# Oracle

## Exam Questions 1Z0-597

### SPARC T4-Based Server Installation Essentials

**NEW QUESTION 1**
You are trying to reach the OpenBoot prompt (ok) from Oracle Solaris on a SPARC T4-1 system running Oracle VM Server for SPARC. The OpenBoot firmware is not available. Why is the OpenBoot prompt not available?

A. It has been removed from memory.
B. It was not installed on the system.
C. The service processor property "auto-boot" is disabled.
D. An incorrect version of OpenBoot firmware is installed.

**Answer:** D


**NEW QUESTION 2**
In the following example, Power OnSelfTest(POST) reports an uncorrectablememory error affectingthe following locations:
/SYS/PM0/CMP0/B0B0/CH1/D0
/SYS/PM0/CMP0/B0B1/CH1/D0
The error wasdetected by POST running on which node, core, and standard?



A. Node 0, core 7, strand 2
B. Node 2, core 7, strand 0
C. Node 7, core 2, strand 0
D. Node 0, core 2, strand 7

**Answer:** A


**NEW QUESTION 3**
What is main objective of having Enterprise Installation Standards (EIS)?

A. To create a framework for tracking improperly installed systems
B. To produce consistent, high quality installations
C. To produce systems optimized for Oracle software deployments
D. To create a framework for tracking properly installed systems

**Answer:** B


**NEW QUESTION 4**
How is I/O access configured for logical domains with no physical I/O access?

A. Configured with virtual I/O devices that communicate with the I/O domain, which is not configured as a service domain
B. Configured with virtual I/O devices that communicate with a service domain
C. Configured with virtual I/O devices that communicate with the root domain
D. Configured with virtual I/O devices that communicate with the control domain

**Answer:** B

**Explanation:**

Reference: http://docs.oracle.com/cd/E23120_01/html/821-2854/ldomsmanager.html(see virtual input/output, second para, first sentence)


**NEW QUESTION 5**
In planning for the installation of a SPARC T4 server, you notice that a more recent version of a patch is available than what is currently on the EIS-DVD. According to the Enterprise Installation Standards (EIS) methodology, what should you do?

A. Always install the most recent version of a patch
B. Delay Installation until the updated patch is published to the EIS-DVD
C. Do not Install the patch, unless instructed to do so by an EIS-Alert
D. Never Install patches outside of the EIS-DVD

**Answer:** A

**NEW QUESTION 6**
In the OpenBoot PROM environment, you used the "show-children" command to list the physical drives on a specific RAID controller. The output is below. Which command creates a RAID0 volume with targets 9 and a?

```
Target 9
    Unit 0    Disk    SEAGATE   ST930003SSUN300G 0N70     585937500 Blocks, 300 GB
    SASDeviceName 5000c5001771776f   SASAddress 5000c5001771776d   PhyNum 0
Target a
    Unit 0    Disk    SEAGATE   ST930003SSUN300G 0N70     585937500 Blocks, 300 GB
    SASDeviceName 5000c5001d0c38c7   SASAddress 5000c5001d0c38c5   PhyNum 1
Target b
    Unit 0    Disk    SEAGATE   ST930003SSUN300G 0N70     585937500 Blocks, 300 GB
    SASDeviceName 5000c5001d097407   SASAddress 5000c5001d097405   PhyNum 2
Target c
    Unit 0    Disk    SEAGATE   ST930003SSUN300G 0N70     585937500 Blocks, 300 GB
    SASDeviceName 5000c5001d09a51f   SASAddress 5000c5001d09a51d   PhyNum 3
```

A. 9 a create-raid0-volume
B. Create raid-volume = 0 9 a
C. 9 a create-raid-volume = 0
D. Create raid0-volume = 9 a

**Answer:** A

**Explanation:**

Reference:http://docs.oracle.com/cd/E19836-01/E20746/z40001f31395336.html(see step 3)


**NEW QUESTION 7**
Identify two specification of the Enterprise Installation Standard (EIS) for Basic Solaris.

A. It defines the process for downloading Solaris and related patches from the Oracle support web site
B. It requires the Installer to use the appropriate his Installation checklists when Installing Solaris
C. It mandates that Installers use the EIS-DVD during the Installation process
D. It provide the guidelines and patch levels for Installing Solaris 8, 9, 10, or 11

**Answer:** B


**NEW QUESTION 8**
As part of our test procedure plan, you need to confirm that savecore is configured correctly. Which test should you use?

