EXAMTOPICS

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Question #1 *Topic 1*

What are two features of vSphere 6.x that help address the availability challenges that organizations face? (Choose two.)

A. Deploying from Templates

B. Host Profiles

C. High Availability

D. Fault Tolerance

Suggested Answer: *C, D*

VMware vSphere 6 will provide customers with a highly available, resilient, on-demand cloud infrastructure to run, protect and manage any application VMware vSphere 6 appealing due to the new availability and fault tolerance capabilities for protecting applications on-premises.
Reference: http://www.vmware.com/company/news/releases/vmw-newsfeed/Introducing-VMware-vSphere-6---The-Foundation-for-Hybrid-Cloud/1920294

Fuzperk Most Recent 5 years, 7 months ago

C,d - Agreed!!

upvoted 1 times

SunnyBunny16 5 years, 8 months ago

C and D

upvoted 1 times

Raeisi1988 6 years, 4 months ago

C.High Availability D.Fault Tolerance

upvoted 1 times

Question #2 *Topic 1*

Which two issues do organizations hope to solve with Data Center Virtualization? (Choose two.)

A. High inefficiency of the Data Center

B. High operating expenses

C. Low bandwidth utilization

D. Increased CPU utilization

Suggested Answer: *A, B*

nashdgreat Most Recent 4 years, 2 months ago

A & B for sure

upvoted 1 times

Vila 5 years, 9 months ago

a and b

upvoted 1 times

Raeisi1988 6 years, 4 months ago

A.High inefficiency of the Data Center B.High operation expenses

upvoted 2 times

Question #3 *Topic 1*

Which storage feature allows common management across storage tiers and dynamic storage classes in the Software-Defined Data Center?

A. VMware Certificate Authority

B. NFS

C. Platform Services Controller

D. Storage Policy-Based Management

Suggested Answer: *D*
Storage-Policy Based Management - Allows common management across storage tiers and dynamic storage class of service automation via a policy-driven control plane. Reference: http://www.vmware.com/products/vsphere/features

cheese929 Most Recent 4 years, 3 months ago
Given answer is correct
upvoted 1 times

Raeisi1988 6 years, 4 months ago
D.Storage Policy Based Management
upvoted 1 times

Question #4 *Topic 1*

Which vSphere 6.x feature enables you to mitigate the effects of storage latency during peak load periods in a virtualized data center?

A. NFS

B. iSCSI

C. Storage I/O Control

D. Virtual SAN

Suggested Answer: *D*

cheese929 Most Recent 4 years, 3 months ago

Answer should be C. Refer to page 37 of the below link.

https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vmware-perfbest-practices-vsphere6-0-white-paper.pdf

upvoted 1 times

hchafloque 5 years, 6 months ago

Is virtual SAN a protocol?

upvoted 1 times

ant_man 5 years, 11 months ago

(C) SIOC https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/sioc-nfs-perf-vsphere5.pdf

upvoted 2 times

Medal01 6 years, 3 months ago

Should be C

upvoted 1 times

Raeisi1988 6 years, 4 months ago

D.Virtual SAN

upvoted 1 times

DSA 6 years, 5 months ago

Shouldn't that be SIOC (C)?!

upvoted 2 times

Question #5 *Topic 1*

What is the minimum number of virtual NICs that you can configure for a virtual machine?

A. Four

B. One

C. Zero

D. Two

Suggested Answer: *C*

Kuchtek Most Recent 5 years, 2 months ago

C. Zero - you don't need to have a network communication. No such requirement is present in the question

upvoted 1 times

nikita16 5 years, 4 months ago

NIC varies from minimum 1 to max 4 so answer is 1

upvoted 2 times

Sarala 5 years, 6 months ago

I think B answer is correct since minimum one NIC is required for network communication.....

upvoted 1 times

Magdy 5 years, 8 months ago

i think one to communicate with other VM

upvoted 1 times

Raeisi1988 6 years, 4 months ago

C.Zero

upvoted 1 times

Question #6 *Topic 1*

Why does iSCSI use hardware and software initiators?

A. To initiate connectivity to hardware and software components

B. To enable storage of data.

C. To obtain native support within ESXi.

D. To establish network connectivity.

Suggested Answer: *C*

Youssef1998 Most Recent 4 years, 4 months ago

yes the correct answer is A

upvoted 1 times

Kuchtek 5 years, 2 months ago

I also think A. Software initiators are built-in ESXi feature. Hardware initiators are implemented on hardware level.

upvoted 2 times

Sarala 5 years, 6 months ago

Anwer A is correct

upvoted 2 times

Raeisi1988 6 years, 4 months ago

C.To obtain native support within ESXi

upvoted 1 times

Question #7 *Topic 1*

An administrator is working in a bank that has a highly regulated, secure environment. The bank faces an increasing number of clients, and the administrator is finding II monitor the environment and report any changes.
Which VMware product can help provide a solution?

