



Exam Code: 000-081

Exam Name: System x Technical Principles V9

Vendor: IBM

Version: 3.00

Part: A

1: A customer is looking into consolidating their Linux-based database application on System x servers. The application requires eight virtual processors. Which virtualization solution meets this requirement?

- A.vSphere 4
- B.Microsoft Virtual Server 2005 R2
- C.ESC 3.0
- D.VMware Server

Correct Answers: A

2: A customer installs an x3950 M2 with a DS5000 attached. The DS5000 has 224 Fibre Channel drives attached to it. The customer wants the maximum amount of disk space, but also wants redundancy on the arrays in the event of a drive failure. Which of the following RAID levels meets these requirements?

- A.RAID-0
- B.RAID-1
- C.RAID-3
- D.RAID-5

Correct Answers: D

3: The Firmware and BIOS version information is displayed on the server console monitor during POST. Which of the following tools is the best option to obtain the required information without shutting the server down?

- A.IBM Systems Director
- B.vCenter
- C.Access Connections
- D.IBM Integrated System Management Processor (ISMP)

Correct Answers: A

4: A retail customer wants to identify the system BIOS version information on several IBM System x servers and apply updates as required from a central location without causing server downtime. Which IBM tool provides this capability?

- A.Access Connector
- B.ServerGuide
- C.Systems Director
- D.Remote Deployment Manager

Correct Answers: C

5: A company with a small number of IT staff performs most of their work on their System x3850 M2 servers from a remote location. Which of the following allows remote access of the supported servers to both the BIOS Setup and Configuration utilities and the operating system (Microsoft Windows 2003) GUI?

- A.IBM Systems Director

- B.Remote Supervisor Adapter II
- C.Baseboard Management Controller
- D.Serial Port Management Adapter

Correct Answers: B

6: 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

Correct Answers: B

7: What is the maximum number of System x3950 M2 4-Node complexes that can be installed in an IBM S2 42U Enterprise Rack Enclosure, based on space?

- A.Two
- B.Three
- C.Ten
- D.Five

Correct Answers: A

8: Which System x server supports a Pass Thru Card for processors?

- A.x3755
- B.x3100
- C.x3455
- D.x3650 M2

Correct Answers: A

9: 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 (COG)
- C.Standalone Solutions Configuration Tool
- D.IBM Systems Director

Correct Answers: A

10: Which utility embedded in a ServeRAID MR10M adapter provides an overview of the current RAID settings?

- A.ServeRAID Manager
- B.ServeRAID Mini-Configuration
- C.BIOS Setup Utility
- D.IBM Storage Manager

Correct Answers: B

11: 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

Correct Answers: C

12: Which storage technologies support remote mirroring or replication to another storage device?

- A. iSCSI and SCSI
- B. SAS and Fibre Channel
- C. iSCSI and Fibre Channel
- D. iSCSI and SAS

Correct Answers: C

13: Which IBM Systems Director task is used to detect software installed on target client computers?

- A. Software Manager
- B. Software Update Connector
- C. Software Auditor
- D. Software Inventory

Correct Answers: C

14: What is the maximum number of IBM BladeCenter H chassis that can be installed in an IBM S2 42U Enterprise Rack Enclosure, based on space?

- A. Three
- B. Four
- C. Five
- D. Six

Correct Answers: B

15: Which types of storage use World Wide Names (WWN) to identify devices?

- A. iSCSI and SATA only
- B. iSCSI and SCSI
- C. SATA, Fibre Channel and SCSI only
- D. SATA, SAS, Fibre Channel and SCSI only

Correct Answers: D

16: A customer has purchased an x3850 M2 server with four processors, 16GB of memory and four 73GB internal SAS drives. They have also purchased an external EXP3000 with twelve 300GB 10,000 RPM SAS drives. The customer requires maximum speed without redundancy or data protection on the internal SAS drives. Which of the following RAID levels meets these

requirements?

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

Correct Answers: A

17: A customer has an IBM 42U S2 Enterprise rack with fully populated sidewalls. They will install a 2U keyboard / monitor drawer and four (not front end) PDUs. Which of the following is the maximum number of x3650 M2 servers that fit in this configuration?

- A.18
- B.19
- C.20
- D.40

Correct Answers: A

18: 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 to determine if the device is supported in the server?

- A.IBM ServerProven site
- B.IBM Options Support Site
- C.Hardware Compatibility List (HCL)
- D.Configuration and Options Guide (COG) ?Compatibility list

Correct Answers: A

19: Which storage technology allows the greatest distance between the server and the storage without use of routers or other devices?

- A.iSCSI
- B.SAS
- C.SCSI
- D.Fibre Channel

Correct Answers: D

20: What is the maximum number of BladeCenter E chassis that can be installed in an IBM S2 42U Enterprise Rack Enclosure?

- A.Three
- B.Five
- C.Six
- D.Seven

Correct Answers: C