Oracle 1Z0-597 Exam

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Question No : 1
Which command lists dynamically reconfigurable hardware resources and shows their operational status?

A. dmesg

B. ldm ls

C. fmadm -al

D. cfgadm -al

Answer: D

Question No : 2
On a SPARC T4 server running Oracle Solaris 11, you execute the following:
% beaddm create alt_krit
What is the result?

A. Creates a snapshot of the boot environment "alt_krit"

B. Makes "alt_krit" the default boot environment

C. Renames the default boot environment to "alt_krit"

D. Creates a new boot environment named "alt_krit"

Answer: D

Question No : 3
To disable ILOM CLI session time-out, which command should be used?

A. Set /SP/cli timeout = n

B. Set /SP/cli timeout = disable

C. Set /SP/cli timeout = 0

D. Set /SP/cli timeout = 1000

Answer: D

Question No : 4
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: A,D

Question No : 5
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

Question No : 6
In the OpenBoot PROM environment, you used the"show-children" commandto list the physicaldrives on a specific RAID controller.Theoutput is below. Which command creates a RAID0 volume with targets 9 and a?

```
Target 9
  Unit 0     Disk     SEAGATE   ST930003SSUN300G 0B70      585937500 Blocks,  300 GB
  SASDeviceName 5000c5001771776f   SASAddress 5000c5001771776d   PhyNum 0
Target a
  Unit 0     Disk     SEAGATE   ST930003SSUN300G 0B70      585937500 Blocks,  300 GB
  SASDeviceName 5000c5001d0c38c7   SASAddress 5000c5001d0c38c5   PhyNum 1
Target b
  Unit 0     Disk     SEAGATE   ST930003SSUN300G 0B70      585937500 Blocks,  300 GB
  SASDeviceName 5000c5001d097407   SASAddress 5000c5001d097405   PhyNum 2
Target c
  Unit 0     Disk     SEAGATE   ST930003SSUN300G 0B70      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

Question No : 7
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

Question No : 8
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

Question No : 9
During the acclimatization process, what is the maximum positive or negative temperature gradient that is permitted for multi-layer boards?

A. Approximately 2° C (4° F) per hour

B. Approximately 4° C (7° F) per hour

C. Approximately 6° C (11° F) per hour

D. Approximately 8° C (4° F) per hour

Answer: A

Question No : 10
Below is a list of boot environments available on a SPARCT4 server running Oracle Solaris 11. Which boot environment is currentlybooted?


```
BE              Active Mountpoint Space    Policy Created
--              ------ ---------- -----    ------ -------
s11amp          R      -          20.75G   static 2011-09-23 13:58
solaris         -      -          44.81M   static 2010-11-07 17:45
solaris-151a    -      -          158.12M  static 2010-11-12 14:37
solaris-174     N      /          30.04M   static 2011-09-02 12:38
```

A. S11amp

B. Solaris

C. Solaris - 151a

D. Solaris - 174

Answer: D

Question No : 11
What is Critical Thread Optimization?

A. The ability to dynamically allocate core resources among active threads

B. The ability to bind individual threads to a processor

C. Part of the Processor Sets feature of Oracle Solaris that defines a group of logical processors and schedules threads on them.

D. Recognized by Oracle Solaris Scheduler as a thread that should run by itself on a single core

Answer: A

Question No : 12
The customer wants power-on self-test (POST) to be triggered any time power is applied, or there is an error-invoked reset. How is this best accomplished?

A. Set the diagnostic trigger value to "power-on-reset" and level of diagnostic s to "debug"

B. Set the diagnostic trigger value to "error-reset" and level of diagnostics to "debug".

C. Set the diagnostic trigger value to "all resets".

D. Set the diagnostic trigger value to "power-on-reset error-reset".

Answer: D

Question No : 13
The SPARC T4-2 server has _____ than the SPARC T4-1 server.

A. 512 GB more memory

B. 1 TB more memory

C. 64 more compute threads

D. 128 more compute threads

Answer: B

Question No : 14
According to the Enterprise Installation Standards (EIS), what is the recommended minimum amount of memory that should be allocated to the control domain?

A. 2 GB

B. 3 GB

C. 4 GB

D. 6 GB

Answer: A

Question No : 15
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: A,B,C

Question No : 16
How many XAUI (10 GbE Attachment Unit Interfaces) ports are provided per SPARC T4 processor?

A. 1

B. 2

C. 3

D. 4

Answer: B

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Question No : 17

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?

