

IBM.Passguide.C4060-156.v2014-04-11.by.SOCORRO.56q

Number: C4060-156

Passing Score: 700

Time Limit: 120 min

File Version: 22.5



<http://www.gratisexam.com/>

Exam Code:C4060-156

Exam Name:System x Server Family Technical Support V1 Exam



IT Certification • Exam Materials

Exam A

QUESTION 1

Which statement is true about Predictive Failure Analysis (PFA) for System x servers?

- A. PFA is available only when a Virtual Media Key is present.
- B. PFA is available only when using the latest service packs
- C. PFA is available when the related setting is turned on in UEFI settings
- D. PFA is embedded in selected server components and requires no action to be enabled.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

A customer is asking if the new IBM UEFI recognizes their Windows 2003 Enterprise Operating System. Which of the following is the correct answer?

- A. An upgrade must be done to Windows 2008 Enterprise x64
- B. UEFI can support Windows 2003 Enterprise in native mode
- C. UEFI can emulate BIOS and support Windows 2003 with no performance impact
- D. UEFI only supports Windows 2003 as a virtual machine guest (VMware or Hyper-V)

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

A customer has an existing Cisco network environment, however, they are not standardized on Cisco. They are interested in the IBM Systems Networking switches, but have a concern about managing both vendors. Which of the following addresses that concern?

- A. IBM switches use isCLI
- B. IBM switches cannot intermix with other vendors such as Cisco
- C. The IBM switches can use Element Manager, which is identical to what Cisco uses
- D. Vendors may be intermixed, but with a significant loss of features and functions

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

A customer is looking at the Oracle Times Ten product for an in memory database solution. Which of the following IBM products would be comparable?

- A. solidDB

- B. SAP HANA
- C. SmartCloud Entry
- D. Flex System Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

A System x customer is considering a Flex System x240 16-core node. The customer needs maximum memory on the node to support their solution. Which of the following is the maximum memory slots available?

- A. 12 slots
- B. 16 slots
- C. 24 slots
- D. 32 slots

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

A client wants to purchase a PureFlex with two Flex Chassis. Which of the following conversations should you have with your client from a logistical perspective before you settle on this configuration?

- A. Who is their preferred local carrier to ensure that carrier delivers the equipment.
- B. Do they want the equipment racked and cabled at the IBM factory before it is shipped to them.
- C. Are they capable of receiving and moving to their datacenter the 42U populated rack that will be shipped.
- D. Do they want to purchase and use an FSM as that will be shipped separately and will be installed on site.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A customer is planning for a new large x3850 X5 server installation. Which of the following steps should the technical specialist take to ensure success?



<http://www.gratisexam.com/>

- A. Conduct a TDA
- B. Create an implementation plan
- C. Provide detailed TCO analysis
- D. Engage local FTSS for implementation

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Many servers are limited in the number of standard quad rank DIMMs they can support without impacting memory performance. Which of the following memory technology types can overcome this limitation?

- A. RDIMM
- B. UDIMM
- C. LP-DIMM
- D. LR-DIMM

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A client is interested in taking advantage of the SSD caching functionality in the IBM M5110 RAID controller to increase their disk read and write performance. They currently have an x3650 M4 with 5 x 300GB SAS drives. The RAID controller they have is an M5110e RAID adapter with 512MB Battery Backed Cache. What do they need to purchase in order to implement the SSD caching capability?

- A. One SSD drive with the SSD Caching Enabler Key
- B. Two SSD drives with the SSD Caching Enabler Key
- C. One SSD drive and the SSD Performance Optimization Key
- D. Two SSD drives and the SSD Performance Optimization Key

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

A System x client is interested in IBM ToolsCenter Bootable Media Creator but is concerned about functions. Which of the following describes the functions of ToolsCenter Bootable Media ?

- A. Update firmware, install Linux, install Windows
- B. Update firmware, run diagnostics, install Linux
- C. Update firmware, update drivers, install Windows
- D. Update firmware, run diagnostics, install Windows

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

A customer has an x3850 X5. They currently have four sockets and all 64 memory slots filled. They would like to scale the system and would like to know what their scalability options are. Which of the following are viable options?

- A. 2-node + 3 MAX5
- B. Single Node + MAX5
- C. Single Node + 2 MAX5
- D. Single Node + QPI wrap card

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A retail customer wants to identify the system firmware version information on several IBM System x servers, and apply updates as required from a central location. Which IBM tool provides this capability?

- A. ServerGuide
- B. ServerProven
- C. IBM Systems Director
- D. Tivoli Provisioning Manager for OS Deployment

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

An System x client has a virtualization farm and they are using VMware. On a day to day basis, the client is constantly deploying VM's because their software developers need to compile and test their code. Which product would provide the developers with a self-service web portal to request VM's while automating the deployment for VM's for the IT staff?

