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# ISS-003<sup>Q&As</sup>

Intel Server Specialist Certification Exam

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**QUESTION 1**

Your customer calls you to say that since the BMC Watchdog timer was enabled, the system reboots continuously. What would your advice be from the list below? (Select ALL that apply).

A. Disable automatic reboot in Windows

B. Do a CMOS clear

C. Install the IPMI driver and create a script for the Watchdog refresh

D. Install the IPMI driver

E. Install Intel Active System console

Correct Answer: CE

**QUESTION 2**

A customer wants to buy an Intel server system in a 1U rack chassis for a web server with Intel Intelligent Node Manager support. Which of the following systems support this feature?

A. The Intel Server System P4308RPLSHDR

B. The Intel Server System R1304RPSSFBN

C. The Intel Server System R1304BTSSFAN

D. The Intel Server System P4304BTSSFCN

Correct Answer: B

**QUESTION 3**

Which of the following is the function of the command \\'FS0:SUP> frusdr.efi /d sdr\\'?

A. Display SDR records

B. Update FRUSDR for server system

C. Delete SDR records from server system

D. Downgrade SDR version

Correct Answer: A

**QUESTION 4**

Your customer has a RMS25CB080 RAID card. The Array is a RAID 6 with 6 Seagate Barracuda hard drives. During

normal operation one drive failed and no action was taken. Alerts were generated but ignored. At a later date a second drive failed. Which of the following is the BEST advice you can give your customer? (Select ALL that apply).

A. Do nothing. The array is in degraded mode but still available.

B. Ensure a regular backup policy is implemented.

C. The customer needs to change the RAID card.

D. Customer should replace the drives and rebuild the array to restore redundancy.

E. All data is lost and nothing can be recovered.

Correct Answer: BD

**QUESTION 5**

A customer configuration based on the Intel Server System R2224WTTYS has an HBA and Fibre Channel adapters installed and ESRT2 enabled. The problem being reported is that the system hangs on boot. Which of the following could be used to resolve the problem? (Select ALL that apply).

A. The system must have more than 32GB RAM

B. The HBA may only be used in the second riser slot

C. Unused OpROMs should be disabled in the BIOS configuration

D. MMIO should be set to 512GB

E. ESRT2 must be the first boot device

F. Enable EFI optimized boot in the BIOS

Correct Answer: CF

**QUESTION 6**

You are educating your customer on the advantages of Solid State Drives for server configurations and installations. You are asked what HET means in the context of solid state drives. How would you answer from this list below?

A. HyperExtendedTransport

B. High Endurance Technology

C. Hyper Encryption Technology

D. High Extended Transaction

E. Hot Eject Technology

Correct Answer: B

**QUESTION 7**

Your customer wishes to set up a pilot system with a 1U, small form factor, managed server, destined for a small datacenter, with a maximum CPU draw of 95w TDP; before placing his main order for 50 systems. Two of the major requirements are 1) for the system to send out an alert email as well as an audible alert if a single drive fails in the software based RAID 1 array and 2) to enable remote monitoring of the system. Which of the following configuration choices would you recommend? (Select ALL that apply).

A. Intel ESRT2 RAID 1 configured with email alerting

B. Remote Intel Management Module RIMM 4

C. AXXRMM4LITE

D. Intel Xeon?E3-based server system

E. Remote Web Console 2

F. Matrix RAID 1

G. Intel RAIDMatrix 2.5

H. Intel RAIDsoft 3

I. Configure BMC for email alerting

Correct Answer: ACDEI

**QUESTION 8**

Your customer is planning a new compact HPC data centre. Some of the critical features that need to be considered in such a data centre include rack space along with heat and energy dissipation. One of the design considerations relates to large capacity and cost efficient storage. Please advise your customer on their requirements from the list below.

