VMware

2V0-622D Exam

VMware Data Center Virtualization Delta Exam

Version: 18.0

Question: 1

Which are two supported storage primitives for VAAI NAS? (Choose two.)

A. block zeroing
B. Reserve Space
C. hardware assisted locking
D. Full File Clone

Answer: AC

Question: 2

Which two choices are applicable to vSphere Availability? (Choose two.)

A. Admission Control
B. Heartbeat Datastores
C. VM Startup/Shutdown
D. Power Management

Answer: AB

Question: 3

What are three considerations when booting ESXihost from SAN using software FCoE? (Choose three.)

A. The VMware_FCoE_vSwitch that the installer automatically created cannot be changed.
B. Boot LUN cannot be shared with other hosts even on shared storage.
C. Multipathing is not supported at pre-boot.
D. Software FCoE boot configuration cannot be changed from within ESXi

Answer: BCD

https://kb.vmware.com/s/article/2032363

Question: 4

Which two statements correctly describe VM-VM affinity rules? (Choose two.)

A. vSphere DRS attempts to keep the virtual machines together on the same ESXi host.
B. When two VM-VM affinity rules conflict, the older one takes precedence and the newer rule is disabled.
C. vSphere DRS attempts to keep the virtual machines on separate ESXi hosts.
D. When two VM-VM affinity rules conflict, the newer one takes precedence and the older rule is disabled.

Answer: AB

Question: 5

Which port is used for vSphere HA agent-to-agent communication?

A. 902
B. 443
C. 8182
D. 22

Answer: C

Question: 6

In which scenario will vSphere DRS balance resources when set to Fully Automated?

A. Hosts with shared or non-shared storage
B. Hosts with only shared storage
C. Hosts are part of a vSphere HA cluster
D. Power Management is set to Balanced on hosts

Answer: B

Question: 7

The Health Check feature in the vSphere Distributed Switch helps troubleshoot network connectivity. What three checks does this feature perform? (Choose three.)

A. Network Utilization
B. MTU
C. VLAN
D. Teaming and Failover

Answer: BCD

https://kb.vmware.com/s/article/2032878

Question: 8

An administrator must collect diagnostic information following a failed ESXi host upgrade. Which command should the administrator run?

A. vm-support
B. Get-Esxtop
C. vicfg-syslog
D. esxtop -R vm-support_dir_path

Answer: A

Question: 9

An ESXi host's VMCA-Signed certificate has expired. How can the certificate be renewed?

A. In the vSphere Web Client, browse to the host in question. Click the Manage tab and select settings. Select System and click Certificate, then click the Renew button.
B. In the vSphere Web Client, browse to the host in question. Click the Manage tab and select settings. Select System and click Certificate, then click the Refresh CA Certificates button.
C. Run the command /sbin/generate-certificates on the affected host.
D. Disconnect the host from vCenter Server and reconnect it.

Answer: D

Explanation:
You can renew your certificates when they are about to expire, or if you want to provision the host with a new certificate for other reasons. If the certificate is already expired, you must disconnect the host and reconnect it.

Question: 10

Which is the correct order for upgrading vSphere components?

A. vCenter Server, ESXi hosts, VMware Tools, Virtual Machine hardware
B. VMware Tools, Virtual Machine hardware, ESXi hosts, vCenter Server
C. vCenter Server, Virtual Machine hardware, VMware tools, ESXi hosts
D. ESXi hosts, vCenter Server, Virtual Machine hardware, VMware Tools

Answer: A

Explanation:
Correct order is:
1 Back up your configuration
2 Upgrade vCenter Server
3 Upgrade ESXi hosts
4 Upgrade virtual machines and virtual appliances

Question: 11

Which two datastore types are supported by Storage I/O Control v2? (Choose two.)

A. vSAN
B. RDM
C. NFS
D. Virtual Volumes
E. VMFS

Answer: C, E

Question: 12

Which iSCSI initiator type can be used with any network interface card?

