

2V0-21.19.32q

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Professional vSphere 6.7 Exam 2019

Exam A

QUESTION 1

A vSphere administrator is working in a high security environment. The administrator wants to ensure unencrypted VMs can be migrated securely.



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What should the vSphere administrator use to meet this requirement?

- A. vTPM
- B. UEFI Secure Boot
- C. KMS Server
- D. encrypted vSphere vMotion

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

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

QUESTION 2

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)

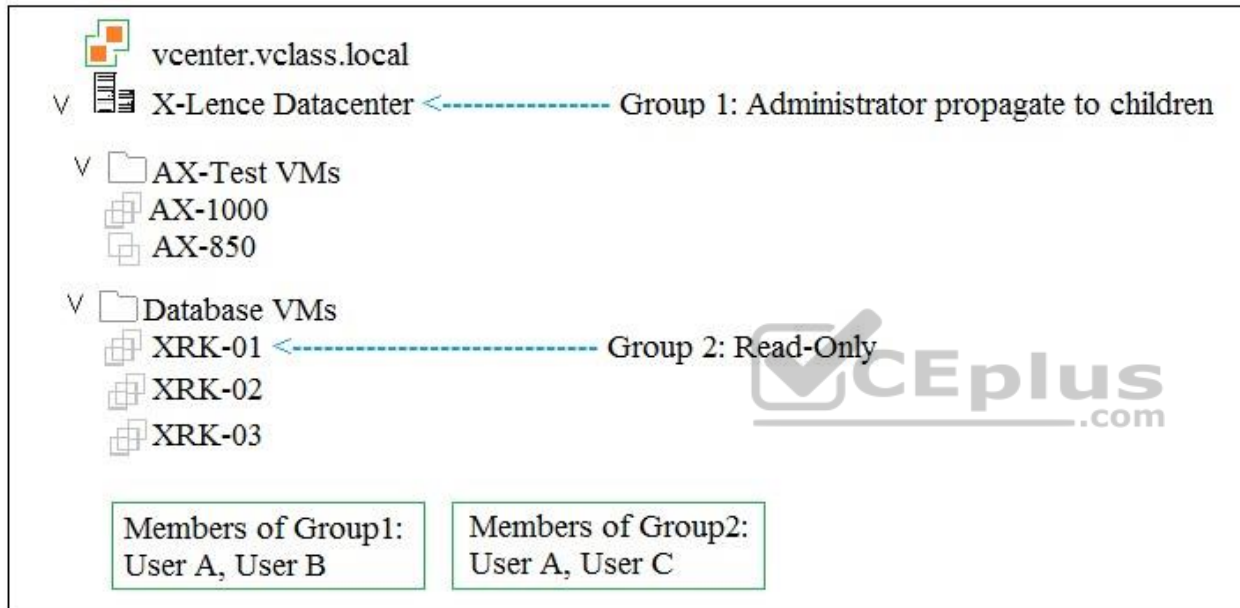
Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1004455>

QUESTION 3

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



- 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 4

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 5

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 6

Which teaming and failover policy offers the lowest latency when a failover or a migration with vSphere vMotion occurs?

- A. Network failure detection
- B. Fallback
- C. Notify switches
- D. Load balancing

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.networking.doc/GUID-4D97C749-1FFD-403D-B2AE-0CD0F1C70E2B.html>

QUESTION 7

Which two features should an administrator use to protect a VMware vCenter Server Appliance from host and hardware failures? (Choose two.)

- A. VMware Distributed Power Management
- B. vCenter High Availability
- C. vSphere High Availability
- D. vSphere Fault Tolerance
- E. VMware vSphere Distributed Resource Scheduler



Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

Which DCUI option determines the time frame an administrator has to log in to the ESXi Shell after enabling the service?

