probe-all sifting

Answer: C

QUESTION 58

A customer has a Sun Fire V240 that experienced a crash last weekend. A core dump was saved. You have already packed the core file in a tar.gz archive and established an FTP connection to the Sun cores FTP site.

What FTP subcommand should you run to start the transfer of the archive?

- A. put archive.tar.gz
- B. upload archive.tar.gz
- C. get archive.tar.gz
- D. push archive.tar.gz

Answer: A

QUESTION 59

Before you apply patch 116698-01 on a Sun Blade 1500, you need to write down the NVRAM information for reference purposes.

What command should you use at the ok prompt to view the NVRAM information?

- A. prtdiag
- B. sysinfo
- C. printenv
- D. showenvironment

Answer: C

QUESTION 60

You are onsite and need to connect your laptop to the serial console of a Sun Fire V240. Your laptop's serial port is DB9 male.

Which cable should you use to connect to the Sun Fire V240 serial mgt port?

- A. DB9 female to DB25 male
- B. DB9 female to DB9 female
- C. DB9 female to RJ45
- D. DB9 female to RJ11

Answer: C

QUESTION 61

A customer has had a failure on a Sun Fire V210 currently in production. They are not sure what has failed, and the machine is still up and running. The customer wants to know what the implications are for downtime under various possible repair scenarios. The system has 1 power supply, 2 disks in mirror, and 1 CD-ROM drive.

What FRU could you replace while Solaris is running?

- A. Power supply
- B. CD-ROM drive
- C. System Configuration Card
- D. Hard disk

Answer: D

QUESTION 62

A customer has a Sun Fire V120 with one 256MB memory DIMM installed in slot 0 and has requested that you install an additional 256MB DIMM in the system. There are 4 memory module slots (0 - 3) on the system board.

Which slot should be populated next?

- A. 3
- B. 1
- C. 2
- D. Any slot

Answer: B

QUESTION 63

A customer tells you that a Sun Fire V240 cannot be booted after changing the /etc/system file. The system does not have a CD-ROM drive, but there is a jumpstart server in the network. However, there are multiple network interfaces and not all are connected.

What is the command to confirm there is a network link?

- A. watch-net-all
- B. show-net-all
- C. boot-net-all
- D. probe-net-all

Answer: A

QUESTION 64

A Sun Fire V240 is having forced server shutdown errors. To isolate the problem, you run the showlogs command at the ALOM prompt and receive the following message:

```
sc> showlogs
.....
OCT 14 22:34:38 bear: 00020001: "CPU0 Thermal Warning Threshold
Alert. Temperature equals 105 Celsius."
OCT 14 22:36:49 bear: 00020003: "CPU0 Temperature Normal."
OCT 14 22:37:08 bear: 00020001: "CPU0 Thermal Warning Threshold
Alert. Temperature equals 105 Celsius."
OCT 14 22:42:31 bear: 00040000: "SC Request to Power Off Host."
OCT 14 22:42:32 bear: 00020002: "CPU0 exceeds shut down temperature.
Temperature equals 111 Celsius."
OCT 14 22:42:47 bear: 00020003: "CPU0 Temperature Normal."
OCT 14 22:43:06 bear: 00020001: "CPU0 Thermal Warning Threshold
Alert. Temperature equals 107 Celsius."
OCT 14 22:43:32 bear: 00070001: "hostPoweroffTask force off"
OCT 14 22:43:38 bear: 0004000e: "SC Request to Power Off Host
Immediately."
OCT 14 22:43:46 bear: 00040039: "Host system has shut down."
```

Which two components should you replace? (Choose two.)

- A. Motherboard
- B. Fan Assembly
- C. Power Supply
- D. CPU0 Heatsink Assembly
- E. Power Distribution Board

Answer: B,D

QUESTION 65

After a system crash, a Sun Fire V240 no longer boots up. You set the system to run in diagnostics mode and see the following message:

```
1> 1>ERROR: TEST = Block Memory
1>H/W under test = MB/P1/B0/D0 (Bank 0), Motherboard
1>Repair Instructions: Replace items in order listed by 'H/W under test' above
1>MSG = Pin 69 failed on MB/P1/B0/D0 (Bank 0), Motherboard
1>END_ERROR
```

Based on the error message, what part should you replace first?

