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QUESTION 1

Your management has asked you to project your anticipated virtual machine storage needs over the next 18 months. Which technology would help provide the required information?

A. vCenter Site Recovery Manager

B. vCenter Operations Manager

C. vCenter Update Manager

D. vCenter Configuration Manager

Correct Answer: B

QUESTION 2

Your company has been watching the news and seen many examples of natural disasters, fires, acts of terrorism, etc. that have disrupted operations. They decide that they need a geographically separate data center to fail over to. They also have noticed that many times the IT staff are unavailable after the event and so ask for a solution that a corporate executive could use to fail over if IT is unavailable. What solution best fits these requirements?

A. Fault Tolerance (FT)

B. Site Recovery Manager (SRM)

C. vSphere Replication (VR)

D. Data Protection

Correct Answer: C

Reference: http://www.vmware.com/files/pdf/vsphere/VMware-vSphere-Replication-Overview.pdf

QUESTION 3

After a recent change control problem, your management team is asking you to implement a solution that will identify and monitor unauthorized changes that have been made to your vSphere environment. Which of the following products can help you monitor and detect non-compliant hosts?

A. VMware host profiles

B. VMware Fusion

C. vCenter Configuration Manager

D. vCenter Operations Manager

Correct Answer: A

Reference: http://www.vmware.com/files/pdf/techpaper/VMW-Host- Profiles-Tech-Overview.pdf (page 5)

QUESTION 4

You have a large virtual environment with workloads that vary widely throughout the day. You want an automated system to quickly load balance as conditions change. What vSphere feature performs this task?

A. Distributed Resource Scheduler (DRS)

B. vMotion

C. vSphere Replication (VR)

D. Storage DRS (SDRS)

Correct Answer: D

Reference: http://www.vmware.com/products/vsphere/features-storage-drs

QUESTION 5

You are a consultant and your newest client is concerned about the visibility of performance and capacity related information to help them manage their new VMware environment more efficiently. Which of the following will enable them to be proactive in their monitoring?

A. Scheduled PowerShell scripts to gather performance data

B. vCenter Operations Manager (vC OPS)

C. vCenter advanced performance charts

D. vCenter Site Recovery Manager

Correct Answer: C

Reference: http://www.epubbud.com/read.php?g=8MVD69ZNandtocp=25

QUESTION 6

You have completed a vSphere deployment for your customer. They have a very critical application that they are concerned about minimizing data loss from a site-level disaster. Which technology offers a possible solution?

A. vSphere Replication

B. Storage I/O Control (SIOC)

C. Distributed Resource Scheduler (DRS)

D. vCenter Virtual Appliance (vCVA)

Correct Answer: A

QUESTION 7

In a meeting with your manager, you are asked to describe the difference between vCenter Site Recovery Manager and vSphere Replication. Which of the following is a feature provided only by vCenter Site Recovery Manager?

A. Asynchronous replication of VMs.

B. Multiple point-in-time recovery options.

C. Non-disruptive disaster recovery testing.

D. Customizable Recovery Point Objectives (RPOs).

Correct Answer: C

Reference: http://www.vmware.com/business-continuity/disaster-recovery

QUESTION 8

What does virtualization do?

A. Converts hardware into software

B. Converts software into hardware

C. Causes your servers to consume less power

D. Causes your servers to run lighter workloads

Correct Answer: A

QUESTION 9

You are the VMware architect for Mason Public Library. This customer deployed a VMware environment several years ago, in the form of 3 stand-alone servers, each with 6 600GB internal SAS drives. The environment has been working well, but they are concerned about the ability to access their virtual machines in the event of a failure to one of their servers. They do not have the additional budget for a new shared storage array. Which of the following is a recommended option to help them achieve higher availability?

A. Power off each virtual machine and copy them to a single server

B. Deploy vCenter Server and deploy the vSphere Storage Appliance

C. Use Storage vMotion to move all of the VMs to a single server

D. Configure CPU affinity to increase CPU access for each virtual machine

Correct Answer: B

Reference: http://www.esaamembers.com/app/webroot/marketing_docs/VMware-vSphere- Storage-Appliance-Datasheet.pdf

QUESTION 10

You have purchased additional storage for your storage array and want to load balance the space and performance to utilize the new drives as simply as possible. Which feature can be used to automatically move some of the VMs from the old disks to the new disks?

A. Distributed Resource Scheduler (DRS)

B. vSphere Replication (VR)

C. Storage DRS

D. Storage vMotion

Correct Answer: C

Reference: http://www.vmware.com/files/pdf/techpaper/vsphere-storage-drs-interoperability.pdf

QUESTION 11

You are explaining virtual networking to your colleague. During the discussion she asks you how the VMs are able to talk to physical devices on the network. Which of the following is true statement?

A. VMs are connected directly to the network via Uplink ports; virtual switches are only used for ESXi communication.

B. VMs are connected to virtual switches via VM port Groups; virtual switches are connected to the physical network via uplink ports.

C. VMs are connected to virtual switches via Uplink ports; virtual switches are connected to the physical network via VM port groups.

D. VMs are connected directly to the network via special physical cards; virtual switches are only used for ESXi communication.

Correct Answer: B

Reference: http://www.vmware.com/pdf/vi_architecture_wp.pdf

QUESTION 12

Which VMware product allows for non-disruptive disaster recovery testing?

A. vCenter Operations Manager

B. vSphere Replication

C. Site Recovery Manager

D. vCenter Configuration Manager

Correct Answer: C

Reference: https://www.vmware.com/products/site-recovery-manager/

QUESTION 13

Which VMware product will help identify mis-sized virtual machines?

A. vCenter Service Manager

B. vCloud Director

C. vCenter Configuration Manager

D. vCenter Operations Manager

Correct Answer: D

Reference: http://www.globalknowledge.ie/content/files/documents/white-papers/virtualisation/vcenter(page 2, What is it?) ops-manager-what-it-is-and-why-you-should-us-it.pdf

QUESTION 14

What is an availability challenge that vSphere can address?

A. Virtual machines can be patched anytime

B. Virtual machines are protected against power outages

C. Hardware upgrades can only be done after hours

D. Non-disruptive virtual machine backups

Correct Answer: D

QUESTION 15

What is an availability challenge that vSphere can address?

A. Virtual machines can be proactively migrated when a server failure is imminent

B. Hardware maintenance can be performed at any time without application impact

C. More servers can be deployed to provide higher availability

D. Disaster recovery is greatly simplified

Correct Answer: A

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