- A. SmartCloud Entry
- B. IBM's Entry Cloud Software ECS
- C. Tivoli Service Provisioning Manager
- D. IBM's BladeCenter Foundation for Cloud

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

A System x technical specialist has a prospective customer who is excited about PureFlex and is working on configurations for a large complex opportunity. During the engagement the customer has changed the design several times and has significantly increased the scope. What steps should the technical specialist take to make sure the customer is satisfied with the solution?

- A. Request Techline create configurations
- B. Request Techline to perform an on site TDA
- C. Perform knowledge transfer of design requirements with the customer
- D. Engage Techline to assess configurations and assist in preparing for a TDA

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Which interconnect technology is used to attach an IBM Max 5 memory drawer to an eX5 server?

- A. EXA
- B. QPI
- C. SMI
- D. PCIe

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

On arrival of their new x3650 M4 servers, a client wants to perform a burn in test of their server for 24 hours to make sure none of the components fail. Which of the following IBM tools can the client use to perform these tests?

- A. ASU
- B. DSA
- C. ToolsCenter

D. IBM Systems Director

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

A retail customer has just installed an IBM option into their server, but the option is not working properly. Which of the following should be checked first to determine if the device is supported in the server?

- A. IBM ServerProven site
- B. IBM x86 Server Reference (xREF)
- C. Configuration and Options Guide
- D. Hardware Compatibility List (HCL)

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

After submitting a configuration that meets the customer's requirements, a TDA is suggested. The customer is not familiar with the TDA process and asks why this should be done. Which of the following is a benefit of a TDA?

- A. A TDA is required only for IBM direct-sourced business opportunities
- B. A TDA will ensure the solutions and configurations are complete and technically accurate
- C. A TDA brings an IBM technician onsite to properly inspect installed hardware and related software
- D. A TDA will guarantee that the hardware will work in the customer's environment at the volumes projected

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Throughout the sales process the sales professional has been a valued resource to a client who purchased a Flex Chassis with a FSM and five x240 nodes. The client runs into an issue and reaches out to the sales professional for help. Which of the following actions is appropriate?

- A. Recommend they open a service call.
- B. Tell them to google their issue online.
- C. Begin to troubleshoot the issue for the client.
- D. Tell the client you are a presales resource and cannot help.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

An installed Cisco LAN customer is concerned about the IBM networking switches that have been proposed as part of the solution. The customer is most concerned with the IBM switches integrating into the existing network without issues. Which of the following is the best resource to use to remove the customer's doubt about interoperability?

- A. Cisco web site
- B. IBM Sales Manual
- C. Tally Group report
- D. IBM Server Proven web site

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

IBM ToolsCenter Bootable Media Creator is used to create bootable media. Which of the following functions can be performed with this media?

- A. Update firmware, update drivers, run diagnostics, install Windows
- B. Update firmware, update drivers, install Windows, report energy usage
- C. Update firmware, run diagnostics, install Windows, report energy usage
- D. Update firmware, update drivers, run diagnostics, install Windows and Linux

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

A customer has fully populated all the storage drive bays on an installed server. The customer plans to add new storage and share storage with three other servers. Which of the following meets these requirements?

- A. Add external storage via SAN
- B. Add external storage via EXP2512
- C. Replace current storage with more dense drives
- D. Replace current storage with solid state storage

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

An existing IBM System x customer is evaluating PureFlex. They want to know their best option to manage this new environment. Which of the following should be recommended?

- A. FSM
- B. HMC
- C. IVM
- D. IBM Systems Director

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A customer wants to update their systems with the latest drivers. Which one of the following tools performs this task?

- A. ServerGuide
- B. UpdateXpress
- C. Bootable Media Creator
- D. Advanced Settings Utility

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

A customer plans to implement a network of x3550 M4 servers. Which of the following would allow installation of firmware updates?

- A. ToolsCenter
- B. VMware vSphere 5
- C. Tivoli Storage Manager
- D. Tivoli Provisioning Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A prospect is interested in an IBM solution. The System x technical specialist discovers the customer needs the most dense server solution. The customer also requires multiple compute, internal shared storage and I/O configuration options. Which of the following solutions should a System x seller recommend that would be the densest solution?

- A. DataPlex
- B. Rack Optimized

- C. PureFlex Express
- D. BladeCenter HS23

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

A customer that is looking to implement a new x3850 X5 server in their environment, wants it to connect to their existing EMC CLARiON CX700. Where should the specialist look to verify that this is a supported solution?

- A. SSCT
- B. Alinean
- C. TechLine
- D. ServerProven web page

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

If a IBM Flex System compute node utilizes its LOM and periscope connector, the switch installed in its chassis bays 1 and 2 must support which of the following?