- A. CPU
- B. Memory bank
- C. DIMM
- D. Motherboard

Answer: C

QUESTION 66

The customer has a Sun Fire V250 and notices the following in /var/adm/messages:

```
Dec 30 09:58:11 netmon scsi: [ID 107833 kern.warning]
WARNING: /pci@1d,700000/scsi@4/st@5,0 (st5):
Dec 30 09:58:11 netmon Error for command: write file mark
Error Level: Fatal
Dec 30 09:58:11 netmon scsi: [ID 107833 kern.notice]
Requested Block: 73 Error Block: 73
Dec 30 09:58:11 netmon scsi: [ID 107833 kern.notice] Vendor:
HP Serial Number: 9 $DR-1
Dec 30 09:58:11 netmon scsi: [ID 107833 kern.notice] Sense
Key: Media Error
Dec 30 09:58:11 netmon scsi: [ID 107833 kern.notice] ASC:
0x3b (sequential positioning error), ASCQ: 0x0, FRU: 0x0
Dec 30 10:04:17 netmon scsi: [ID 107833 kern.warning]
WARNING: /pci@1d,700000/scsi@4/st@5,0 (st5):
Dec 30 10:04:17 netmon Error for Command: write file mark
Error Level: Fatal
```

What component are these messages about?

- A. Tape drive
- B. CD-ROM drive
- C. Hard disk
- D. Memory DIMM

Answer: A

QUESTION 67

After installing Solaris Volume Manager, a customer reports the message forceload of misc/md_trans failed during boot. They are concerned that something is not working correctly.

What should you tell the customer?

- A. Solaris cannot see the misc/md_trans disk and requires reloading.
- B. The error message is for information only and can be ignored.
- C. The misc/md_trans driver cannot be loaded and requires re-installation.
- D. Edit the /etc/lvm/md.tab file to remove the problem lines.

Answer: B

QUESTION 68

You have replaced a failed CPU and executed POST diagnostics.

What command displays a summary of the last execution of the POST diagnostics?

- A. showenvironment
- B. dmesg

- C. show-post-results
- D. showlogs

Answer: C

QUESTION 69

You have completed the hardware configuration setup on a Sun Blade 1500 and need to check the network function from the ok prompt. What command should you use?

- A. probe-net
- B. sunvts -t
- C. watch-net
- D. show-nets

Answer: C

QUESTION 70

A customer has installed a new disk and says that it worked, but now cannot be seen at the OS. You need to review the work accomplished prior to diagnosing the problem. Where should you start your troubleshooting?

- A. Mountall to check that it is programmed to be mounted
- B. the /var/adm/messages file to see if the disk has been seen at boot time
- C. /etc/lvm/md.tab to check that it is in Solaris Volume Manager
- D. the /etc/vfstab file to see if it is mounted at boot time

Answer: B

QUESTION 71

You have physically added a tape drive to an external SCSI bus. Now you need to let Solaris create the device entries in /dev so the tape drive can be used by the applications without rebooting the system. How should you enable Solaris to create the device entries?

- A. mknod /dev/rmt/0n
- B. touch /reconfigure
- C. devfsadm -v -c tape
- D. tapeadm -r

Answer: C

QUESTION 72

A customer is trying to remotely power off all their servers due to a leaking water pipe in their computer room. The customer has issued an init 5 on all servers, but

according to the operators on site, some have not powered off and are sitting at the OK prompt.

What is the highest probable cause of this?

- A. The power off command should have been issued at OS prompt.
- B. The keyswitch is in locked position.
- C. OBP variable auto-boot? false is set.
- D. Users are still logged in.

Answer: B

QUESTION 73

A customer has removed some external tape drives and disk packs from a Sun Fire V240 and needs to clean up the device entries.

What command will accomplish this?

- A. devfsadm -c
- B. devfsadm -cleanup
- C. devfsadm -C cleanup
- D. devfsadm -C

Answer: D

QUESTION 74

A customer says that their Sun Fire V250 has demonstrated unusual behavior but is currently running fine. You need to check the environment and logs from the ALOM prompt without interrupting Solaris.

What default key sequence should you use?

- A. ~.
- B. .~
- C. ~#
- D. #.

Answer: D

QUESTION 75

A customer has a Sun Fire V440 with 2 internal disks in a disk mirror on the onboard HW RAID SCSI controller. One of the disks in this disk mirror failed and you replaced the disk on-line.