- A. Idle Timeout
- B. Availability Timeout
- C. Enable SSH
- D. Enable ESXi Shell

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.security.doc/GUID-6E1ECA4D-B617-4D42-B40B71E4C83DEEFB.html#GUID-6E1ECA4D-B617-4D42-B40B-71E4C83DEEFB>

QUESTION 9

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 10

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 11

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 12

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 13

Which migration technique could be used to move a VM between vCenters while the VM is powered on?

- A. Suspended
- B. Shared-nothing vSphere vMotion
- C. Cold
- D. Storage vMotion

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vcenterhost.doc/GUID-FE2B516E-7366-4978-B75C-64BF0AC676EB.html>

QUESTION 14

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 15

Which permission should be granted to a user with Administrator permission and with no access to the encrypted VM console?

- A. New role with no Cryptographic Operations
- B. Administrator role and Read Only Role
- C. Administrator role

D. No Cryptography Administrator role

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-17568345-E59E-43A8-A811-92F8BE9C7719.html#GUID-17568345-E59E-43A8-A811-92F8BE9C7719>

QUESTION 16

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 17

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 18

Which file extension can export host customization for host profiles?



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- 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 19

A vSphere administrator notices performance issues with the vCenter Server Appliance. The CPU usage is over 70%.

Which two actions should the administrator take to investigate the performance issues? (Choose two.)

- A. Verify if all hosts are in a connected state.
- B. Use esxtop to identify which process are using high CPU.
- C. Use vimtop to identify which processes are using high CPU.
- D. Check the vCenter HA configuration.
- E. Check if vCenter Server is swapping.

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A vSphere Administrator is receiving complaints a database VM is experiencing performance issues. The VM is a member of the high priority resource pool and the cluster has not experienced contention.

Which condition should be checked to address immediate performance concerns?

- A. VM snapshots
- B. VMFS version
- C. Resource Pool share value
- D. Configured CPU shares

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



QUESTION 21

A vSphere Administrator wants to move a vCenter Server with an external Platform Services Controller from one SSO domain to another SSO domain.

Which option in cmsso-util will achieve this?

- A. domain-repoint
- B. reconfigure
- C. unregister
- D. repoint

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vcenter.install.doc/GUID-6994BBFF-D774-4D83-B694-6595E06569AC.html>

QUESTION 22

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 23

A vSphere administrator wants to enable Proactive HA in a vSphere cluster.

What is required to use this feature?

- A. vROps must be installed.
- B. DRS must be enabled.
- C. DCUI must be enabled.
- D. VCHA must be configured.



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A vSphere administrator is trying to create a resource pool but the option is grayed out.

What must be enabled before creating a resource pool?

- A. DRS
- B. Storage DRS

- C. EVC
- D. HA

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1004098>

QUESTION 25

An administrator is concerned about the amount of time the IT team takes to create multiple VLANs in a very dynamic vSphere environment. The environment has these parameters:

- All virtual networking utilizes vSphere Standard Switches with uplinks to a Cisco Infrastructure
- Activities require 5-10 VLANs being created or removed every couple of days ▪

The IT team has three members

How can the administrator centralize the virtual networking configuration so the IT team utilizes time more efficiently?

- A. Deploy a vRealize Orchestrator (vRO) appliance.
- B. Create and use a vSphere Distributed Switch (VDS).
- C. Enable and configure Storage I/O Control (SIOC).
- D. Enable and configure vSphere Network I/O Control (NIOC).

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

Which vSphere APIs support storage hardware acceleration?

- A. vSphere APIs for Storage Awareness (VASA)
- B. vSphere APIs for I/O Filtering (VAIO)
- C. VMware vStorage APIs for Data Protection (VADP)

D. VMware vSphere Storage APIs Array Integration (VAAI)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-F0FA0117-D48F-4F6F-BE3F-A06BF26F742C.html>

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?

- A. .vmdk
- B. vmsd
- C. .nvram
- D. .vmx

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

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:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-A2A90265-4A6B-4E23-9681-97B867E55457.html>

QUESTION 32

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:



<https://www.vceplus.com/>