

Vendor: IBM

Exam Code: C4060-156

**Exam Name:** System x Server Family Technical Support

V1

Version: Demo

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.

**Answer: D** 

#### 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)

Answer: C

#### **Question: 3**

A customer has an existing IBM network environment, however, they are not standardized on IBM. 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 IBM
- C. The IBM switches can use Element Manager, which is identical to what IBM uses
- D. Vendors may be intermixed, but with a significant loss of features and functions

**Answer: A** 

#### 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

Answer: A

## **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

**Answer: C** 

#### **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.

**Answer: C** 

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?

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

Answer: A

#### **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

Answer: D

#### **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

**Answer: B** 

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

**Answer: D** 

#### 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

**Answer: B** 

#### **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

**Answer: C** 

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

**Answer: A** 

#### 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

**Answer: D** 

#### **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. PCle

**Answer: B** 

#### **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

**Answer: B** 

#### **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)

Answer: A

#### **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

**Answer: B** 

#### 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.

Answer: A

#### **Question: 20**

An installed IBM 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. IBM web site
- **B. IBM Sales Manual**
- C. Tally Group report
- D. IBM Server Proven web site

**Answer: C** 

#### Question: 21

IBM ToolsCenter Bootable Media Creator is used to create bootable medi

- a. 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

Answer: A

#### 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

Answer: A

#### **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

Answer: A

### 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	/
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**Answer: B** 

# **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

**Answer: A** 

#### 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. iDataPlex
- B. Rack Optimized
- C. PureFlex Express
- D. BladeCenter HS23

**Answer: C** 

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