



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

Intel Server Specialist Certification Exam

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### QUESTION 1

Your customer has asked you the Intel Server Specialist for confirmation on the process following changes to their server (additional memory, a different raid card and a 40Gb Ethernet card)? What must they do to ensure accurate monitoring of all the sensors in their S2600WT based server?

- A. The FRU/SDR must be updated with the latest master.cfg to enable the new hardware to be detected.
- B. They don't need to do anything - the current firmware will auto-configure.
- C. The ME must be updated prior to use of the master.cfg and then the FRUSDR update may be carried out.
- D. Only the FRU needs to be updated as the SDR now auto-configures
- E. Only the SDR needs to be updated as the FRU auto-configures.

Correct Answer: B

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### QUESTION 2

You are giving your customer a brief overview of some of the Intel technologies that are enabling intelligent and secure cloud deployments. Which of the following combinations relate specifically to providing secure cloud implementations? (Select ALL that apply).

- A. Intel® QuickAssist Technology and offloading cryptography and data compression to hardware accelerators
- B. Intel® Xeon® Phi™ coprocessors and massively parallel technical computing
- C. Intel® AES-NI and high speed encryption/decryption
- D. Intel® AVX and Intel AVX 2.0 and high speed encryption/decryption
- E. Intel® Xeon® Phi™ coprocessors and offloading cryptography and data compression to hardware accelerators
- F. Intel® QuickAssist Technology and massively parallel technical computing

Correct Answer: AC

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### QUESTION 3

A PCIe Gen3 x8 12Gb SAS RAID controller with 8 ports, can theoretically deliver throughput.

- A. 9,600 MB/s
- B. 8,000 MB/s
- C. 4,400 MB/s
- D. 12,000 MB/s

Correct Answer: B

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#### QUESTION 4

An Intel Server Specialist is building a server for a customer who has specified that only Intel validated memory should be used. Where would the Specialist find a list of tested memory for currently shipping Intel Server Products? (Select ALL that apply).

- A. Product Brief
- B. Intel Memory Configuration Tool
- C. Server Configurator Tool
- D. Tested Hardware and Operating System List (THOL)
- E. Price List Product Description

Correct Answer: CD

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#### QUESTION 5

Which of the following are features of the Multi-Server Cloning option in the Intel Deployment Assistant? (Select ALL that apply).

- A. The servers must be connected via Ethernet cable to the management NIC.
- B. The BIOS and BMC settings cannot be cloned.
- C. The bootable image can be distributed via bootable USB key or across the network via a PXE server.
- D. Cloning is supported between any Intel dual socket server.
- E. Some parameters that should be unique with different servers can be modified.

Correct Answer: CE

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#### QUESTION 6

Intel Active System Console provides a lightweight management console for use with Intel® Server Boards, Systems, and Chassis. Which of the following statements are correct? (Select ALL that apply).

- A. Can monitor up to 50 servers based on Intel® Server Boards, Systems, or Chassis.
- B. Allows setting of power capping policies, using Intel® Node Manager.
- C. Enables automated software patch deployment.
- D. Enables hardware and software inventory management.
- E. Enables email alerting for critical server issues.

Correct Answer: BE

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### QUESTION 7

Which of the following steps can be used to restore the default setting of the Intel server BIOS? (Select ALL that apply).

- A. Jumper select system into BIOS configuration mode
- B. Standard System BIOS Update
- C. Enter BIOS setup, Load Default values in Exit Page, select Save Changes
- D. Clear the CMOS
- E. Run the command Syscfg /rfs
- F. Enter BIOS Setup, Press F9, and then F10

Correct Answer: CDF

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### QUESTION 8

Your customer is competing in a Government Tender which specifies Infiniband?modules. Which of the following list of boards can support Infiniband?I/O Modules such as the AXX1FDRIBIOM? (Select ALL that apply).

- A. Intel Server Board S2600CW
- B. Intel Server Board S1200V3RP
- C. Intel Server Board S2600KP
- D. Intel Server Board S1200V5SP
- E. Intel Server Board S2600WT

Correct Answer: CE

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### QUESTION 9

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

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#### QUESTION 10

Your customer calls you, an Intel Server Specialist, for advice. The customer wants to know which of the following is the next step that must be done after creation of a RAID array, before the Operating System is installed?

- A. Initialize the array
- B. Ensure a consistency check is completed
- C. Ensure that a patrol read has been implemented
- D. Re-Initialize the array
- E. Ensure all data has been successfully backed-up

Correct Answer: A

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#### QUESTION 11

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

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#### QUESTION 12

How many 6Gb SATA ports does the Intel® Server board S2600CW have? Please choose your answer from the list below.



- A. 0 ports
- B. 2 port
- C. 10 ports
- D. 4 ports
- E. 6 ports

Correct Answer: C

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### QUESTION 13

A server with an Intel® RAID Controller RS3DC080 has a RAID 5 array with 3 disks. The controller has a RAID Maintenance Free Backup Unit (RMFBU) installed. A customer reports that the array keeps resetting itself from write-back mode to write-through mode. Which of the following troubleshooting steps should be taken to further investigate this issue? (Select ALL that apply).

- A. Check whether the memory DIMM on the RAID controller is seated properly.
- B. Check if the RAID controller BIOS has the correct RMFBU information.
- C. Check if the RMFBU is seated properly.
- D. Check if the SES cable is connected properly.
- E. Check that the SSD cache premium feature key is installed.
- F. Check the RAID log for any RMFBU errors.

Correct Answer: BCF

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### QUESTION 14

Your customer is discussing the use of ECC in memory modules and wants to know what ECC means. How would you answer this question?

- A. Expeditious Crash Caution
- B. Enhanced Channel Control
- C. Error Correcting Code
- D. Extended Cache Check
- E. Enlarged Capacity Contain

Correct Answer: C

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### QUESTION 15



Your customer has telephoned you urgently as the Intel Server Specialist, since their customer is still on the phone complaining that their new server installation is "not working properly!" Apparently all the system fans are running at full speed. What are the FIRST 3 steps an Intel Server Specialist should take in a case like this? Please choose your answers from the below list. (Select ALL that apply).

- A. Check for chassis intrusion
- B. Check CPU temperature
- C. Update the BIOS and the BMC
- D. Install and Intel RMM4 module
- E. Turn up the air conditioning
- F. Change the server to acoustic mode in bios setup
- G. Check the FAN connections to the correct headers
- H. Update the FRUSDR

Correct Answer: AGH

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