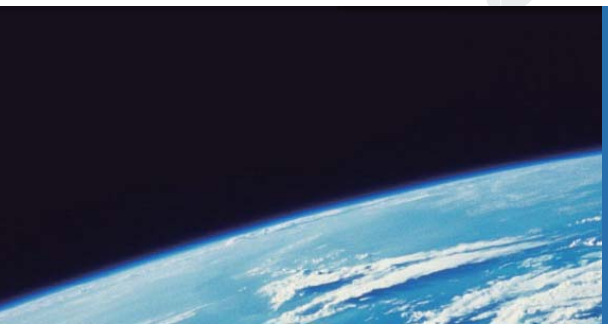

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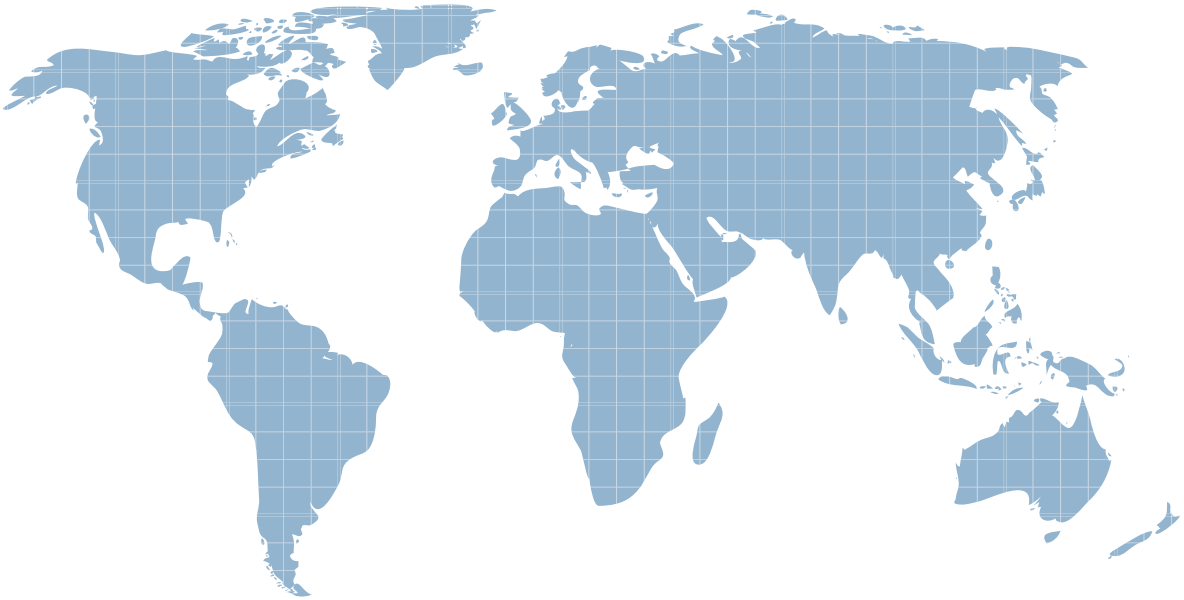

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Exam : **ISS-001**

Title : Intel Server Specialist Certification Exam

Version : Demo

1.Which of the following documents and tools would a technician use to help determine the correct parts necessary to build an Intel server? (Select TWO).
A. Quick Start Guide
B. Configuration Guide
C. Intel Server Configurator Tool (SCT)
D. Product Change Notification (PCN)
E. Technical Product Specification (TPS)
Answer: B,C

2.Below is a step in the server management configuration process. Which of the following is true about this command.?
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, 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.
C. 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.
D. 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.
Answer: A

3.A customer has asked an Intel Server Specialist to provide them with a 1U, 2-socket server. The customer has concerns about power consumption.
Which of the following configurations would offer the MOST energy efficient solution?
A. Intel Server System SR1695WB
B. Intel Server System SR1630HGP
C. Intel Server System SR1600URLX
D. Intel Server System SR2625URBRP
Answer: A

4.A customer is designing a security appliance, and has asked an Intel Server Specialist to supply them with a 1-socket rack mount server with as many Gigabit Ethernet ports as possible.
Which of the following configurations would be the MOST appropriate to recommend?
A. Intel Server System SR1695GPRX, with Intel Quad Port Gigabit I/O module, and an Intel Gigabit ET2 Server Adapter.
B. Intel Server System SR1630GP, with an Intel Quad Port Gigabit I/O module.
C. Intel Modular Server System, with additional Gigabit Ethernet mezzanine cards.
D. Intel Server System SR1625UR, with Intel Quad Port Gigabit I/O module, and an Intel PRO/1000 PT Server Adapter.
Answer: A

5.Why is it important to update the FRU when first building a system?