A. vSphere Hypervisor

B. vRealize Operations Manager

C. Air Watch

D. Virtual SAN

Suggested Answer: *B*

Raeisi1988 Most Recent 6 years, 4 months ago
B.vRealize Operations Manager
upvoted 1 times

Question #8 *Topic 1*

Which vSphere 6.x feature allocates available resources among the virtual machines based on pre-defined rules?

A. Storage vMotion

B. Dynamic Resource Scheduler

C. Distributed Power Management

D. vMotion

Suggested Answer: *B*
VMware DRS continuously monitors utilization across the resource pools and intelligently allocates available resources among virtual machines based on resource allocation rules that reflect business needs and priorities. Reference: https://www.vmware.com/pdf/vmware_drs_wp.pdf

Raeisi1988 Most Recent 6 years, 4 months ago
B.Dynamic Resource Scheduler
upvoted 1 times

Question #9 *Topic 1*

A network administrator wants reduce the network clutter in his infrastructure and decides to use virtual switches. How can virtual switches help reduce network clutter?

A. By troubleshooting and resolving all the network issues.

B. By reducing the number of physical machines.

C. By reducing the number of physical network cables plugged into hosts.

D. By reducing the virtual network traffic.

Suggested Answer: *C*
vSphere supports two main categories of virtual switches. It supports the standard switch and the distributed switch. Both switches help you reduce network clutter by reducing the number of physical network cables plugged into your ESXi hosts. Reference: http://webpages.uncc.edu/~smcleo12/teaching_portfolio_sterling_mcleod.pdf

Raeisi1988 Most Recent 6 years, 4 months ago
C.By reducing the number of physical network cables plugged into hosts
upvoted 1 times

Question #10 *Topic 1*

A consultant is meeting the COO of a new client to help the company consider implementing data center virtualization. The COO asks the consultant to explain the benefits of virtualization.
Which are three benefits of data center virtualization with vSphere 6.x? (Choose three.)

A. It supports automatic software integration.

B. It provides unlimited storage.

C. It delivers high application availability.

D. It helps reduce capital and operating expenditures.

E. It increases IT productivity.

Suggested Answer: *C, D, E*

Raeisi1988 Most Recent 6 years, 4 months ago

C.It delivers high application availability D.It helps reduce capital and operating expenditures E.It increase IT productivity

upvoted 1 times

Question #11 *Topic 1*

Under what two conditions does Distributed Power Management bring powered-off hosts back online? (Choose two.)

A. When power consumption increase.

B. At the pre-defined time.

C. M When an administrator adds another host to vCenter Server

D. When virtual machine requirements increase.

Suggested Answer: *B, D*
bring powered off hosts online once again to meet virtual machine requirements either at a pre-defined time or when it senses virtual machine requirements increasing. Reference: http://www.vmware.com/files/pdf/VMware-Distributed-Resource-Scheduler-DRS-DS-EN.pdf

Raeisi1988 Most Recent 6 years, 4 months ago
B.At the pre defined time D.When virtual machine requirements increase
upvoted 1 times

Question #12 *Topic 1*

A company has recently incurred financial loss, due to a crashed server that resulted in the loss of critical data.
Which two vSphere 6.x features should this company implement to protect against losing critical data due to physical server failure? (Choose two.)

A. Virtual Volumes

B. Enhanced vMotion Capability

C. High Availability

D. Fault Tolerance

Suggested Answer: *C, D*
VMware HA. The solution in this paper extends the high availability offered by VMware HA by using a feature called VMware Fault Tolerance, which protects mission-critical virtual machines (VMs) from downtime and data loss. Reference:
http://h20195.www2.hp.com/v2/getpdf.aspx/4aa0-4385enw.pdf

Raeisi1988 Most Recent 6 years, 4 months ago
C.High Availability
upvoted 1 times

Question #13 *Topic 1*

In what two situations would an administrator use Storage vMotion? (Choose two.)