- A. iSCSI
- B. Ethernet
- C. InfiniBand
- D. FibreChannel

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



<http://www.gratisexam.com/>

Exam B

QUESTION 1

A customer has a legacy x86 deployment on physical servers. What benefit do server hypervisors such as VMware offer to preserve legacy workloads?

- A. Legacy x86 CPU models can be emulated allowing operating system compatibility.
- B. User-controlled CPU frequencies allow slower legacy hardware timings to be preserved.
- C. Virtualized CPU cores facilitate reduced licensing costs for legacy operating systems.
- D. Selected legacy operating systems can be hosted on new hardware which are not natively supported

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Due to mergers and acquisitions, a customer has several storage subsystems of varying brands about to come off of lease. They would like to consolidate to one new storage subsystem. However, they are uncertain of their current performance load. The customer asks the System x technical specialist if there is a way to start virtualizing this collection of storage while sorting out the capacity and utilization issues. Which of the following addresses this need?

- A. TSM
- B. Disk Magic
- C. Storwize V7000
- D. Capacity Magic

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

A customer plans to connect two x3850 X5 systems together for scalability using QPI cables, but first they must update the UEFI, IMM, FPGA, and DSA preboot firmware levels on both systems to the same level or to the minimum levels recommended. Which of the following tools is the preferred method to display the installed firmware levels and maintain future updates on each system?

- A. ServerGuide
- B. ToolsCenter UXSPI
- C. Advanced Settings Utility
- D. ToolsCenter Bootable Media Creator

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

A customer has a BladeCenter with a 10Gb chassis switch. The customer wants to know which redundant components can be safely removed from a BladeCenter H without interrupting the workloads . Which of the following meets this criteria?

- A. I/O module, blade
- B. Cooling module, blade
- C. Power supply, I/O module
- D. Cooling module, power supply

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

A System x prospect is looking to build a new general purpose computing environment. The ability to quickly deploy once the solution has arrived at the customer data center is important. Which of the following would be the quickest to implement?

- A. iDataPlex
- B. PureFlex



<http://www.gratisexam.com/>

- C. BladeCenter
- D. IBM Intelligent Cluster

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

A x86 customer released an RFP for new system. One requirement is that the configuration must include software for automated Windows OS deployments. Which of the following packages meets the customer's requirement?

- A. IBM ServerGuide
- B. IBM Systems Director Express Edition for x86
- C. IBM Systems Director Standard Edition for x86
- D. IBM Systems Director Enterprise Edition for x86

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

A customer purchased an x3650 M4 server and requires the ability to remotely power on and off the server. Which of the following would the customer use to remotely power the server on and off?

- A. CMM
- B. AMM
- C. UEFI
- D. IMM2

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

A new IBM x3650 M4 customer has experienced support issues with problem resolution from their previous vendor. The biggest problem was with Microsoft Exchange failing intermittently. Which of the following should the technical specialist suggest to assist the customer?

- A. Techline
- B. Tivoli Provisioning Manager
- C. IBM Hardware Standard Warranty
- D. RTS ServicePac for Applications

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which of the following documents is designed to mitigate risk during a complex BladeCenter installation?

- A. SSIC Listing
- B. TDA Checklist
- C. Site Evaluation
- D. Power Estimator

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

A customer purchases a virtual media key on an installed x3650 M4. The customer asks where to install the key. Which document provides this information?

- A. COG

- B. xREF
- C. ServerGuide Hardware Reference
- D. Problem Determination and Service Guide

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

A System x technical professional is discussing the IBM x86 product family with a customer. The customer is very interested in PureData. Which resource should the technical specialist use?

- A. SSCT
- B. Competeline
- C. ServerProven
- D. PureFlex Team

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

A System x technical expert is talking to the CEO of a large enterprise and he has asked, from a business point of view what does virtualization provide? Which of the following best describes that business value to the CEO?

- A. Reduce network port counts with VLAN tagging
- B. Consolidate storage resources into a set of tiered pool
- C. Improve CPU utilization by replacing single windows servers with blades
- D. Maximize utilization of business computing and storage assets, reduce time to set up new applications

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A customer has existing mixed x86 and Power blades deployments on IBM BladeCenter hardware. The customer is considering options for the mixed Power and x86 environment. In which of the following areas does a PureFlex provide significant improvement over the customer's existing infrastructure?

- A. Lower energy usage
- B. Scalable clustering
- C. FSM centralized management
- D. HMC centralized management

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 14**

A System x prospect is very concerned about downtime and ask for the ability to hot swap internal drives. Which of the following blade servers offer hot swap internal hard drives?

- A. HX5
- B. HS21
- C. HS23
- D. HS22V

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 15**

A customer asks the System x technical specialist to advise them on updating their firmware during the installation of the new x3650 M4 servers. Which of the following provides that function?

