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Exam : **000-101**

Title : Virtualization Technical Support for Aix and Linux

Version : Demo

1. Which of the following statements is true regarding implementing Live Partition Mobility on two existing POWER6 based systems?
A.The systems must use internal storage for boot purposes.
B.All virtualized ethernet adapters must be numbered below 10.
C.The mobile partition's network and disk access must be virtualized.
D.Each system must be controlled by a different Hardware Management Console (HMC).
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ANSWER: C

2. Which of the following statements is true regarding virtual Ethernet redundancy?
A.Specifying an IP Address to ping is optional with Network Interface Backup (NIB) and is optional with Shared Ethernet Adapter (SEA) failover.
B.Specifying an IP Address to ping is optional with Network Interface Backup (NIB) and is required with Shared Ethernet Adapter (SEA) failover.
C.Specifying an IP Address to ping is required with Network Interface Backup (NIB) and is required with Shared Ethernet Adapter (SEA) Failover.
D.Specifying an IP Address to ping is required with Network Interface Backup (NIB) and is optional with Shared Ethernet Adapter (SEA) failover.
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ANSWER: D

3. Which of the following can be used to re-deploy a system configuration in a disaster recovery scenario?
A.System plan
B.System profile
C.Critical console data
D.VIO server partition profile
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ANSWER: A

4. A customer has 5 older POWER5 systems and they want to consolidate them onto a POWER6 system. What information is important to analyze when deciding how to design the new machine using the System Planning Tool?
A.vmstat and iostat data from the older machines
B.The number of CPUs that were installed in the original machines
C.Data from Workload Estimator (WLE) and IBM Performance Management (PM)
D.Performance data that is collected from the new system after it has been put into production
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ANSWER: C

5. The system administrator for a company plans to consolidate the workload of several ageing servers onto a new Power server. The administrator's intention is to virtualize all network and disk resources for each LPAR in the new system using VIOS 1.x.
Which of the following is correct regarding MAC addresses and World Wide Port Names (WWPN) in a client partition?
A.Each client LPAR will have its own MAC address and WWPN.
B.Each client LPAR will have no unique MAC address or WWPN.
C.Each client LPAR will have its own MAC address, but no unique WWPN.
D.Each client LPAR will have no unique MAC address, but will have its own WWPN.
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ANSWER: C

6. An administrator has a Power 570 in default configuration with a 4 port 1 Gbps Integrated Virtual Ethernet (IVE) adapter. A new application requires that the MCS value for the first port group of the IVE adapter be set to 1.
If this change is made, what is the maximum number of logical ports, across both port groups, that the IVE adapter can provide?
A.4
B.16
C.20
D.32
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ANSWER: C

7. A company has a new Power 570. They will install 2 LPARs and 1 VIO server. All networking will be virtualized.
Their application requires a large amount of bandwidth, and Link Aggregation on the VIO server will be utilized.
They have 4 dual port gigabit Ethernet cards. The network infrastructure team has advised the implementation team that they are able to allocate 8 ports split between two switches, SwitchA and SwitchB.
How can Link Aggregation (LA) be configured for maximum possible bandwidth available for the LPARs?
A.Configure 2 LA devices, each containing 2 ports from SwitchA and 2 ports from SwitchB, no backup interfaces.
B.Configure 2 LA devices, each containing any 4 of the 8 available gigabit Ethernet interfaces and 1 backup interface.
C.Configure 1 LA device with all 8 gigabit Ethernet interfaces split between the two switches, and no backup interface.

D.Configure 2 LA devices, each containing 4 gigabit Ethernet interfaces connected to the same switch, no backup interfaces.
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ANSWER: D

8. Which functionality would a customer use to share available CPU resources between AIX and Linux partitions on a Power system?
A.Dynamic LPAR
B.Micro Partitions
C.Entitled capacity
D.Multiple Shared Processor Pools
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ANSWER: B

9. A customer is interested in server consolidation of their AIX and POWER Linux (SLES 10) environments and sees virtualization as an important component of this.
Which of the following options provides the required virtualization and optimizes the use of the hardware?
A.A VIO server can provide virtualization capabilities of network and disk for both AIX and Linux clients.
B.A VIO server partition with the PowerVM Lx86 for x86 installed can provide virtualization capabilities of network and disk for both AIX and Linux clients.
C.A VIO Server partition can provide virtualization of network and disk for AIX clients. A separate Linux partition can provide virtualization of network and disk to Linux clients.
D.A VIO Server can provide virtualization of network and disk for AIX clients. A separate Linux partition running PowerVM Lx86 for x86 can provide virtualization capabilities of network and disk to Linux clients.
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ANSWER: A

10. A customer has a requirement to provide VLAN tagging and a highly available network infrastructure for the logical partitions. A dual VIO server environment with Shared Ethernet Adapters (SEAs) is in place. How can the customer support these requirements?
A.Create a SEA failover infrastructure with each having a Virtual Ethernet with a unique PVID mapping to a Virtual Ethernet on the LPAR with unique PVID.
B.Create a SEA failover infrastructure with each having a Virtual Ethernet with the same PVID mapping to a Virtual Ethernet on the LPAR with the same PVID.
C.Create a Network Interface Backup (NIB) infrastructure with each SEA having a Virtual Ethernet with the same PVID mapped to a Virtual Ethernet with the corresponding PVID on the LPAR.
D.Create a Network Interface Backup (NIB) infrastructure with each SEA having a Virtual Ethernet with a different PVID. Map one to a Virtual Ethernet with the corresponding PVID on the client LPAR.
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ANSWER: B