

Exam 000-071 study material

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Free 000-071 Exam Preparation Questions

Exam 000-071: IBM Certified Specialist: IBM System x Technical Principles V8

Question:1

A customer wants to acquire BIOS and Firmware updates for their BladeCenter HS21, LS21 and LS41 servers. Which IBM tool should the customer use to obtain all of the required updates?

- A. IBM ServerGuide
- B. IBM UpdateXpress
- C. Director Update Manager
- D. IBM FlashXpress Utility

Answer: B**Question:2**

A customer has just installed an IBM option into their server, but the option is not working properly. What step should you take to determine if the device is supported in the server?

- A. Check the IBM ServerProven site
- B. Check the OEM Vendors Support site
- C. Check the Hardware Compatibility List (HCL)
- D. Check the Configuration and Options Guide (COG) - Compatability list

Answer: A**Question:3**

A customer's floor space in their datacenter is completely full. They currently require 20 servers and need the ability to add an additional 10 servers at a later date. They have 25U of continuous space available in one of their racks. Which chassis supports the customer's requirements?

- A. BladeCenter HT
- B. BladeCenter
- C. BladeCenter T
- D. BladeCenter H

Answer: B**Question:4**

Where can a customer find a list of supported operating systems for a particular option on a System x server or BladeCenter?

- A. IBM ServerProven
- B. Configuration and Options Guide
- C. Standalone Solutions Configuration Tool
- D. Executive Briefing Center

Answer: A**Question:5**

If a System x server does not boot when the Power button is pressed, and the server emits one beep followed by two beeps in succession and then another single beep. Which source should you use to identify the meaning of these indicators?

- A. IBM Server Users Manual
- B. ServerGuide Hardware Reference
- C. Problem Determination and Service Guide
- D. BIOS Error Logs

Answer: C**Question:6**

A customer needs to run VMWare ESX with eight 2.5" SFF Internal SAS hard drives and wants AMD branded processors. Which System x server supports the customer's requirements?

- A. x3755
- B. x3655
- C. x3850
- D. x3950

Answer: B**Question:7**

A customer has one IBM BladeCenter chassis, with four JS21 blade servers, and two IBM System x3950 servers. They are using two single-phase 60A Front End Power Distribution Units (PDU). How many and what type of additional cables

should be purchased for a redundant configuration?

- A. Four IEC 320-C13 to C20 cables
- B. Six IEC 320-C13 to C20 cables
- C. Four IEC 320-C13 to NEMA 5-15P cables
- D. Six IEC 320-C13 to IEC 320-C14 cables

Answer: A

Question:8

A customer would like to implement a low cost SAN solution. They require 10TB of raw storage space with SAS drives and Fibre Channel host connect. Which storage server meets the requirements?

- A. DS8100
- B. DS3200
- C. N3700
- D. DS3400

Answer: D

Question:9

What is the purpose of the Xcel4v cache within an X3 Architecture multi-node server?

- A. It is used as a snoop filter to reduce traffic on the front side bus.
- B. It is used as an L4 cache directory and scalability directory.
- C. It provides assistance in the Memory Scrubbing functionality.
- D. It provides Predictive Failure Analysis of the processor.

Answer: B

Question:10

A customer has an existing IBM Director 5.2x implementation and wants to use the Software Distribution task to update the network card device driver to the latest version on 20 IBM System x servers. In order to apply these updates, what is the minimum agent level that must be installed on the servers?

- A. Level 0
- B. Level 1
- C. Level 2
- D. Level 3

Answer: A

Question:11

Which System x server comes standard with ServeRAID 8k?

- A. x3650
- B. x3655
- C. x3500
- D. x3400

Answer: C

Question:12

A customer requires SAS host connect storage with redundant connections for three servers. The customer does not want to include any switches. Which is the appropriate storage solution for this customer?

- A. EXP3000
- B. DS3200
- C. DS3400
- D. DS4700

Answer: B

Question:13

Which on-board feature generates PFA notifications, sends alerts and status information to IBM Director, provides remote power control, and activates light path diagnostics?

