2V0-21.19D

Website: https://vceplus.com
VCE to PDF Converter: https://vceplus.com/vce-to-pdf/
Facebook: https://www.facebook.com/VCE.For.All.VN/
Twitter : https://twitter.com/VCE_Plus

https://www.vceplus.com/

Professional vSphere 6.7 Delta Exam 2019

Exam A

QUESTION 1

A vSphere Administrator has multiple virtual machines running on a VMFS datastore.
Which option prioritizes the disk access for the virtual machines?

A. Disk Shares
B. Disk Mode
C. Disk Type
D. Hard Disk

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
What should be installed on a VM to assist with VM-to-host time synchronization?

A. VMware Tools
B. vRA guest agent
C. vROps agent
D. Guest Operations Manager

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

Reference: https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.vm_admin.doc/GUID-C0D8326A-B6E7-4E61-8470-6C173FDDF656.html

QUESTION 3

An administrator runs a vSphere cluster containing database VMs with extremely heavy disk I/O. Database VMs are placed on a costly all-flash array. The workloads are not memory intensive.

How can the administrator ensure the most cost-effective utilization of the all-flash storage array?

A. Enable Storage I/O Control on the flash datastores.
B. Install VMware Tools on the database VMs to ensure the hypervisor can receive I/O metrics.
C. Use a VM-to-Host affinity rule to ensure database VMs are prioritized.
D. Edit the cluster settings to place the virtual machine swap file on a different storage tier.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-2D749168-6BEE-4218-B95688980CE6AA9E.html

QUESTION 4

What is a benefit of using resource pools?

A. Increased visibility of user activity
B. Increased vMotion efficiency for a set of VMs
C. Increased accuracy for proactive resources for a set of VMs
D. Increased ease of reserving resources for a set of VMs

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5

This error is generated when a vSphere administrator takes a VM snapshot:
`An error occurred while taking a snapshot: Failed to quiesce the virtual machine`

What should the administrator investigate to determine the cause of the failure?

A. Check if the virtual machine is already running on snapshots.
B. Check if the virtual machine is in suspended state.
C. Check if VMware Tools is installed on virtual machine.
D. Check if the virtual machine has an ISO mounted.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 6
For security reasons the VMware vSphere Update Manager (VUM) has no Internet access.
What can be used to provide a central shared repository in a DMZ?

A. VMware vSphere Update Manager Download Service
B. vSphere Authentication Proxy
C. VMware content library
D. vCenter Server Appliance

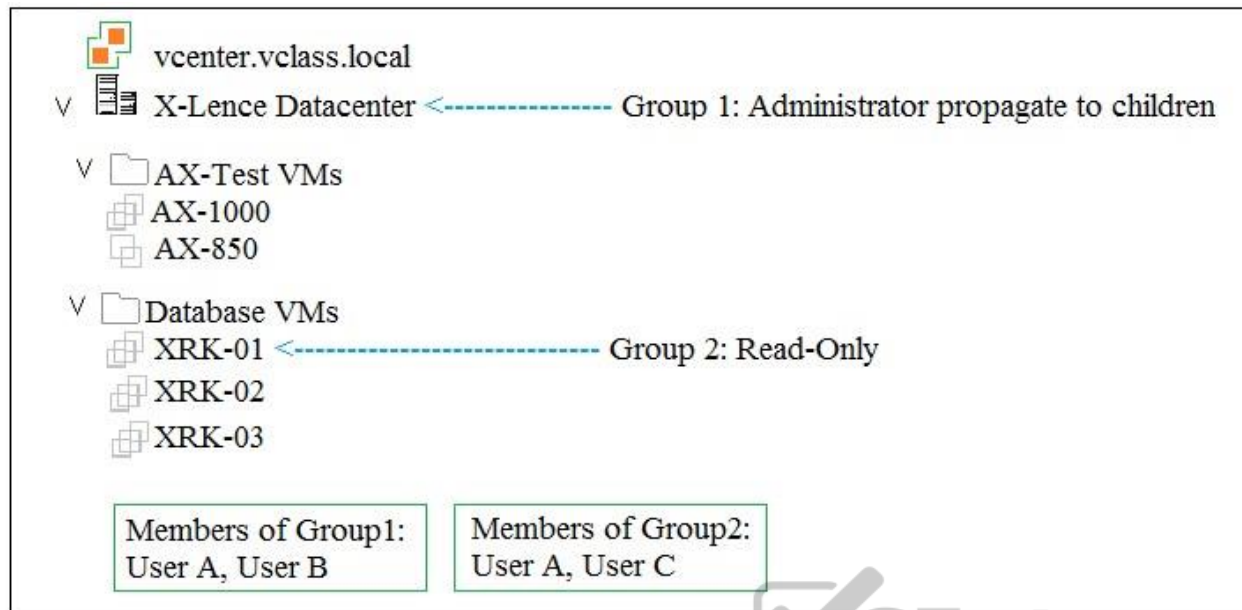**Correct Answer:** A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://kb.vmware.com/s/article/1004455

