

ISS-003^{Q&As}

Intel Server Specialist Certification Exam

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QUESTION 1

After running the system firmware update package on the Intel Server System R1304WTTGS a message "BMC is in FW transfer mode" appears. Which of the following options describes the reason for this message?

- A. The BMC has not updated because the BMC force update jumper is selected.
- B. Update cannot be finished because of a bad firmware file.
- C. The BIOS needs to be updated to the latest version to match the firmware.
- D. Update is completed, but the BMC force update jumper is enabled.

Correct Answer: D

QUESTION 2

Your customer is buying a new server and due to space constraints it needs to enable maximum storage as well. The minimum acceptable number of drives is at least 20 HDDs so that secure arrays may be created. Please choose your answer from the list below:

- A. Intel Compute Module HNS2600TPand; Intel Server Chassis H2216XXKR2
- B. Intel Server System R1304WTXXX
- C. Intel Server System R2224WTTYS
- D. Intel Server System R1208WTXXX

Correct Answer: C

QUESTION 3

Your customer is asking you as an Intel Server Specialist for some clarification on RAID arrays on the Grantley generation of server products. In particular they need to know which RAID levels can be achieved on S2600CW2S. How would you advise your customer from the list below?

- A. 0, 1, 1E
- B. 0, 1, 1E, 10, 5 through the upgrade key AXXRPFKHY5
- C. C.0, 1, 10, 5, 6
- D. 0, 1, 1E, 10, 5, 50 through the upgrade key AXXRPFKHY5 E. 0, 1, 10,

Correct Answer: D

QUESTION 4

Your customer wishes to consolidate a number of their current servers in their business, so virtualization will be required. In addition they have asked for information on the cloud; so you will need to specify a system (as their Intel Server Specialist) which will accommodate this eventuality; and give advice on the type of cloud they should go for, as well as configure a server that can handle this level of abstraction. They currently have 7 servers to be consolidated along with their switched infrastructure. Your first task will be to suggest the best server platform. Which of the following will you suggest, given the requirement for the highest number of add-in cards in the server?

- A. Intel Server Board HNS2600KP
- B. Intel Server System R2224WTTYS
- C. Intel Server Board S2600CWT
- D. Intel Server Board S1200V3RP
- E. Intel Server System R1208GZ4GSN

Correct Answer: B

QUESTION 5

Below is a step in the server management configuration process. Which of the following is true about this command?



```
fs0:\syscfg> syscfg /rfs
```

- A. This SYSCFG command, Reset Factory Settings, can be used to erase all BMC management settings. This command can be used to reset the management settings to support reconfiguration of management, without carrying over previous management settings.
- B. This SYSCFG command, Restore File System, is used to restore a backup of the server management settings. This is an efficient method of restoring the BMC settings if they have been lost or deleted.
- C. This DOS command allows a super user to replace the file system within the BMC, reformatting the data area down to a low-level format prior to a system restore.
- D. This SYSCFG command, Refreshes Sensors, resets the sensor values and forces the BMC to rescan all sensors to update the Sensor Data Records (SDR). This is used when a system error has been resolved, but the status remains critical in the SDR.

Correct Answer: A

QUESTION 6

Your customer has been asked to undertake the infrastructure renewal for one of their bigger customers, including all the network connections. They would like to plan for several years and need to know about 10Gb network adapters. In particular what type of connector does the Intel Server X540-T2 10Gb adapter have? Please choose your answer from the list below.

- A. SFP+
- B. QSFP

- C. CX4
- D. RJ-45
- E. CX3

Correct Answer: D

QUESTION 7

Your customer calls to say that an Intel Server system R1208WT2GS is showing several entries in the system event log that PSU redundancy was lost. How would you advise your customer from the following list?

- A. Only one CPU is installed
- B. The PSUs are plugged into different phases
- C. Redundancy should be enabled in BIOS
- D. An unsupported UPS is being used
- E. The PSUs have different wattages

Correct Answer: D

QUESTION 8

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 9

Your customer wishes to install VMWare ESXi 5.5 in an R1208WTT system with current ME, BMC, BIOS and FRU/SDR firmware. The installation is not going well with a reboot happening as soon as the install reaches initializing ACPI. They tell you they have enabled all the relevant settings in BIOS including VT-x extensions. How would you advise your customer? (Select ALL that apply).

- A. Ensure Maximize Memory below 4GB is enabled
- B. Ensure Intel VT for directed I/O is enabled in BIOS setup

- C. Install Remote Intel Management Module RIMM 4
- D. Ensure Intel Virtualization Technology is enabled in BIOS setup
- E. Ensure memory mapped I/O > 4GB is disabled in BIOS setup.
- F. Ensure Intel (SMX) is disabled
- G. Ensure Enhanced Error Containment mode is enabled

Correct Answer: BDE

QUESTION 10

When enabling drive security in a RAID web console, with the Full Disk Encryption Premium Feature Key, which of the following is optional?

- A. Solid state disks
- B. The security key identifier
- C. The security key
- D. The passphrase

Correct Answer: D

QUESTION 11

As an Intel Server Specialist, while working through a customer configuration that has several complexities, your customer asks you to explain the differences between Intel's various rail offerings and what the benefit is of AXXPRAIL over AXXVRAIL. How would you answer from the list below? (Select ALL that apply).

- A. More chassis support
- B. Cable management arm support
- C. Anodising
- D. Fullextension
- E. Greater flexibility
- F. Hardened steel
- G. Easier fixing

Correct Answer: BDG

QUESTION 12

As an Intel Server Specialist, you are educating your customer on the different memory offerings that are available in the current server generation. How many UDIMMs per channel can be installed in the Grantley servers?

- A. 0 UDIMMs per channel
- B. 1 UDIMMs per channel
- C. 2 UDIMMs per channel
- D. 3 UDIMMs per channel
- E. 4 UDIMMs per channel

Correct Answer: A

QUESTION 13

A customer has spent a long time on the phone with their reseller. Their reseller is now talking to you about how to isolate the issue (which is very hot!) in their customer's server. You have been told by your reseller that they did not sell or configure any management prior to delivering to their customer. What will you recommend? Please select the BEST answer.

- A. Advise your reseller to go to the customer's site in order to better troubleshoot the issue
- B. Simply log into EWS in the BMC, choose the Tab Server Health and look at / Save the SEL.
- C. If the server is responsive, boot to Bios Setup and configure the necessary IP and user settings, by going to ServerManagement>BMCLanConfiguration.
- D. Suggest that he arrange an AWR swap out of all the problem components
- E. Install Intel server management utilities and retrieve the system logs for initial diagnosis

Correct Answer: E

QUESTION 14

As an Intel® Server Specialist you have been asked to advise your customer about the benefits of RAID; in particular to explain the differences when comparing hardware RAID over software RAID.

How would you answer from the list below? (Select ALL that apply).

- A. Nonvolatile
- B. It has dedicated resources
- C. Write-back capability, protected by BBU
- D. It has a faster connection speed to storage
- E. Additional RAID levels are available

Correct Answer: BCE

QUESTION 15

Which of the following RAID levels requires at least four hard disks?

- A. RAID 0
- B. RAID 1
- C. RAID 5
- D. RAID 10

Correct Answer: D

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