What command should you run to verify that the resync of the mirror is started?

- A. metastat
- B. diskutil
- C. raidctl
- D. metaclear

E. raidutil

Answer: C

QUESTION 76

A customer has emailed an Explorer file, explorer.838c3faf.glasman-2005.04.27.12.57.tar.gz, for analysis. What command can you run to extract the contents of this file for viewing?

- A. gunzip explorer.838c3faf.glasman-2005.04.27.12.57.tar.gz ; tar xvf explorer.838c3faf.glasman-2005.04.27.12.57.tar
- B. tar xvf explorer.838c3faf.glasman-2005.04.27.12.57.tar.gz ; tar xvf explorer.838c3faf.glasman-2005.04.27.12.57.tar
- C. decompress explorer.838c3faf.glasman-2005.04.27.12.57.tar.gz ; tar xvf explorer.838c3faf.glasman-2005.04.27.12.57.tar
- D. unzip explorer.838c3faf.glasman-2005.04.27.12.57.tar.gz ; tar xvf explorer.838c3faf.glasman-2005.04.27.12.57.tar

Answer: A

QUESTION 77

You are upgrading the OpenBoot PROM firmware on a Sun Fire V440. What two things should you consider to ensure a successful upgrade? (Choose two).

- A. Make sure that the keyswitch is set to the power-on or diagnostics position.
- B. Make sure the Remote System Control (RSC) has a valid password set.
- C. Check that the appropriate jumper settings allow write-access to the Flash PROM.
- D. Check that the OBP configuration variable use-nvramrc? is set to true.
- E. Ensure the system is running in single-user mode and no applications are running.

Answer: A,C

QUESTION 78

A customer has five Sun Fire V240 servers installed in a Sun Rack 900. You need to install a new disk drive into one of them, but none of the systems are labeled. What ALOM command should you use to turn on the server's Locator LED?

- A. locator -n
- B. locator on
- C. setlocator on
- D. set locator

Answer: C

QUESTION 79

You are installing a CPU module in a Sun Fire 280R.

What torque setting (in inch pounds) should be used on the CPU module screws?

- A. 5
- B. 10
- C. 8
- D. 2

Answer: A

QUESTION 80

A customer states that a Sun Fire V440 is producing error messages. You are connected to the ALOM and need to check the logs in ALOM. However, you are currently at an OS prompt.

What is the key sequence if you want to return to the ALOM command prompt from the console?

- A. ~#
- B. #.
- C. ~.
- D. #!

Answer: B

QUESTION 81

You are upgrading the OpenBoot PROM firmware on a Sun Fire V440.

What two things should you consider to ensure a successful upgrade? (Choose two).

- A. Check that the appropriate jumper settings allow write-access to the Flash PROM.
- B. Make sure that the keyswitch is set to the power-on or diagnostics position.
- C. Ensure the system is running in single-user mode and no applications are running.
- D. Check that the OBP configuration variable use-nvramrc? is set to true.
- E. Make sure the Remote System Control (RSC) has a valid password set.

Answer: A,B

QUESTION 82

A customer has a Sun Fire V20z with dual CPUs. CPU0 has been diagnosed to be faulty and you have been assigned to replace it.

Which four components within the chassis must be removed prior to removing the faulty CPU? (Choose four.)

- A. CPU voltage regulator module (VRM)
- B. Heatsink securing clip
- C. Memory voltage regulator module
- D. Center air baffle
- E. Fan

- F. Chassis cover
- G. Heatsink

Answer: B,D,F,G

QUESTION 83

You are installing firmware on a MAT3300N 300GB disk drive.

What two commands will expand the firmware archive, 11898001.tar.gz? (Choose two.)

- A. gunzip 118980-01.tar.gz ; tar xvf 118980-01.tar
- B. gzcata 118980-01.tar.gz | tar xf -
- C. unzip -q 118980-01.tar.gz ; tar xf 118980-01.tar
- D. uncompress 118980-01.tar.gz | tar xf -

Answer: A,B

QUESTION 84

You are onsite to replace a power supply in a Sun Fire V440. The power supply is still functioning, but is having voltage issues. You run the appropriate ALOM command to prepare the power supply for removal.

Which LED status on the power supply will tell you that it is ready for removal?