A. Software iSCSI initiator
B. Software FCoE adapter
C. Hardware Independent iSCSI initiator
D. Hardware Dependent iSCSI initiator

Answer: A

Explanation:
A software iSCSI adapter is a VMware code built into the VMkernel. It allows your host to connect to the iSCSI storage device through standard network adapters. The software iSCSI adapter handles iSCSI processing while communicating with the network adapter. With the software iSCSI adapter, you can use iSCSI technology without purchasing specialized hardware.

Question: 13

An administrator is attempting to power on a virtual machine with 32GB of memory. The operation fails with the following error:
Could not power on VM: No space left on device
Checking the space on the virtual machine's datastore, there is 30GB free.
Which action would allow the VM to power on?

A. Set a 2GB memory reservation on the VM.
B. Mount the virtual disk from the affected VM on to another virtual machine and free up space from within the OS.
C. Enable vSphere HD admission control on the cluster in which the VM resides.
D. Set a 2GB memory limit on the VM.

Answer: A

Explanation:

The swap file size can be calculated with the formula (.vswp File = Allocated Memory - Memory Reservation).
As per default, the reservation is set to 0, so the .vswp file size is equal to the amount of virtual memory.

Question: 14

When using "Cluster resource percentage" for host failover capacity in vSphere HA Admission Control, the total resource requirements are calculated from which two values? (Choose two.)

A. Total vCPUs assigned to each VM.
B. Average CPU usage on each VM over time.
C. Memory reservations on each VM.
D. Total memory assigned to each VM.
E. Average active memory on each VM over time.
F. CPU reservations on each VM.

Answer: C,F

Question: 15

Which are four attributes of the Active vCenter HA node? (Choose four.)

A. It uses the vCenter HA network to communicate with the Witness node.
B. It constantly replicates vPostgres data with the Witness node.
C. It uses a public IP address for the management interface.
D. It runs the active vCenter Server Appliance instance.
E. It uses the vCenter HA network for replication of data.
F. It provides a quorum to protect against split-brain situations.

Answer: A, C, D, E

Explanation:

Active
- Runs the active vCenter Server Appliance instance
- Uses a public IP address for the management interface
- Uses the vCenter HA network for replication of data to the Passive node
- Uses the vCenter HA network to communicate with the Witness node

Question: 16

Which are two vCenter Server two-factor authentication methods? (Choose two.)

A. RSA SecurID

B. Smart Card
C. SAML
D. Symantec VIP

Answer: A, B

Question: 17

An administrator is creating VMkernel adapters on an ESXi 6.5 host and wants to create separate VMkernel adapters for every type of traffic in the default TCP/IP stack.
Which three types of traffic can be explicitly enabled on a separate VMkernel adapter? (Choose three.)

A. Virtual SAN traffic
B. NFS traffic
C. vMotion traffic
D. vSphere HA traffic
E. Fault Tolerance logging traffic

Answer: A, C, E

Explanation:

Available services

Enabled services:

☐ vMotion
☐ Provisioning
☐ Fault Tolerance logging
☐ Management
☐ vSphere Replication
☐ vSphere Replication NFC
☐ vSAN

Question: 18

When migrating a Windows vCenter Server 6.0 to the vCenter Server Appliance 6.5, which two will be migrated by default? (Choose two.)

A. Local Windows OS users and groups
B. Configuration

C. Custom ports
D. FQDN
E. Historical and Performance data

Answer: B, D

Explanation:
Not correct:
A) Local Windows OS users and groups are not migrated to the Photon OS of the vCenter Server Appliance 6.5.
C) Migration of deployments that use custom ports for services other than Auto Deploy, Update Manager, and vSphere ESXi Dump Collector are not supported.
E) By default, the configuration and inventory data of the Windows vCenter Server is migrated. The option to copy historical and performance data is also available.

