VMware

Exam 1V0-601

VMware Certified Associate 6 – Data Center Virtualization Fundamentals Exam

Version: 7.0

[Total Questions: 50]

Question No : 1

Which datastore type can be extended to span several physical storage extents, including storage Area Network LUNs and local storage devices, in order to create a datastore that fits the needs of your virtual machines?

A. Virtual SAN
B. NFS
C. iSCSI
D. VMFS Datastores

Answer: D

Question No : 2

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

Answer: D

Explanation: I would like to clarify few things in this blog entry about the Port-mirroring feature that is available on vSphere Distributed Switch (VDS). 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

Question No : 3

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.

Answer: B,C,D

Question No : 4

VMware vSphere 6.x provides which three capabilities? (Choose three.)

A. Data center extension
B. Manage virtual machines with simple and intuitive tools
C. Perform live workload migrations
D. Zero data center clown time
E. Predictive analytics

Answer: B,C,E

Question No : 5

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.

Answer: C

Explanation: 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

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Question No : 6

Which statement about standard switches is true?

A. Performs Port Mirroring simultaneously for virtual machines in all port groups
B. Performs Port Mirroring for virtual machines in the same port group.
C. Bridges traffic between virtual machines in other port groups.
D. Bridges traffic internally between virtual machines in the same port group.

Answer: D

Explanation: A standard switch can bridge traffic internally between virtual machines in the same port group and link to external networks.

Reference:https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.networking.doc%2FGUID-350344DE-483A-42ED-B0E2-C811EE927D59.html

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Question No : 7

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

A. Four