A. Intel® Intelli-Path™ Fabric

B. Intel® Server H2000G Chassis with 24 2.5 SATA drives configured with NVM technology

C. Intel® Server H2000G Chassis with 24 2.5 SAS drives configured with NVM technology D. Intel® True-Path Technology

E. Intel® Server system modularized with the S8600ANX and configured for 4 nodes

Correct Answer:

**QUESTION 9**

Your customer is in the market to upgrade their infrastructure. A key requirement is for the customer to be able to migrate to a hybrid cloud format. Therefore 10Gb Ethernet is seen to be a base essential and must be down on the board. Please advise your customer as to which products would answer their needs from the list below. (Select ALL that apply).

A. Intel Server Board S2600CW2S

B. Intel Server Board S2600CWTS

C. Intel Server Board S2600CWT

D. Intel Server System R1208WTTGS

E. Intel Server System R1208WT2GS

F. Intel Server System R2208WT2YS

G. Intel Server Board S2600KPF

H. Intel Server System R2224WTTYS

Correct Answer: BCDH

**QUESTION 10**

As an Intel® Server Specialist, while working through a customer configuration you are asked to explain which of the following chassis can NOT be rack-mounted. How would you answer?

A. P4000M

B. P4000S

C. P4000L

D. R2000

E. H2000

Correct Answer: B

**QUESTION 11**

Your customer is asking about reliability in server operation and in particular asks you how performance might be affected if the memory in BIOS setup is set to Mirroring mode on a server system using an Intel S2600CW board. How would you answer this question? (Select ALL that apply).

A. The number of channels is halved

B. Memory speed is doubled

C. Usable memory is halved

D. Memory speed is halved

E. Performance will not be affected

Correct Answer: AC

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**QUESTION 12**

What is required to enable Intel RAID SSD Cache? Please choose from the list below. (Select ALL that apply).

A. Intel RAID controller

B. SAS HDD

C. Intel Premium feature key

D. Intel SSD

E. Intel RAID web console

Correct Answer: AC

**QUESTION 13**

The BMC System Event Log usually contains two types of information, Assertion and De-assertion. Assertion means an event is triggered and de-assertion means the status has recovered and the event has been withdrawn.

A. True

B. False

Correct Answer: A

**QUESTION 14**

Your customer has a dual socket server board; and they have complained to you that their customer is constantly getting PCIe errors. At your request they send you the System Event log. On investigation of the SEL by you, you discover some events that look like the following: TimeStamp:03/05/201412:18:41SensorName:PCIeCorSensor.Bus:0, device:3, function:2

Which one of the following represents the correct order in which troubleshooting should occur?

a.

 If error happens very rarely, disable AER reportng in BIOS

b.

 Check SEL troubleshootng guide in order to understand PCIe bus, device, functon of the card that generates the error. Then check TPS to identfy the slot to fnd the suspect component.

c.

 List through the error codes from the User guide to fnd the translaton table for the SEL in order to identfy the failing device and link speed.

d.

 Force slomer PCIe link speeds in the BIOS setup utlity.

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e.

If the error happens regularly, try to cross-test PCIe devices to see if the error folloms the card or stays mith the slot.

f.

Rerun the FRU/SDR to force the system to detect the correct PCIe generaton for this device.

A.

a,b,e

B.

a,d,c

C.

a,f,e

D.

b,c,f

Correct Answer: A

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**QUESTION 15**

An Intel® Server Specialist is helping a customer configure their RAID using the Intel® RAID Web Console. The Specialist advises the customer to use Auto-Configuration Mode as it automatically creates the best possible RAID-configuration for the available hardware. Which of the following configurations are NOT supported using this mode? (Select ALL that apply).

A. Auto Configuration cannot be used when using more than one backplane.

B. Auto Configuration cannot be used with SSD drives.

C. Auto Configuration cannot be used for RAID 10, 50, or 60.

D. Auto Configuration cannot be used for creating RAID on 2 HDDs.

E. Auto Configuration cannot be used with mixed SATA and SAS drives.

Correct Answer: CE