Question: 19

A domain user is able to successfully log into the vSphere Web Client, but notices that the vCenter Server system does not appear in the inventory.
Which is the cause of this situation?

A. The Service Control Agent service is not running.
B. The vCenter Server does not have any hosts added to inventory yet.
C. The domain user has read-only permissions on vCenter Server.
D. The domain user does not have vCenter Server permissions.

Answer: D

Explanation:
The vCenter Server system will not appear in the inventory if you do not have permissions on it. For example, if you log in as the vCenter Single Sign On administrator user, you might not have permissions on any vCenter Server system.

Question: 20

An administrator attempts to manually reclaim space on thin-provisioned VMFS6 volumes but finds that no additional space is being recovered.
Which could be causing this?

A. vSphere 6.5 does not support manual UNMAP.
B. The manual UNMAP operation has been moved to the vSphere web client.
C. The VASA version is use is incompatible.
D. UNMAP is automated for VMFS6.

Answer: D

Explanation:

The additional space is not recovered because UNMAP is automated for VMFS 6. To get additional space recovered using the manual reclaim process, you need to remove UMAP from being automated for VMFS 6.

Question: 21

An administrator has upgraded to vSphere 6.5 and also wants to use Kerberos authentication for NFS. Which can be done to the existing NFSv3 volumes to enable this feature?

A. Perform a storage rescan on VMFS volumes.
B. Unmount the NFSv3 datastore, and then mount as NFSv4.1 datastore.
C. Nothing. All NFSv3 mounted datastores are upgraded automatically during vSphere upgrades.
D. Perform a scan of new storage devices.

Answer: B

Explanation:
vSphere does not support automatic datastore conversions from NFS version 3 to NFS 4.1. If you want to upgrade your NFS 3 datastore, the following options are available:

Question: 22

An administrator wants to restore the vCenter Server Appliance 6.5 from backup.
Where can this be accomplished?

A. from the ESXi Host Client
B. from the VMware vSphere Appliance Management Interface
C. from within the VMware vSphere Web Client
D. from the vCenter Server Appliance Installer

Answer: D

Question: 23

The administrator wants to power on VM-K2, which has a 2GHz CPU reservation. VM-M1, VM-M2, and VM-K1 are all powered on. VM-K2 is not powered on.
The exhibit shows the parent and child resource reservations.
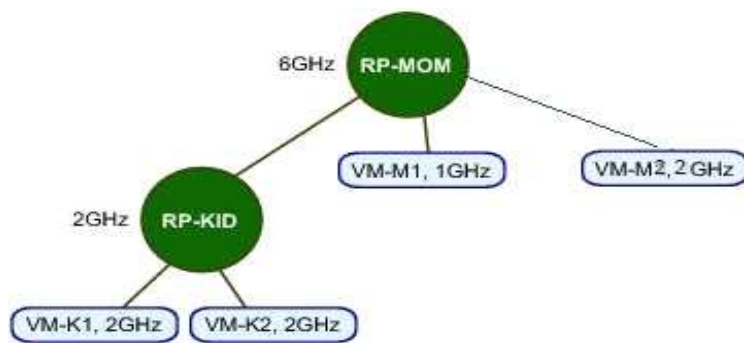
If Resource Pool RP-KID is configured with an expandable reservation, which statement is true?

A. VM-K2 will be unable to power on because there are insufficient resources.
B. VM-K2 will be able to power on since resource pool RP-KID has 2GHz available.
C. VM-K2 will be unable to power on because only 2GHz are reserved for RP-KID.
D. VM-K2 will receive resource priority and will be able to power on this scenario.

Answer: A

Question: 24

Which is the predefined user name when publishing a Content Library?

A. admin
B. root
C. administrator
D. vcsp

Answer: D

Question: 25

Which three types of Content Libraries exist within vSphere 6.5? (Choose three.)

A. Remote Content Library
B. Published Content Library
C. Local Content Library
D. Shared Content Library
E. Subscribed Content Library

Answer: B, C, E

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