- A. Blue LED lit
- B. Green LED lit
- C. All LEDs off
- D. Amber LED lit

Answer: A

QUESTION 85

The amber fault LED is lit on a Sun Fire V240. You suspect a failed fan or a bad PSU.

What System Controller command will give you an overview of the status of the fans, the PSU, and the CPU temperatures?

- A. printenv
- B. showenvironment
- C. show-fru
- D. show-stat

Answer: B

QUESTION 86

A customer would like to use the ALOM feature on their Sun Fire V240, but is unable to access ALOM mode. They are able to log in to the Solaris OS via the

network.

What should you accomplish first in addressing this problem?

- A. Replace the motherboard.
- B. Review the logs.
- C. Reboot the system.
- D. Check serial port cabling.

Answer: D

QUESTION 87

You have finished physically adding a disk to a Sun Fire V440 as part of an add-on installation. To make the disk usable to Solaris you need to define the slices. How do you define the slices on the new disk?

- A. sfdisk
- B. diskadm
- C. format
- D. prtvtoc

Answer: C

QUESTION 88

After replacing a faulty DVD drive on a Sun Fire V210 you want to confirm the new drive is available to the system. Which OBP command allows you to check the connections to the new DVD drive?

- A. probe-scsi-all
- B. watch-net
- C. probe-scsi
- D. show-disks
- E. probe-ide

Answer: E

QUESTION 89

You need to service a Sun Fire V440 that is installed in a fully populated rack. Which can be serviced from the front of the Sun Fire V440, without the need to remove it from the rack or power it down?

- A. Power supplies
- B. CPU fan trays
- C. PCI fan trays
- D. PCI cards

Answer: A

QUESTION 90

A customer cannot get their Sun Fire V210 to the ALOM prompt from the OS and asks how to accomplish this.

What command or keystroke sequence will take you to the ALOM prompt?

- A. ~.
- B. #.
- C. break
- D. control]

Answer: B

QUESTION 91

A customer has a Sun Blade 1500 Workstation that has crashed and now gives no screen output. The system has a keyboard and screen attached. You want to see if the system outputs anything on its serial port. You have a laptop with terminal emulation software running, but you still need to force the output to the system's serial port.

How should you accomplish this?

- A. Disconnect the monitor before booting.
- B. Tap the power button while booting.
- C. Connect the laptop to the Sun Blade 1500 before booting.
- D. Disconnect the monitor and the keyboard before booting.
- E. Press STOP-F on the keyboard while booting.

Answer: D

QUESTION 92

You are working on a Sun Fire V440 and notice there is a white LED lit on the system. The LED has the following icon beside it:



What does this LED indicate?

- A. The FRU can now be safely removed.
- B. The system has power applied.
- C. A hardware fault.
- D. The location of a system in a rack.

Answer: D

QUESTION 93

You have been asked to install extra memory into a single CPU Sun Fire V240. The new DIMMs are identical to the ones already in the system. The first four memory slots are full, so you install the new memory into the remaining four slots. Upon powering on the system, you note that the amount of memory in the system has not increased.

What could be the problem?

- A. The OBP does not support the speed of the new DIMMs.
- B. The new memory is not seated properly.
- C. A second CPU is required to see the memory you have installed.
- D. The OBP does not support the size of the new DIMMs

Answer: C

QUESTION 94

A Sun Fire V240 has crashed. Upon reboot you notice that the system was trying to save a core dump, but failed because of lack of disk space.

How should you make suitable space available for the next core dump file?

- A. Remove old core files from /dev directory on root partition.
- B. Change the dump device specified by coresav to be a swap partition that is at least twice the size of physical memory.
- C. Remove unnecessary files from partition specified by dumpadm.
- D. Delete any secondary swap devices to make their space available for coredumps.

Answer: C

QUESTION 95

A Sun Fire V440 reports a system failure after POST and faults to the OBP prompt.

You need to retrieve information on the failed components.

What OBP command can be used to accomplish this?

- A. show-devs
- B. printenv
- C. show-post-results
- D. devalias

Answer: C

QUESTION 96

A customer's Sun Fire V240 has crashed. Upon reboot, you notice that the system was attempting to save a core dump but failed because of lack of space on the

filesystem. After you have made some free space, you still want to have this core dump file saved, if possible.

How can you attempt to obtain a corefile after rebooting?

