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Exam : **3V0-624**

Title : VMware Certified Advanced Professional 6.5 – Data Center Virtualization Design Exam

Version : DEMO

1.A customer warns to virtualize an Oracle database with vSphere 6.5, but is concerned about its performance.

Which three design elements will ensure optimum performance? (Choose three.)

A. Share as much memory as possible with the balloon driver.

B. Use VMXNET3 for the network adapter.

C. Create affinity rules for the virtual machine to a single physical socket.

D. Use VMware Paravirtual SCSI adapters for data and log vDisk.

E. Enable Hyper-Threading

Answer: BDE

2.A development team must provide layer 2 network isolation between virtual machines that are in the same VLAN. The solutions architect must provide additional security between the virtual machines on the same subnet.

How can this be done without consuming more VLANs?

A. Use Virtual Switch Tagging

B. Use Private VLANs.

C. Use Virtual Guest Tagging.

D. Use External Switch Tagging.

Answer: B

3.DRAG DROP

A company is outsourcing its support operations to an external service provider and plans to complete the project by April 1.

• The external Support engineers must have the ability to power cycle, create, and edit virtual machines settings within their assigned vSphere site.

• The company maintains three vCenter servers in Enhanced Linked Mode that are run as virtual machines in the supported infrastructure.

• The vCenter servers will be supposed by the external service provider.

• Each vCenter server is connected to its own local Platform Services Controller and MSSQL database server.

• The company will provide escalation support and physical access on a per request basis.

• 99.9% ESXi host uptime is required in this environment, but no SLA has been specified for the hosted applications.

Drag each statement to its appropriate concept.

Statement	Concept
The SLA allows for only 8 hours of downtime per year.	Risk
Remote support engineers are able to edit virtual machines settings.	Constraint
Missing the April 1 deadline will result in additional costs to the company.	Assumption
The company is appropriately staffed to support escalation and physical access.	Requierement

Answer:

Statement	Concept
The SLA allows for only 8 hours of downtime per year.	Missing the April 1 deadline will result in additional costs to the company.
Remote support engineers are able to edit virtual machines settings.	The company is appropriately staffed to support escalation and physical access.
Missing the April 1 deadline will result in additional costs to the company.	Remote support engineers are able to edit virtual machines settings.
The company is appropriately staffed to support escalation and physical access.	The SLA allows for only 8 hours of downtime per year.

4.A customer has requested a vSphere 6.5 deployment design that utilizes vCenter Server and the use of vMware-recommended best practices for securing vCenter Server.

Which three actions would satisfy these requirements? (Choose three.)

A. Utlizing vSphere CLI and vSphere SDK for Perl scripts.

B. Restricting vCerter Server access to only the management network

C. Assigning the default Administrator role to all administrator users.

D. Synchronizing time in vCenter Server with a NIP source.

E. Removing expired and revoked certificates from vCenter Server system.

Answer: ABD

5.A database administrator is operating a virtual machine (VM) configured with 16 vCPU and 64GB of RAM.

A recent performance audit has indicated that this virtual machine is oversized and is using less than 60% of its configured CPU and memory capacity.

• The ESXi host that contains this VM has 2 physical processors with 10 cores per processor, and 128GB of RAM.

• This physical host's architecture is split into two equal NUMA nodes.

Which vCPU and RAM configuration for the VM allows for the most resources, but also provides the performance benefit of local NUMA access?

A. 16 vCPU and 32GB RAM

B. 4 vCPU and 16GB RAM

C. 10 vCPU and 64GB RAM

D. 12 vCPU and 64GB RAM

Answer: C

Explanation:

128/20=6.4*10=64 (10vCPU and 64GB)

http://www.techspresso.com/vm-sizing-best-practices-in-vsphere/

https://blogs.vmware.com/performance/2017/03/virtual-machine-vcpu-and-vnuma-rightsizing-rules-of-thumb.html