A. Explore Data Collector Test
B. Solaris VTS Test
C. Solaris Crash Dump Test
D. Savecore Test

**Answer:** C


**NEW QUESTION 9**
You have printed the partition(slice) information for a disk. What type of label does it have?

```
Specify disk (enter its number): 1
selecting c2t1d0
[disk formatted]
format> p
PARTITION MENU:
        0      - change '0' partition
        1      - change '1' partition
        2      - change '2' partition
        3      - change '3' partition
        4      - change '4' partition
        5      - change '5' partition
        6      - change '6' partition
        expand - expand label to use whole disk
        select - select a predefined table
        modify - modify a predefined partition table
        name   - name the current table
        print  - display the current table
        label  - write partition map and label to the disk
        !<cmd> - execute <cmd>, then return
        quit
partition> p
Current partition table (original):
Total disk sectors available: 71116508 + 16384 (reserved sectors)

Part      Tag     Flag     First Sector        Size           Last Sector
  0       usr      wm           256         33.91GB            71116541
  1 unassigned     wm             0             0                   0
  2 unassigned     wm             0             0                   0
  3 unassigned     wm             0             0                   0
  4 unassigned     wm             0             0                   0
  5 unassigned     wm             0             0                   0
  6 unassigned     wm             0             0                   0
  8   reserved     wm       71116542         8.00MB            71132925

partition>
```

A. SMI
B. EFI
C. e2label
D. xfs_admin

**Answer:** C

**NEW QUESTION 10**
In order to consolidate the applications on a SPARC T4 server, you require virtual machines that run an independent operating system instance. Which virtualization technology did you select?

A. Oracle Solaris containers
B. Dynamic Domains
C. Oracle VM Server for SPARC
D. Oracle VirtualBox

**Answer:** C

**Explanation:**

Reference:http://www.oracle.com/technetwork/server-storage/sun-sparc-enterprise/documentation/o11-090-sparc-t4-arch-496245.pdf(page 25, first para)

**NEW QUESTION 10**
You have the Oracle ILOM keyswitch_state=standby. What is the Impact ?

A. The system will power on and run power-on self-test (POST), but Oracle Solaris will not boot.
B. The system will power on and run power-on self-test (POST), but no flash updates can be made.
C. The system cannot power on.
D. The system powers on, but does not run power-on self-test (POST) or boot Oracle Solaris.

**Answer:** D

**NEW QUESTION 11**
What is out-of-order execution?

A. A feature of certain processors, where instructions are processed based on the availability of data.
B. A feature multicore processors, where a core can be given processing priority over the other cores.
C. A memory architecture feature, where specific data can be delivered to processors at the fastest possible rate.
D. A feature of certain operating systems, where programs are executed based on the availability of data.

**Answer:** C

**NEW QUESTION 16**
You are installing a SPARC T4 server at a customer site using a single-phase power feed. The power outlet is 15 meters (16.4 feet) from device. Which Enterprise Installation Standard (EIS) document would you have highlighted this issue prior to installation?

A. Site audit report
B. Test procedure plan
C. Power routing map
D. Server operational checklist

**Answer:** D

**NEW QUESTION 21**
You plan on creating a RAID volume to mirror the system disks. After you have selected a controller, what fcode command should be run to list the physical drivers on the controller?