- A. Reconfigure and run dumpcore.
- B. Manually run dumpadm.
- C. Remap and restart vmcore.
- D. Manually run savecore.
- E. You need to wait until next crash occurs.

Answer: D

QUESTION 97

After replacing a failed internal disk drive on a Sun Fire V440, you see the following error message:

```
Sep 5 03:51:43 sunshine ldap_cachemgr[177]: [ID 722288 daemon.error]
Error: Unable to refresh from profile: __default_config. (error=2)
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.warning] WARNING:
/pci@1f,700000/scsi@2/sd@1,0 {sd2}:
Sep 5 03:51:43 sunshine          Error for command: write (10)
          Error Level: Retryable
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.notice]   Requested
Block: 71069437          Error Block: 71069437
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.notice]   Vendor: SEAGATE
          Serial Number: 0347S1MNVP
Sep 5 03:51:43 sunshine scsi: [ID 107833 kern.notice]   Sense Key: Unit Attention
Sep 5 03:51:43 sunshine: [ID 107833 kern.notice]   ASC: 0x29
(<vendor unique code 0x29>), ASCQ: 0x3, FRU: 0x0
Sep 6 03:51:43 sunshine ldap_cachemgr[177]: [ID 722288 daemon.error]
Error: Unable to refresh from profile: __default_config. (error=2)
```

You input the following command from the Solaris OS:

```
#cfgadm -c unconfigure /dev/rdisk/c1t0d0
```

What will you expect the disk drive LED status lights to show?

- A. 'Power On' LED is ON.
- B. 'Active' LED is ON.
- C. 'Service Required' LED is ON.
- D. 'OK-to-Remove' LED is ON.

Answer: D

QUESTION 98

You are searching for error messages that should be in the last 100 lines of the /var/adm/messages file.

What command should you use to print to the screen ONLY the last 100 lines of the file?

- A. tail +100 /var/adm/messages
- B. tail -100 /var/adm/messages
- C. last 100 /messages
- D. head -100 /var/adm/messages

Answer: B

QUESTION 99

A customer is experiencing intermittent problems on a Sun Fire V440 and has become concerned about possible downtime. They want to know what components can be replaced without powering down the system.

What two components in the Sun Fire V440 are hot pluggable? (Choose two.)

- A. CD-ROM
- B. Disk drive
- C. SCC reader
- D. Power supply
- E. ALOM card
- F. PCI card

Answer: B,D

QUESTION 100

After adding a PCI card to a Sun Fire V440, you need to verify that the card is seen at the OBP, but have forgotten the command. You recall that it was something with 'devs' in its name.

How can you search for all known OBP commands and methods containing 'devs'?

- A. find devs
- B. search devs
- C. show devs
- D. sifting devs

Answer: D

QUESTION 101

A Sun Fire V250 is hanging in Solaris. You need to get out of Solaris and go to the OBP prompt to attempt to force a core dump for further analysis.

What command should you run from the ALOM prompt?

- A. break
- B. stop
- C. console
- D. disconnect

Answer: A

QUESTION 102

The blue (bottom) LED on a fully configured Sun Fire V240 power supply is flashing. The machine is currently in use with Solaris at run-level 3.

What does this LED state indicate?

- A. The PSU is performing a shutdown.
- B. The PSU is ready to be removed.
- C. The Power is present and the PSU is active.
- D. The PSU has shut down due to a fault.

Answer: B

QUESTION 103

You plug your laptop into the serial port of a Sun Fire V240 server, and receive the console login: prompt. You need to drop back to the ALOM prompt sc> to check the console history.

How should you accomplish this?

- A. Send a break signal
- B. Type .~
- C. Type #.
- D. Type ~.

Answer: C

QUESTION 104

You have just installed Solaris 9 on a new system and need to FTP the Explorer output to your laptop. However, upon entering root user and the password, you receive the following error:

ftp> user root

331 Password required for root.

Password:

530 Login incorrect.

Login failed.

ftp>

You are sure that the root password is correct. What is the likely cause of this error?

- A. root is found in /etc/ftpd/ftpaccess
- B. ftp entry is not found in /etc/inet/inetd.conf
- C. root is found in /etc/ftpd/ftpusers
- D. ftp entry is not found in /etc/inet/services

Answer: C

QUESTION 105

A customer has a Sun Fire V440 located in a disaster recovery facility away from the data center. The customer wants to make sure that the keyswitch is set to the Normal position.