- A. xConfig
- B. ServerProven
- C. UpdateXpress
- D. IBM Systems Director

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 16**

A customer is planning to install a System x server with 10 Gb Ethernet Top of Rack (TOR) switches. The TOR will be in the same rack as the server. The customer asks for an inexpensive solution. Which of the following recommendations meets this need?

- A. DAC cable
- B. InfiniBand
- C. Long range SFP
- D. Short range SFP

Correct Answer: A

Section: (none)

Explanation**Explanation/Reference:****QUESTION 17**

A BladeCenter customer is a PureFlex prospect. The customer mentions HP FlexFabric Network. The

customer is concerned about easily migrating the existing adapter I/O parameters to a new system. Which of the following should be first discussed?

- A. SmartCloud Entry
- B. IBM Fabric Manager
- C. Tivoli Provisioning Manager
- D. BladeCenter Open Fabric Manager (BOFM)

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

A customer is planning for an 8-socket x3950 X5 server, with disks on both nodes in a redundant configuration. How many RAID adapters are needed to implement RAID 5?

- A. One per node
- B. One in primary node
- C. Two in primary node
- D. Only the main node can have hard drives

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

A customer has requested five rack mounted servers, and a rack. They want redundant power connections to the servers. What must the customer install to meet these requirements?

- A. Redundant PDUs in the rack
- B. Redundant power supplies in the servers
- C. Redundant power supplies in the servers and redundant PDUs in the rack
- D. Redundant power supplies in the servers, redundant PDUs in the rack, and Active Energy Manager

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A BladeCenter customer has issues updating their current IBM and other servers, network, and storage stack. The customer asks the technical specialist if IBM has anything to handle this issue. Which of the following should the customer leverage to lessen this issue?

- A. FSM
- B. HMC
- C. RSA2

D. IBM Systems Director

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

A client is configuring an x3650 M4. Once the system is in production, they need to be able to remotely view and make changes to the UEFI interface. Which of the following is the correct way to configure this?

- A. Configure the CMM with an IP address
- B. Configure the BMC with an IP address
- C. Configure the AMM with an IP address
- D. Configure the IMM with an IP address

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

A customer needs to get a working Windows Server 2012 image with drivers for their new servers as soon as possible. Which of the following methods would best achieve this?

- A. Use ServerGuide to install Windows Server 2012
- B. Install Windows Server 2012 using the F6 supply Mass Storage Controller option
- C. Deploy customer's existing image and use UXSPI to update IBM specific drivers
- D. Replace customer's deployment solution with Tivoli Provisioning Manager for OS Deployment

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A customer needs to install a rack with seven of the x3650 M4 servers with standard linecords. Each server has redundant power supplies. Which of the following meets this requirement?

- A. One DPI C13 Enterprise PDU
- B. One DPI Universal Rack PDU
- C. Two DPI C13 Enterprise PDUs
- D. Two DPI C19 Enterprise PDUs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A System x technical expert is working on a customer solution that includes PureFlex and Power nodes. Which of the following configuration tools offers the ability to create a hybrid PureFlex configuration?

- A. xREF
- B. SSCT
- C. xConfig
- D. eConfig

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

A customer plans to replace a large group of older 1U servers, each dedicated to a unique application. Fewer servers, and quick provisioning of those servers is important to the customer. Which of the following addresses this situation?

- A. Implement BladeCenter and VMware
- B. Move to X5 servers with IBM Systems Director
- C. Upgrade the 1U servers to improve performance
- D. Replace each 1U server with energy efficient servers

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A new IBM System x customer is implementing a consolidation strategy from a variety of competitive x86 servers and blades. The technical expert has developed a strong working relationship with the CFO who is acting as CIO. Which of the following is the minimum content of the customer support plan?

- A. A list of contact numbers
- B. A copy of all previous contracts
- C. A single contact number for resolution of any issues
- D. A list of all equipment, and software previously installed

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

A Sun Solaris customer with a single 40 core system is planning to migrate to another platform and Linux. The customer uses a large application using all 40 cores and they want at least 40 cores. They already have a BladeCenter H and would prefer blades. All cores

are not equal. After consulting with the ATS Server Consolidation Team you know that the E7-4870 2.40GHz 10C is the processor that meets/exceeds the Sun processors. Which of the following blades support the 10C E7-xxxx processors?

- A. HX5
- B. HS22
- C. HS23
- D. HS23E

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

A customer is purchasing a BladeCenter HS23 server and wishes to implement FCoE. Which of the following options meet their need at the lowest cost?

- A. Mellanox ConnectX-2
- B. Broadcom two port adapter
- C. LOM with an advanced software feature
- D. VFA II with an advanced software feature

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



<http://www.gratisexam.com/>