A. Show-devs
B. Show-volume
C. Show-children
D. Show-drives

**Answer:** C

**Explanation:**

Reference:http://docs.oracle.com/cd/E22985_01/pdf/E22989.pdf(page 23)

**NEW QUESTION 23**
During an installation, you have selected two disks to be used for your ZFS root pool. What is the impact?

A. Only single disk configurations are supported for the root pool, so Solaris will use the current boot disk for the root pool.
B. Only single disk configurations are supported during the initial creation of a root poo
C. Mirrored pools can only be created after the initial installation.
D. A single ZFS volume will be used for the swap area and dump device.
E. A mirrored two disk configuration is set up for the root pool.

**Answer:** D

**Explanation:**

Reference:http://docs.oracle.com/cd/E19082-01/817-2271/ggset/index.html(bulleted point
#3, second para)


**NEW QUESTION 25**
As part of a server consolidation project, a customer would like to run Solaris 9-based applications on a SPARC T4 server. What technology is required?

A. Oracle VM Server for SPARC
B. Oracle Solaris Containers
C. Dynamic Domains
D. Oracle VirtualBox

**Answer:** A


**NEW QUESTION 30**
When preparing to update the firmware, which two statements are true?

A. If performed via the ILOM interface, the firmware file should reside on the system from which the browser is launched.
B. If performed via the ILOM web interface, a TFTP server is required.
C. If performed via the ILOM CLI, a TFTP server is required.
D. Firmware updates can only be performed via the ILOM CLI.

**Answer:** B


**NEW QUESTION 34**
Based on the Enterprise Installation Standards (EIS), why should Oracle Explorer Data Collector be run with the "-i" switch after initial system power-on and setup are complete?

A. To remove confidential customer IP addresses from the Explorer output
B. To provide a baseline of the initial system configuration
C. To collect local Intelligent Platform management Interface (IPMI) data
D. To collect remote Oracle ILOM snapshot data

**Answer:** C


**NEW QUESTION 37**
Which three are included for each test in the Enterprise Installation Standards (EIS) Test procedure Plan?

A. The test objective
B. The test method
C. The expected outcome of the test
D. Troubleshooting for each failed test

**Answer:** ABC


**NEW QUESTION 40**
Which two statements are true regarding the Stream processing Unit (SPU) on the SPARC T4 processor?

A. The SPU is implemented within each processor core.
B. The SPU is shared across all cores on the processor.
C. The SPU operates at the same clock speed as the core.
D. The SPU archives wire-speed performance for encryption only.

**Answer:** C

**Explanation:**

Reference:http://www.oracle.com/technetwork/server-storage/sun-netra- carrier/documentation/o11-155-netra-t4-architecture-1451053.pdf(page 8, see stream-processing unit)


**NEW QUESTION 43**
A power supply fails on a SPARC T4-4 server and a replacement is not available. What should you do?

A. Remove the failed power supply immediately
B. Leave the failed power supply installed
C. Power down the server
D. Unconfigure the failed power supply

**Answer:** B

**Explanation:**

Reference:http://docs.oracle.com/cd/E23411_01/html/E23412/z40002a31392437.html(See the note)


**NEW QUESTION 46**
On SPARC T4-2 server, if the memory riser has four dual-rank DIMMs, its bandwidth is approximately 94% of the possible maximum. If the memory riser has only

two dual-rank DIMMs, what is the approximate bandwidth as a percent of the total bandwidth?

A. 29%
B. 35%
C. 41%
D. 47%

**Answer:** D

## NEW QUESTION 48

Below is a list of boot environments available on a SPARCT4 server running Oracle Solaris 11. Which boot environment is currentlybooted?



A. S11amp
B. Solaris
C. Solaris – 151a
D. Solaris – 174

**Answer:** D

## NEW QUESTION 53

Using the logical domainconfiguration below,what is the domain and virtual CPU corresponding to physical CPU number 5?



