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QUESTION 1

An architect is designing an environment for a retail customer. The design will use a single small vCenter Server Appliance and a cluster of eight ESXi hosts at a remote site. There is a single 10 GbE connected network at the remote site to support all management services. It is not possible to create additional management networks at the remote site. Virtual machine backups at the site will be dependent on the vCenter Server being available.

Which design decision should the architect make to maximize availability for backups?

A. vCenter Server High Availability will be configured.

B. The vCenter Server Appliance will be protected with vSphere Fault Tolerance.

C. The cluster will be configured to use vSphere DRS in fully automated mode.

D. The cluster will be configured with vSphere HA and set to restart virtual machines based on guest operating system heartbeat monitoring.

Correct Answer: C

QUESTION 2

Following a recent acquisition, the architect learns that both companies use vSphere on-premise and will need to combine the data centers into one. The acquired company\\'s licenses will not be renewed for cost-savings related to the acquisition. All consumed vSphere licenses must have active support to support lineof-business operations. The merged environment must maintain 25% spare capacity. The architect has a small budget remaining unallocated for hardware.

The architect has calculated that the current vSphere environment can absorb the acquired company\\'s virtual machines but the cluster will run at 90% memory utilization and at 50% CPU utilization.

Which design decision can the architect make to incorporate the new company\\'s virtual machines into the combined vSphere environment?

A. Migrate the acquired company\\'s virtual machines into the vSphere environment as it will currently fit.

B. Use the current budget to add memory to the cluster to increase each ESXi host\\'s capacity and add the new virtual machines.

C. Purchase extra hosts to add to the cluster in anticipation of adding the acquired company\\'s virtual machines.

D. Purchase new licenses for some of the acquired company\\'s ESXi hosts and add them to the cluster to hold the acquired company\\'s virtual machines.

Correct Answer: B

QUESTION 3

An architect is designing a vSphere environment for a customer and learns that the customer has:

A single vSphere cluster Two storage arrays with different RAID capabilities

Which two design decisions should the architect make to maximize data availability and data performance for this customer? (Choose two.)

A. Use Storage DRS.

B. Use VMDK anti-affinity rules.

C. Use multiple datastores for heartbeat.

D. Use a minimum of three storage arrays.

E. Use VM to host DRS rules.

Correct Answer: AC

QUESTION 4

A VMware Service Provider is tasked with delivering a solution for continuous availability for a subset of Tier 1 virtual machines (VMs) and vApps running in their vSAN environment. The VMs make up a mission-critical application and there can be no data loss in the event of an outage at their primary data center. In the event of a regional outage, they have established a 10-minute recovery point objective (RPO). Failover/ failback to the third site must be automated.

They have the following in place:

Two local data centers (primary and secondary) connected with 100 Gb dedicated fiber

-2ms round-trip time (RTT) latency between the sites A third data center located on another power grid

-70ms latency between the primary and secondary data centers Matching storage arrays at all locations Which two solutions could be used to meet the requirements? (Choose two.)

A. Site Recovery Manager

B. Snapshots

C. vSAN Metro Cluster

D. vSphere Data Protection

E. vStorage APIs for Array Integration (VAAI)

Correct Answer: BC

QUESTION 5

A new real-time financial service application is being developed by the engineering team at a financial firm and will be released as a public Software-as-a-Service (SaaS) offering. The solutions architect has designed and deployed a new vSphere environment and the supporting network infrastructure for hosting all public services. ESXi hosts are configured to use Precision Time Protocol (PTP) and a local stratum-1 network time server. Application provisioning and scaling will be managed by VMware vRealize Automation and can be run on Microsoft Windows or multiple distributions of Linux.

Which three recommendations should the architect include in the design to ensure that the service maintain timekeeping within an accuracy of one second? (Choose three.)

A. Use Microsoft Windows Server as the guest operating system.

B. Configure the chrony time-sync agent on each virtual machine guest operating system.

C. Set the virtual hardware device to use Host System Time (NTP) for each virtual machine running the application.

D. Add a precision clock virtual device to each virtual machine running the application.

E. Use a Linux distribution as the guest operating system.

F. Add a virtual watchdog timer (VWDT) device to each virtual machine running the application.

Correct Answer: ABC

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