QUESTION 7
Which two tasks are allowed in the X-Lence data center? (Choose two.)

```
        vcenter.vclass.local
v       X-Lence Datacenter <---------------- Group 1: Administrator propagate to children
  v     AX-Test VMs
          AX-1000
          AX-850

  v     Database VMs
          XRK-01 <------------------------ Group 2: Read-Only
          XRK-02
          XRK-03
```

Members of Group1:	Members of Group2:
User A, User B	User A, User C

A. User C can convert AX-850 to VM.
B. User B can delete from disk XRK-01.
C. User A can take a snapshot on XRK-01.
D. User A can take a snapshot on AX-1000.
E. User C can view configuration of AX-1000.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 8
What are two components of a VM-Host affinity rule? (Choose two.)

A. Host Group

B. Cluster settings
C. VM restart priority
D. VM restart action
E. VM Group

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:
Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-2FB90EF5-7733-4095-8B66F10D6C57B820.html

QUESTION 9
What does ESXi Autoconfiguration do?

A. sets up host profiles
B. configures system network and storage devices
C. determines the number of hosts to be deployed
D. configures Auto Deploy

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc%2FGUID-3A409297-517E-4E7D-99D0DE41386911B3.html

QUESTION 10
Which vSphere feature is designed to distribute space usage and I/O load across multiple datastores?

A. Storage Policies
B. vStorage API for Array Integration
C. Storage I/O Control
D. vSphere Storage DRS

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:

QUESTION 11

An administrator suspects poor VM performance. The administrator runs `esxtop` and sees the following output from the CPU and memory screens:

```
6:48:19pm up 4:22, 528 worlds, 8 VMs, 16 vCPUs, CPU load average: 0.26, 0.36, 0.16
VMKMEM/MB: 8151 managed: 407 minfree, 3055 rsvd, 5095 ursvd, high state
```

What can the administrator conclude from this output?

A. The host has too many worlds running.
B. The host is ballooning.
C. The host has adequate memory.
D. The host is under CPU pressure.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12

Which two VMware solutions track and analyze the operation of multiple data sources? (Choose two.)

A. vRealize Log Insight
B. vRealize Operations Manager
C. vRealize Life Cycle Manager
D. vRealize Automation
E. vRealize Orchestrator

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/vRealize-Suite/7.0/com.vmware.vrealizesuite.overview.doc/GUID-A15F2F4D-108B-4C44-BCF7-FCB4EC76BCBE.html

QUESTION 13
A vSphere administrator is performing a greenfield vSphere deployment with these requirements:

▪ vCenter Server sized for 100 ESXi hosts and 1000 virtual machines
▪ Each ESXi Host with 512 LUNs and 2048 paths mapped from Dell EMC XtremIO Storage Array

Which vCenter Server Appliance deployment size meets requirements?

A. Large
B. Tiny
C. Medium
D. Small

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14
What is used by a VM for direct access to a LUN?

A. vSAN
B. RDM
C. NVMe
D. ext3

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-D06EC5D3-FCE6-4E07-89670D146A12FEA0.html

QUESTION 15
A vSphere administrator uses a Dedicated Failover Hosts Admission Control Policy in a cluster. An ESXi host fails and vSphere HA attempts to restart the VMs onto the dedicated failover hosts. The hosts have insufficient resources.
What happens to the VMs?

A. vSphere HA restarts VMs in another cluster.
B. vSphere HA suspends the VMs until a host is available.
C. vSphere HA powers down the VMs.
D. vSphere HA attempts to restart the VMs on other hosts in the cluster.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-C4F5F9EE-4235-4151-BEBEFCB2A752407B.html

QUESTION 16
A VSS is configured with two uplinks and assigned a load balancing policy route based on a virtual port ID.
What are two potential disadvantages of this configuration? (Choose two.)

A. A VM with a single MAC address is limited to the speed of the uplink associated with the relevant port ID.
B. Higher resource consumption compared to other load balancing algorithms will occur.
C. The virtual switch is unaware of uplink load and uplinks might become overloaded.
D. The NIC with less load is more likely to be chosen if port IDs match.
E. ESXi will use NIOC to attempt to mitigate network congestion when an uplink becomes saturated.