- A. Predictive Failure Analysis
- B. System x and Blade System BIOS
- C. Remote Supervisor Adapter II
- D. Baseboard Management Controllers

Answer: D

Question:14

A customer is working on an Enterprise BladeCenter implementation and is concerned about deploying an OS and IBM Director Agent to multiple IBM blade servers. Which tool would assist the customer in accomplishing this?

- A. Server Plus Pack
- B. Update Assistant
- C. Remote Deployment Manager
- D. Software Distribution and update

Answer: C

Question:15

A customer needs to update the BIOS and firmware on existing machines running various applications, located on the network at multiple sites. To accomplish this the customer currently visits each machine. How can the customer use IBM Director to improve this process?

- A. Use IBM Director's ability to import the UpdateXpress CD and automate the BIOS and firmware update process from a central location
- B. Use IBM Director's Remote System Management to take control of a remote machine and ask the user to insert the UpdateXpress CD
- C. Use IBM Director's Event action plan, schedule a reboot of the machine at the remote location, enter BIOS Setup Utility and select Remote BIOS Update
- D. Use the System Availability tool, monitor the remote machines, and schedule the BIOS update if necessary

Answer: A

Question:16

A customer has a fully populated 42U rack with IBM BladeCenter chassis. Each chassis has two Cisco Intelligent Gigabit Ethernet Switch Modules. How many external network connections are available?

- A. 6
- B. 12
- C. 36
- D. 48

Answer: D

Question:17

Your customer has purchased a DS4800 and wants to buy a drive expansion cabinet. The customer wants to support SATA and FC drives in the same expansion cabinet. Which expansion cabinet supports the customer's requirements?

- A. EXP420
- B. EXP810
- C. EXP710
- D. EXP100

Answer: B

Question:18

A customer requires x3850 that uses SAS drives and supports RAID-6. Which ServeRAID adapter meets the customer's requirements?

- A. ServeRAID 6M
- B. ServeRAID 8e
- C. ServeRAID 8i
- D. ServeRAID 6i

Answer: C

Question:19

A customer has installed a System x server with an RSA II adapter. How do you access and configure the adapter?

- A. Using Update Manager
- B. Using Remote Control
- C. Using System Availability
- D. Using the Web Interface

Answer: D

Question:20

Which System x server supports a CPU pass-through card?

- A. x3655
- B. x3850
- C. x3800
- D. x3755

Answer: D

Question:21

A customer's application environment includes file and print, retail (OS 4690), network infrastructure, and distributed applications. Which System x server supports this environment?

- A. x3200
- B. x3400
- C. x3500
- D. x3800

Answer: A

Question:22

Which RAID level offers the most protection for three drives with the maximum amount of drive space?

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

Answer: C

Question:23

Which are availability/reliability features of the x3850?

- A. Active memory, active PCI-X, and active processors
- B. Hot-swap power and fans
- C. Active memory, active PCI-X, hot-swap power and fans
- D. Active processors and active memory

Answer: C

Question:24

Text Console Redirection allows administrators to remotely view text messages over a LAN. Which optional upgrade allows graphical content redirection?

- A. Remote Supervisor Adapter II SlimLine
- B. Integrated System Management Processor
- C. Advanced System Management Interconnect
- D. Baseboard Management Controller

Answer: A

Question:25

Which cooling method does IBM BladeCenter use?

- A. Forced air cooling
- B. Convection cooling
- C. Calibrated vectored cooling
- D. Vacuum cooling

Answer: C

Question:26

A customer needs to deploy a custom application update to 20 workstations. Each workstation has IBM Director Agent installed. How can this be accomplished?

- A. By using Deployment Web Push, the IBM Director Server can deliver updates to any machine
- B. By purchasing IBM Remote Deployment Manager and a 20 agent licenses
- C. By using the Update Assistant task in IBM Director
- D. By purchasing the installation CD and 20 Software Distribution Premium Edition agent licenses

Answer: D

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