```
2010-07-03 18:44:15.842 0:7:2>           DRAM Error Syndrome Reg for Branch
1 = dd1676ac.8c18c045
2010-07-03 18:44:15.967 0:7:2>           DRAM Error Retry Reg for Branch 1
= 00000000.00000004
2010-07-03 18:44:16.086 0:7:2>           DRAM Error RetrySyndrome 1 Reg for
Branch 1 = a8a5f81e.f6411b5a
2010-07-03 18:44:16.218 0:7:2>           DRAM Error Retry Syndrome 2 Reg
for Branch 1 = a8a5f81e.f6411b5a
2010-07-03 18:44:16.351 0:7:2>           DRAM Failover Location 0 for
Branch 1 = 00000000.00000000
2010-07-03 18:44:16.475 0:7:2>           DRAM Failover Location 1 for
Branch 1 = 00000000.00000000
2010-07-03 18:44:16.604 0:7:2>
2010-07-03 18:44:16.648 0:7:2>ERROR: POST terminated prematurely. Not
all system components tested.
2010-07-03 18:44:16.786 0:7:2>POST: Return to VBSC
2010-07-03 18:44:16.795 0:7:2>ERROR:
2010-07-03 18:44:16.839 0:7:2>     POST toplevel status has the following
failures:
2010-07-03 18:44:16.952 0:7:2>        Node 0 ----------------------------
2010-07-03 18:44:17.051 0:7:2>            /SYS/PM0/CMP0/B0B0/CH1/D0 (J1001)
2010-07-03 18:44:17.145 0:7:2>            /SYS/PM0/CMP0/B0B1/CH1/D0 (J3001)
2010-07-03 18:44:17.241 0:7:2>END_ERROR
```

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

Question No : 18

When replacing the motherboard, how do you preserve the server's original host ID and MAC address?

A. Move the System Configuration PROM from the old motherboard to the new motherboard.

B. Back up the service processor configuration details from the old system, and restore on the new system.

C. Move the service processor card from the old system to the new system.

D. For security, it not possible to preserve the server's host ID and MAC address.

Answer: A

Question No : 19
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

Question No : 20
If a fault includes a uuid and sunw-msg-id property, then the fault was detected by which of the following?

A. SunVTS

B. POST

C. Solaris Predictive Self-Healing

D. Oracle ILOM

Answer: C

Question No : 21
According to the Enterprise Installation Standards (EIS) for SPARC T4 servers running Oracle Solaris 10, what steps are required in order to configure the server to use Auto Service Request (ASR)?

A. 1. Enable ILOM telemetry
2. Activate the ASR Asset

B. 1. Enable SunMC telemetry
2. Enable FMA telemetry

3. Activate the ASR Asset

C. 1. Enable SunMC telemetry
2. Activate the ASR Asset

D. 1. Enable ILOM telemetry
2. Enable FMA telemetry
3. Activate the ASR Asset

Answer: D

Question No : 22
Using the logical domainconfiguration below,what is the domain and virtual CPU corresponding to physical CPU number 5?

```
primary# ldm list -l -p
VERSION 1.0
DOMAIN|name=primary|state=active|flags=normal,control,vio-service|cons=SP|ncpu=4|mem=1073741824|util=0.6|
uptime=64801|softstate=Solaris running
VCPU
|vid=0|pid=0|util=0.9|strand=100
|vid=1|pid=1|util=0.5|strand=100
|vid=2|pid=2|util=0.6|strand=100
|vid=3|pid=3|util=0.6|strand=100
MEMORY
|ra=0x8000000|pa=0x8000000|size=1073741824
IO
|dev=pci@780|alias=bus_a
|dev=pci@7c0|alias=bus_b
...
DOMAIN|name=ldg1|state=active|flags=normal|cons=5000|ncpu=2|mem=805306368|util=29|uptime=903|
softstate=Solaris running
VCPU
|vid=0|pid=4|util=29|strand=100
|vid=1|pid=5|util=29|strand=100
MEMORY
|ra=0x8000000|pa=0x48000000|size=805306368
...
DOMAIN|name=ldg2|state=active|flags=normal|cons=5001|ncpu=3|mem=1073741824|util=35|uptime=775|
softstate=Solaris running
VCPU
|vid=0|pid=6|util=35|strand=100
|vid=1|pid=7|util=34|strand=100
|vid=2|pid=8|util=35|strand=100
MEMORY
|ra=0x8000000|pa=0x78000000|size=1073741824
...
```

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

Question No : 23
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

Question No : 24
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

Question No : 25
Why are Electrostatic Discharge (ESD) "softfailures" the most serious type of failures?

A. The damage is not immediately noticed or detected.

B. The damage is immediate and easily detected.

C. The damage corrupts firmware.

D. The damage results in the failure of the entire system.