Correct Answer: AC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.networking.doc/GUID-A4F1BF4B-8199-45A1-9578-1E4B6B08DAB0.html

QUESTION 17
Which feature allows a vSphere administrator to reduce power consumption on a cluster?

A. WOL
B. BMC
C. DPM
D. DNS

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18
An administrator manages a cluster containing Production and Test VMs. Production VMs run on a VSS port group and a storage array separate from the Test VMs. The administrator wants to prevent large (>500GB) file transfers in Test from impacting Production. Which two configuration changes should the administrator make to achieve this? (Choose two.)

A. Migrate the VSS port groups to VDS port groups.
B. Install a second virtual NIC in the Production VMs.
C. Move the Production VMs to a resource pool with a memory reservation.
D. Enable the Test VMs to a dedicated folder with CPU shares set to low.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 19

A vSphere administrator has the privilege Content library > Add library item on the vCenter object, but is unable to add items to a local content library.
How would the vSphere administrator correct this?

A. Remove the No Access role on the vCenter object.
B. Restart the Content Library Service.
C. Assign the privilege to the global root object.
D. Reboot the vCenter Server Appliance.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20

An administrator is elevating the security posture of a vSphere environment after a recent data breach. All VMs will be encrypted as part of this plan.
Which additional component is required for the encryption?

A. KMS server
B. two-factor authentication
C. encrypted vSphere vMotion
D. vSAN encryption

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21

Which file extension can export host customization for host profiles?

A. .xls
B. .xml
C. .csv

D. .json

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.hostprofiles.doc/GUID-2E7398E2-1CF2-4448-96A3-1371B10936B1.html
QUESTION 22
What could cause a high %RDY value?

A. Incompatible network driver
B. memory fully allocated
C. too many vCPUs configured
D. disk latency greater than 2ms

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 23
Using vSphere HA Orchestrated Restart an administrator places the most mission critical VM in the highest priority. After a host failure, the highest priority VM fails to restart while VMs in high priority restart. What would cause this to occur?

A. There are insufficient cluster resources.
B. Performance degradation VMs tolerate threshold is at default.
C. VMware Tools is not installed.
D. Proactive HA is disabled.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24
A cluster contains database VMs which have low utilization, except during a weekly data load that causes extremely high utilization.
As DRS balances the VM load, there is an extended period of slow performance.
Which two actions could be taken to reduce the impact of the recurring data load? (Choose two.)

A. Increase the number of vCPUs on the database VMs.
B. Enable VMware vRealize Operations Manager Integration with VMware vCenter.
C. Enable Proactive HA on the cluster.
D. Enable Predictive DRS on the cluster.
E. Increase the RAM allocated to the database VMs.

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://vspherecentral.vmware.com/t/resource-management-and-availability/vsphere-resources-and-availability/predictive-drs/

QUESTION 25
A vSphere Administrator configures Quick Boot to restart an ESXi host without rebooting the physical hardware.
In order to troubleshoot any ESXi Quick Boot issues which log file needs to be reviewed?]

A. vmkeventd.log
B. vmkernel.log
C. vpxa.log
D. loadESX.log

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26
An administrator decides to implement vSphere networking using the VDS.
Which binding option should the administrator use to manage the VMs if vCenter becomes unavailable?

A. static
B. port
C. ephemeral
D. dynamic

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:
Reference: https://kb.vmware.com/s/article/1022312

QUESTION 27
A vSphere administrator discovers the size of the .vswp file for a VM with 2 vCPUs and 4GB of memory is zero.
What could be the cause?

A. All VM memory is reserved.
B. Memory reservation is not set.
C. VM is running on a snapshot.
D. VM is in a suspended state.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Explanation: swap file = configured memory –
memory reservation

QUESTION 28
Which action should be taken to secure ISCSI devices in a vSphere environment?

A. Require Secure Remote Protocol.
B. Require ESXi hosts to use ISCSI port binding.
C. Require vCenter Enhanced Linked Mode.
D. Require ESXi hosts to authentication to the target.

Correct Answer: D

Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-DFC745FB-CDD6-4828-8948-4D0E0561EEF8.html

QUESTION 29
A vSphere administrator has renamed the inventory name of a virtual machine.
Which task should the administrator perform to ensure the virtual machine files are also renamed to match the new virtual machine name?

A. Take a virtual machine snapshot.
B. Unregister and register the virtual machine in vCenter Server.
C. Migrate the machine to another host with vSphere vMotion.
D. Migrate the machine to another datastore with Storage vMotion.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://kb.vmware.com/s/article/1029513

QUESTION 30
An administrator needs to identify where the VM encryption settings are stored.
Which file stores the encryption setting?

https://www.vceplus.com/

A. .vmdk
B. vmsd
C. .nvram

D. .vmx

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31
In a vSphere HA enabled cluster, what happens if the master host is unable to communicate with a slave host over the management network?

