Exam: 000-106

Title :   Power Systems with
                POWER7 Common
                Technical Sales Skills - v1

Version   : DEMO

1.A system is being planned with three production partitions, one each for an IBM i, AIX standard edition, and Power Linux applications.One fibre-channel attached TS3100 tape library will be shared between the partitions for backup.Which solution provides tape library sharing with minimum operator intervention?

A.Configure VIO Server Express Edition to control the tape library through one fibre channel card.Assign the library to the production partitions when needed.

B.Configure the IBM i partition to own the tape library.Use IBM i virtualization to host a virtual tape library connection to the AIX and Linux partition.Assign the library to the production partitions when needed.

C.Configure a fibre channel card for each partition, and a configure fibre switch.Connect the partitions and tape library to the switch.Zone the switch so all partitions can enable the tape when needed and disable the tape when finished.

D.Configure AIX to control the tape library through one fibre channel adapter.Use AIX virtualization to host a virtual tape library connection to the IBM i and Linux partitions.Assign the library to the production partitions when needed.

Answer: C

2.Which of the following items in a single enclosure Power 770 improves Reliability, Availability, and Serviceability?

A.Redundant system clocks B.Redundant

service processors C.eDRAM chips have

redundant L3 cache

D.Main memory DIMMs contain a redundant DRAM chip

Answer: D

3.The Power 720 is offered with how many cores?

A.1, 2, or 4

B.2, 4, or 6

C.2, 4, or 8

D.4, 6, or 8

Answer: D

4.A customer would like to have the ability to permanently activate processor and memory resources as their workload increases.Which of the following supports the customer requirement?

A.Reserve Capacity on Demand

B.Utility Capacity on Demand

C.Capacity Upgrade on Demand

D.Uncapped Capacity on Demand

Answer: C

5.A customer is planning to buy a two enclosure Power 770, and will implement 4 LPARs with the following requirements:Each LPAR must have a private, dedicated connection to the network.The adapter for this network connection must be hot-swappable.The customer wants to minimize the number of I/O slots used.Which of the following fulfills the customer requirements?

A.Two dual-port PCIe adapters

B.A four-port PCIe Ethernet adapter

C.Four separate PCIe Ethernet adapters

D.Two embedded Integrated Virtual Ethernet adapters (IVE)

Answer: C

6.Which of the following is included in IBM Systems Director Express Edition?

A.Energy management

B.Virtual image deployment

C.Virtual resource management

D.Networking device management

Answer: D

7.A customer is buying 10 new Power 720 servers and will integrate them into their existing data center which also has two Power 595s and five Power 750s, taking the total number of systems to 17.All currently installed systems are managed by a single HMC.All the machines will have dual VIO Servers for redundancy, and 10 client LPARs.How can they manage the new machines for the least cost?

A.Purchase a second HMC and use this to manage the new servers.

B.Connect all of the new servers to the existing private HMC network.

C.Configure a second private network on their existing HMC for the new servers.

D.Connect 9 of the new servers to the existing HMC and use Integrated Virtualization Manager on the 10th.

Answer: B

8.What is an advantage of using an HMC rather than IVM for system management?

A.Support for a single VIO Server environment

B.Adapters can be dedicated or virtual for each LPAR environment

C.Interfaces with Systems Director to manage the Power Systems servers

D.Supports multiple Power Systems servers from a single point of control

Answer: D

9.A customer is planning on having a single Virtual I/O Server (VIOS) configuration in a Power 750.They have selected a 4-port 1Gb Integrated Virtual Ethernet (IVE).There will be no other network cards installed in the system.One IVE logical port will be used in the VIO Server and will be used as the physical port in a Shared Ethernet Adapter (SEA).What is the maximum number of IVE logical ports available to use in other LPARs?

A.1

B.7

C.15

D.31

Answer: D

10.A customer has a Power 780 with 16 cores installed and activated.If the system is running in TurboCore mode, how many cores are available to use?

A.8

B.16

C.24
D.32
Answer: A

11.When performing an expert level pre-install Technical & Delivery Assessment (TDA), which team member has the responsibility for assigning, tracking and updating the completion of action items during the TDA process?
A.The Delivery Leader B.The
Opportunity Owner C.The
Solution Designer D.The
Subject Matter Expert
Answer: B

12.Which data synchronization options between two geographical locations are supported by PowerHA SystemMirror?
A.Parallel and Serial B.Serial and
Asynchronous C.Parallel and
Synchronous D.Synchronous and
Asynchronous Answer: D

13.A customer has several single partition POWER5 and POWER6 processor-based systems housed in regional data centers and wants to consolidate into a single Power 770.They must minimize overall cost and the number of adapters, while ensuring a reliable infrastructure.Which solution addresses the customer requirements?
A.Move the storage into a common SAN and virtualize the I/O using a single VIO Server with dual NIC connectors and dual HBAs
B.Move the existing physical network and storage adapters to the new system and virtualize the I/O using a single VIO Server.
C.Move the storage into a common SAN and virtualize the I/O using dual VIO Servers, each with dual NIC connectors and dual HBAs.
D.Move the storage into a common SAN and virtualize the I/O using dual VIO Servers, one with dual NIC connectors and the other with dual HBAs.
Answer: C

14.What describes the difference between NPIV and vSCSI in the way fibre-channel attached disk and tape are presented when VIO Server is used?
A.NPIV presents Virtual HBA addresses and vendor specific information for disk and tape devices.vSCSI presents generic disk and tape device interfaces.
B.NPIV presents generic disk and tape device interfaces on virtual HBA addresses.vSCSI presents HBA addresses as SCSI with vendor specific information for disk and tape devices.
C.NPIV presents HBA addresses and vendor specific device information directly to the client partition.vSCSI presents vendor specific disk information and generic tape device interfaces through VIO server.

D.NPIV presents virtual HBA addresses with generic device information for SCSI based disk and tape devices.vSCSI presents vendor specific information for disk and tape device devices attached via SCSI hardware interfaces.

Answer: B

15.A new customer wants to install a Power 750 in a warehouse location that has no local staff to support it.They are concerned about hardware support and would like to have the system notify IBM service if there is an issue.Which actions will address the customer concern?

A.Enable automatic problem reporting from smit

B.Use IVM to enable console mirroring to IBM Remote Support.

C.Use the HMC to enable reporting through Electronic Service Agent.

D.Enable Automatic Problem Reporting in ASMI using he embedded modem on the FSP.

Answer: C

16.A customer is consolidating seven IBM i partitions onto a POWER7 system, using VIO Server to virtualize resources.Which of the following PowerVM editions is appropriate for this customer?

A.IBM i Edition

B.Express Edition

C.Standard Edition

D.Enterprise Edition

Answer: C

17.Which of the following has an integrated database?

A.AIX

B.IBM i

C.Linux

D.VIO Server

Answer: B

18.A stock exchange needs extremely low latency in their disk subsystem.Which disk storage technology is most likely to fulfill their need?

A.SSD

B.SSA

C.SAS

D.SAN

Answer: A

19.A customer has a POWER6 520 system with 6 partitions.They plan to upgrade their system and need to determine the current hardware configuration of the partitions before making any upgrade decisions.What is needed to read the exported system plan and design the new system?

A.e-Config

B.System Planning Tool (SPT)

C.IBM Workload Estimator (WLE)

D.IBM Performance Monitor (PM)

Answer: B

20.Which of the following includes Active Memory Sharing (AMS)?
A.PowerHA Enterprise Edition
B.PowerVM Enterprise Edition
C.VMControl Enterprise Edition
D.Systems Director Enterprise Edition
Answer: B

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