How can the customer verify the keyswitch position using an ALOM command?

- A. showenvironment
- B. show-keyswitch
- C. printenv
- D. prtsys

Answer: A

QUESTION 106

You need to copy a file from a Solaris 9 server to your own system. You can login on the remote system as root, but when you issue the ftp command and attempt to login as root you receive the following message:

```
myhost% ftp 10.0.0.1
Connected to 10.0.0.1.
220 ftphost FTP server ready.
Name (ftphost:root): root
331 Password required for root.
Password:
530 Login incorrect.
Login failed.
ftp>
```

Which two could cause the problem? (Choose two.)

- A. You have typed the root password incorrectly.
- B. root may be denied access in the /etc/default/login file.
- C. You have the Caps Lock key on.
- D. root may be denied access in the /etc/ftpd/ftpusers file.

Answer: A,D

QUESTION 107

A customer purchased a second disk drive for a Sun Blade 150. You have completed installation of the new drive and need to verify that it is properly installed.

What command should you use to check the second hard drive from the OBP?

- A. probe-disks
- B. probe-ide
- C. probe-all
- D. probe-scsi-all

Answer: B

QUESTION 108

You have been assigned to a case where a Sun Fire V210 has inadvertently shut down. You need to view the system logs for any indication of why the system shut down.

Which ALOM command will accomplish this?

- A. showenvironment
- B. showlogs
- C. showenv -v logs
- D. printenv -v logs

Answer: B

QUESTION 109

The monitor on a Sun Blade 150 is at the ok> prompt and the banner command shows the Ethernet address of ff:ff:ff:ff:ff:ff HostId ffffff.

What is the most probable cause of this problem?

- A. The system has lost its settings and needs to be rebooted.
- B. The system has lost its host id and needs to have it reloaded.
- C. The OBP chip battery is faulty and needs to be replaced.
- D. The NVRAM chip battery is faulty and needs to be replaced.

Answer: D

QUESTION 110

While servicing a Sun Fire V440, you notice that the power supply LED with the following icon is on:



What does this LED indicate?

- A. This component is faulty.
- B. The power cable has been removed from this component.
- C. This component is correctly providing DC output.
- D. This component can safely be removed from the system.

Answer: D

QUESTION 111

You are installing an additional 2 CPUs into a Sun Fire V440 and need to determine the temperature of the system before you install the additional CPU's.

What ALOM command should you use to accomplish this?

- A. showenvironment
- B. showlogs

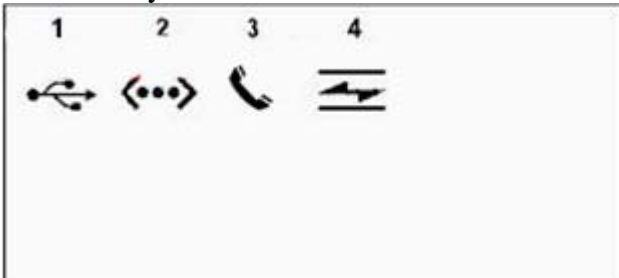
- C. showfru
- D. showlocator

Answer: A

QUESTION 112

You are diagnosing an intermittent network connection on a Sun Fire V480 and need to unplug the system Ethernet cable for testing.

Given the symbol:



Which symbol indicates the Ethernet port?

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

Answer: B

QUESTION 113

You are requested to transfer corefiles from host yserver located at /var/crash/myserver, to a tape on remote host araway.

Which two commands can you use to transfer the files? (Choose two.)

- A. tar cvf - * | rsh faraway dd of=/dev/rmt/0
- B. ufsdump 0f /dev/rmt/0 /var/crash/myserver
- C. ufsdump 0f faraway:/dev/rmt/0 /var/crash/myserver
- D. tar cvf /dev/rmt0
- E. tar tvf /dev/rmt/0

Answer: A,C

QUESTION 114

You are asked to service a Sun Fire V440 which has been installed into a fully populated rack without rails. Because of this, you cannot remove the system's top cover.

Which three components require the system top cover to be removed for service? (Choose three.)

- A. Disk drives

- B. Power supplies
- C. DVD-ROM drive
- D. CPU/memory modules
- E. PCI fan tray

Answer: C,D,E