A. The host is dropped from the cluster.
B. The master host uses datastore heartbeating.
C. A new master host is elected.
D. VM are rebooted by vSphere HA.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-B9ACCE9B-A14D-4B2F-87EF4B0A67ABDF58.html

QUESTION 32
Where is vCenter SSO configured?

A. In the service console
B. In the DCUI
C. In the vSphere client
D. In the host client

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 33
Which VM storage policy rule category ensures all VMs for a department are on the same datastore?

A. Capability
B. Data Service
C. Host
D. Tag

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
QUESTION 34
A vSphere administrator has configured software ISCSI port binding in the environment with two VMkernel ports and four target portals.
How many ISCSI sessions would be created from bound ports to targets?

A. 2
B. 4
C. 8
D. 16

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
A vSphere administrator is required to join all strategies ESXi hosts to an Active Directory domain for enhanced security.
Which utility would accomplish this?

A. Unified Access Gateway
B. vSphere Update Manager
C. vSphere Authentication Proxy

D. vSphere Auto Deploy

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
An administrator runs multiple clusters spread across multiple vCenters. The administrator needs to be able to migrate any VM to any cluster.
On which two vCenter Server objects could the administrator configure EVC mode to fulfill this requirement? (Choose two.)

A. VM
B. resource pool
C. datacenter
D. cluster
E. folder

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37
What should be installed on a VM to enhance performance and enable additional features?

A. RAMmap
B. PsInfo
C. Process Monitor
D. VMware Tools

Correct Answer: D
Section: (none)
Explanation

QUESTION 38
An encrypted VM needs to be migrated from New York to London. This particular VM houses sensitive information that needs to be encrypted during transit.
What must be done to ensure Long Distance vMotion traffic is encrypted in flight?

A. Encryption must be handled at the physical network layer.
B. vSphere vMotion uses encryption when migrating encrypted virtual machines.
C. Long-Distance vSphere vMotion does not support encryption.
D. Select encryption in the transit option.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.vcenterhost.doc/GUID-6865D84A-C286-49C4-A4D4-D62145150242.html

QUESTION 39
An administrator wants to enable vCenter High Availability (vCenter HA) for a VMware vCenter Server Appliance (vCSA). The environment consists of the following:

▪ 50ms of latency between sites ▪
vCSA deployment size is small
▪ 3 hosts in the cluster hosting vCenter

What must the administrator do to enable vCenter HA?

A. Add one host to reach the minimum requirement of 4 hosts.
B. Deploy Windows vCenter because vCenter HA is not supported on vCSA.
C. Deploy a vCSA of size medium or larger.
D. Decrease network latency to 10ms or lower.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://kb.vmware.com/s/article/2148442

QUESTION 40
Which snapshot file is created on VMFS6?

A. # # # # # #.vmdk
B. # # # # # # - delta.vmdk
C. # # # # # # - sesparse.vmdk
D. Snapshot#.vmem

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.storage.doc/GUID-88E5A594-DEBC-4662-812F-EA421591C70F.html

QUESTION 41
Which two software packages are included in vCenter Server Appliance? (Choose two.)

A. vSphere Update Manager extension
B. PostgreSQL database
C. vSphere Data Protection extension
D. vSphere Replication extension
E. AppDefense extension

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42
What are two requirements to implement vTPM in a vSphere environment? (Choose two.)

A. select EFI firmware for VM
B. enable TPM on ESXi host

C. enable UEFI Secure Boot

D. use VM hardware version 14

E. disable Quick Boot

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.virtualizationhowto.com/2018/11/securing-vmware-virtual-machines-with-encryption-vbs-and-vtpm/

QUESTION 43
Which action should be taken to ensure vSphere Update Manager (VUM) is available?

A. Download VUM from myVMware.

B. Consider Windows based vCenter for compatibility.

C. Enable VUM in the vSphere Client.

D. Install VCSA.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Which VMware solution provides integrated cloud infrastructure and cloud management services for VMware Cloud on AWS?

A. VMware vCloud Director

B. VMware Cloud Foundation

C. VMware Cloud Automation Center

D. VMware vCloud Connector

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
What is a requirement when installing ESXi 6.7?

A. NX/XD bit enabled for the CPU in the BIOS
B. minimum of 8GB of physical RAM
C. datastore for scratch partition
D. minimum of four CPU cores

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.esxi.install.doc/GUID-DEB8086A-306B-4239-BF76-E354679202FC.html

https://www.vceplus.com/