A. domain primary, virtual CPU number 0
B. domain primary, virtual CPU number 1
C. domain ldg2, virtual CPU number 0
D. domain ldg1, virtual CPU number 1

**Answer:** D

## NEW QUESTION 54

The DIMM slots on a SPARC T4-1 server are currently 1/4 full (i.e., 4 out of 16 DIMM slots are populated).You plan to add four additional DIMMs. How are they installed?

A. Two DIMMs are inserted into the open slots on branch 1 (BOB1) and 3 (BOB3).
B. One DIMM is added per branch, into any open slot.
C. One DIMM is added per branch, into a specific slot.
D. Two DIMMs are inserted into the open slots on branch 0 (BOB0) and (BOB2).

**Answer:** C

## NEW QUESTION 55

In general, when labeling a cable, the host connection should follow the format: <system name> <board no.> <slot no.> and .

A. <port no.>
B. <insertion point>
C. <cable no.>
D. <rack no.>

**Answer:** C

## NEW QUESTION 59

You are troubleshooting an installation and have run Oracle Explorer Data Collector. What should you do with the output?

A. Have it analyzed by the Oracle Risk Analysis Services (ORAS) knowledge engine.

B. Have it analyzed by the Remote Diagnostic Agent (RDA) tool.
C. Review the output and address the identified configuration errors.
D. Calculate the system operational risk (e.g., the chance of the system to go out of service due to a hardware issue.)

**Answer:** C


## NEW QUESTION 64
A faulty DIMM needs to be replaced on a SPARC T4-2 server. What are two ways to determine which DIMM on a memory riser is faulty?

A. Run the Oracle ILOM show faulty command.
B. Run Oracle VTS software.
C. Run the Oracle ILOM –al command.
D. Press the Remind button on the memory riser.

**Answer:** AD


## NEW QUESTION 67
You need to hot-plug a hard drive, which is not a boot device, while the server is online. Whichaction is required before removing the drive?

A. Verify that the green OK-to-OK LED is lit on the hard drive.
B. Take the drive offline before removing.
C. Temporarily shut down the OS.
D. Run the cfgadm –c configure command.

**Answer:** B


## NEW QUESTION 69
According to the Enterprise Installation Standards (EIS), what is the recommended minimum number of virtual CPUs that should be allocated to the control domain?

A. 2 CPUs
B. 4 CPUs
C. 6 CPUs
D. 8 CPUs

**Answer:** D


## NEW QUESTION 71
When setting up Oracle VM Server for SPARC on a SPARC 14 server, you did not remove unneeded PCIe devices from control (primary) domain. What is the impact?

A. PCIe devices from the control domain can no longer be used in I/O domain.
B. Removing PCIe devices from the control domain for use in I/O domains requires a delayed reconfiguration and a reboot of the control domain.
C. You can no longer migrate guest domains to another physical system by means of the domain migration Feature.
D. There is no impact, as PCIe devices can be dynamically reassigned from the control domain to an I/O domain.

**Answer:** A


## NEW QUESTION 72
During an installation of a SPARC T4-2 server running Oracle Solaris to, you noticed several missing packages and drivers. What caused this?

A. You installed an Oracle Solaris metacluster other than SUNWCX all (Entire distribution plus OEM system support).
B. You are using the Enterprise installation Standards DVD rather than the recommended patch cluster from Oracle support.
C. You are using an Enterprise Installation Standards DVD that is two months old.
D. You installed Oracle Solaris 11 rather than Oracle Solaris 10.

**Answer:** A


## NEW QUESTION 73
According to the Enterprise Installation Standards (EIS) on electrical grounding, what is the benefit of additional grounding points?

A. Protect systems by helping to avoid leakage current
B. Allows racks to support either AC or DC
C. Allows a rack to support more than two dedicated circuit feeds for higher redundancy
D. Allows a rack to support more than one UPS system for higher redundancy

**Answer:** A


## NEW QUESTION 78
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