A. To create new virtual machines in the host.

B. To bring powered-down hosts back online.

C. To select separate locations for the virtual machine disk files.

D. To migrate virtual machines from one datastore to another.

Suggested Answer: *C, D*

You can use vMotion to migrate virtual machines to a different host and datastore simultaneously. In addition, unlike Storage vMotion, which requires a single host to have access to both the source and destination datastore, you can migrate virtual machines across storage accessibility boundaries. Reference:http://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-561681D9-6511-44DF-B169- F20E6CA94944.html

Raeisi1988 Most Recent 6 years, 4 months ago

C.To select separate locations foe the virtual machine disk files D.To migrate virtual machines from one datastore to another

upvoted 1 times

Question #14 *Topic 1*

How does fault tolerance provide continuous availability?

A. By providing the availability required by most applications running in virtual machines, independent of the operating system and application running in it.

B. By using a feature called Changed Block Tracking (CBT), which backs up content.

C. By creating and maintaining a secondary virtual machine that is identical to primary machine.

D. By using the host as the medium to provide asynchronous replication of datastores.

Suggested Answer: *C*
VMware Fault Tolerance provides continuous availability for virtual machines by creating and maintaining a Secondary VM that is identical to, and continuously available to replace, the Primary VM in the event of a failover situation. Reference:http://pubs.vmware.com/vsphere-4-esx-vcenter/index.jsp?topic=/com.vmware.vsphere.availability.doc_41/c_plan_understand_ft.html

Raeisi1988 Most Recent 6 years, 4 months ago
C. By creating and maintaining a secondary virtual machine that is identical to primary machine
upvoted 1 times

Question #15 *Topic 1*

A network administrator notices that a few virtual machines run slowly every morning. To troubleshoot the issue the administrator needs to analyze the total traffic sent I virtual machines.
Which feature would the administrator use for troubleshooting?

A. Virtual LANs

B. Traffic Shaping

C. NetFlow

D. Port Mirroring

Suggested Answer: *D*
This feature is similar to the port mirroring capability available on the physical switches. Network administrators can use this feature to troubleshoot any network related issues in the virtual infrastructure and monitor virtual_machine-to-virtual_machine traffic that is flowing on the same ESXi host. Network administrators use network analyzer tool, which captures traffic, along with the port mirror feature to perform monitoring and troubleshooting activities. In the physical network, depending on where the analyzer or debug tool is placed in the network, network administrators choose different port mirroring options. The following are some of the standard port mirroring options available on physical switches. Reference:http://blogs.vmware.com/vsphere/2012/06/how-to-use-port-mirroring-feature-of-vds-for-monitoring-virtual-machine-traffic.html

Raeisi1988 Most Recent 6 years, 4 months ago
D. Port Mirroring
upvoted 1 times

Question #16 *Topic 1*

What does Storage DRS do to determine if a particular disk device is overburdened?

A. Powers down the storage device.

B. Monitors disk I/O latency on the shared storage devices.

C. Takes a count of virtual machines on the storage device.

D. Reads the data on the storage devices.

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

Raeisi1988 Most Recent 6 years, 4 months ago

B. Monitors disk I/O latency on the shared storage devices.

upvoted 1 times

Question #17 *Topic 1*

Which feature of vSphere networking restricts the inbound and outbound network bandwidth of a group of virtual machines?

A. Differentiated Services Code Point

B. NetFlow

C. Traffic Shaping

D. Port Mirroring

Suggested Answer: *C*
Traffic Shaping - Allows you to restrict the inbound and outbound network bandwidth of a group of virtual machines.
Reference:https://quizlet.com/35738634/vmware-data-center-virtualization-vca-dcv-flash-cards/

Raeisi1988 Most Recent 6 years, 4 months ago
C. Traffic Shaping
upvoted 1 times

Question #18 *Topic 1*

Which two features would an administrator use to1 migrate virtual machines across a WAN to another site? (Choose two.)

A. Storage vMotion

B. Long Distance vMotion

C. High Availability

D. Cross vSwitchvMotion

Suggested Answer: *A, B*
Reference: https://f5.com/resources/white-papers/enabling-long-distance-live-migration-with-f5-and-vmware-vmotion

Raeisi1988 Most Recent 6 years, 4 months ago

A. Storage vMotion B. Long Distance vMotion

upvoted 1 times

Question #19 *Topic 1*

What is the name of the logical volume that vSphere 6.x uses to store virtual machines files?

A. Virtual Volume

B. Datastore

C. Logical Unit Number (LUN)

D. Raw Device Mapping (RDM)

Suggested Answer: *B*

Raeisi1988 Most Recent 6 years, 4 months ago

B. Datastore

upvoted 1 times