A. Updating the FRU enables the server administrator to remotely access the server.
B. Updating the FRU allows the server to configure the fan speed correctly.
C. Updating the FRU allows for the relevant part numbers to be programmed into NVRAM.
D. Updating the FRU makes sure the Management Engine is running the most recent firmware.
Answer: C

6.When updating the HSC firmware, where is the flash chip that the new firmware is written to?
A. On the backplane
B. On the power distribution board
C. On the remote management module
D. On the mainboard
Answer: A

7.Which of the following items are stored in the SDR's? (Select TWO).
A. BMC remote access settings
B. Part number information
C. BMC Operational Code
D. Fan speed control settings
E. Voltage sensor thresholds
Answer: D,E

8.When the server operating system is indicating a generic hardware problem, which of the following is the BEST place to check for more information on what the root cause of the issue could be?
A. The EFI shell
B. The system BIOS
C. The operating system event log
D. The SEL
Answer: D

9.A customer calls and says that a server has suffered a stop error, and intermittently fails to boot. Which of the following is the preferred FIRST step to take?
A. Connect to the SEL via the DPC CLI.
B. Ask the customer to return the server.
C. Ask the customer to reseat the memory.
D. Start a remote desktop session to the server.
E. Connect to the remote management module if present.
Answer: E

10.The Intel Server Board S5520UR has two different headers through which front panel signals can be routed. Which of the following documents would a server technician use to identify the pinout of each header?
A. The Technical Product Specification
B. The Service Guide
C. The Quick Start Guide

D. The Spare Parts and Configuration Guide
Answer: A

11.The Intel Server Board S5520UR has two different headers through which front panel signals can be routed. Which of the following documents would a technician use to identify the headers used in a particular chassis?
A. The Quick Start Guide
B. The Service Guide
C. The Technical Product Specification
D. The Spare Parts and Configuration Guide
Answer: B

12.Which of the following chassis are compatible with the Intel Server Board S5520UR? (Select TWO).
A. Intel Server Chassis SR1600
B. Intel Server Chassis SR1625
C. Intel Server Chassis SR1630
D. Intel Server Chassis SR1640
E. Intel Server Chassis SR1695
Answer: A,B

13.Which of the following is MOST likely to cause a stop error on a 5520 Chipset based Server Board?
A. CMOS checksum error
B. PCI bus error
C. Single drive failure in a RAID 1 set
D. Memory ECC single bit error
Answer: B

14.Which of the following RAID levels should an Intel Server Specialist recommend to a customer who must have the highest reliability available, but only has room for four hard drives?
A. RAID 1
B. RAID 5
C. RAID 6
D. RAID 10
Answer: C

15.Which of the following RAID levels should an Intel Server Specialist recommend to a customer who needs the highest write performance, but only has room for four hard drives?
A. RAID 1
B. RAID 5
C. RAID 6
D. RAID 10
Answer: D

16.An Intel Server Board is integrated into an Intel Server Chassis and uses the latest system update

package to bring the BIOS and firmware to the most up-to-date versions. After this process, an Intel Server Specialist finds that the system fans still spin at full speed, even when the system is idle. Which of the following is the MOST likely cause of this?
A. The memory DIMMs in the system do not have a thermal sensor.
B. The processor has reached the thermal throttling point.
C. One of the system fans is connected to the wrong header.
D. The chassis intrusion switch is malfunctioning.
Answer: C

17.Most Intel servers support memory reliability features like ECC memory, memory scrubbing, mirroring, and sparing. Which of the following features gives the HIGHEST level of memory reliability?
A. Spare channel mode
B. Mirrored channel mode
C. ECC memory
D. Patrol read/scrubbing
Answer: B

18.On an Intel Server Board S5520HC, which of the following is the MAXIMUM possible memory speed that can be reached when the system is configured with 12 DIMMs and 2 Intel Xeon Processors X5560?
A. 800 MHz
B. 1066 MHz
C. 1333 MHz
D. 1600 MHz
Answer: B

19.On an Intel Server Board S5520HC, which of the following is the MAXIMUM possible memory speed that can be reached when the system is configured with 12 DIMMs and 2 Intel Xeon Processors X5650?
A. 800 MHz
B. 1066 MHz
C. 1333MHz
D. 1600 MHz
Answer: C

20.Which of the following items are features of IPMI, implemented on Intel Server Boards? (Select THREE).
A. Built-in web server
B. Monitoring of fan speeds
C. Increased processor speed
D. System event log
E. Remote alerting via PET traps
F. Remote keyboard ,video, mouse, and media redirection
Answer: B,D,E