

# VMware

## Exam Questions 2V0-21.20PSE

Professional VMware vSphere 7.x



#### NEW QUESTION 1

Which feature can an administrator use for site availability with minimal effort and a low recovery point objective (RPO)? (Choose the best answer.)

- A. vSphere vMotion
- B. vSphere High Availability
- C. vSphere Replication
- D. vSphere Fault Tolerance

**Answer:** C

#### NEW QUESTION 2

An administrator is running a variety of vSphere 6.5 cluster configurations and is tasked with upgrading to vSphere 7.0. Which two conditions could cause potential conflicts or outages to the virtual machines (VMs)? (Choose two.)

- A. The use of a Windows vCenter Server system
- B. Datastores attached to the hosts based on VMFS3
- C. The upgrade of a vSphere Distributed Switch with VMs attached
- D. The upgrade of an external platform services controller
- E. The use of third-party custom vSphere Installation Bundles (VIBs) installed on the ESXi hosts

**Answer:** CE

#### Explanation:

[https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vmfs-5\\_upgrade\\_consideratio](https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vmfs-5_upgrade_consideratio)

#### NEW QUESTION 3

A company has one corporate datacenter (C1) and one regional datacenter (R1). There is a vCenter Server in each location. An administrator wants a central library available to C1 and R1 for all templates and ISO images.

Which two steps must the administrator take to configure the content library feature to meet this requirement? (Choose two.)

- A. Create a published content library on C1.
- B. Create a local content library on R1.
- C. Create a local content library on C1.
- D. Create a subscribed content library on C1.
- E. Create a subscribed content library on R1.

**Answer:** AE

#### NEW QUESTION 4

A development team has a recurring need to rapidly replicate hundreds of virtual machines (VMs) for load testing. Which method should the team use to deploy the VMs? (Choose the best answer.)

- A. Linked clones from a content library
- B. Instant clones using the vSphere API
- C. Full clones using vSphere Auto Deploy
- D. Full clones from a template

**Answer:** C

#### NEW QUESTION 5

There are two vSphere clusters in a company environment. One cluster is hosting development workloads and another is hosting production workloads. Both vSphere clusters are managed by the same vCenter Server.

The application team would like to move a new virtual machine from the development to production cluster with no downtime.

Which feature would allow non-disruptive movement between these two clusters? (Choose the best answer.)

- A. Cross vCenter Migration
- B. vSphere High Availability
- C. vSphere vMotion
- D. vSphere Replication

**Answer:** C

#### NEW QUESTION 6

Refer to the exhibit.



Which two statements are true regarding the state of the virtual machine (VM) if an administrator clicks the “Delete All” option? (Choose two.)

- A. The VM state will match Snap-C.
- B. No snapshots will remain on the VM.
- C. Snap-A will be intact on the VM.
- D. The VM state will match Snap-B
- E. The VM state will match Snap-A.

Answer: BD

Explanation:

[https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm\\_admin.doc/GUID-542CF191-B8D](https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vm_admin.doc/GUID-542CF191-B8D)

NEW QUESTION 7

An administrator runs a two-node vSphere cluster, which contains two domain controller virtual machines (VMs). The administrator wants to ensure that VMs run on separate hosts without interfering with normal maintenance operations.  
How should the administrator configure Distributed Resource Scheduler (DRS)? (Choose the best answer.)

- A. Create a ‘Must run Virtual Machines to Hosts’ anti-affinity rule.
- B. Create a ‘Virtual Machines to Virtual Machines’ anti-affinity rule.
- C. Create a ‘Virtual Machines to Virtual Machines’ dependency rule.
- D. Create a ‘Should run Virtual Machines to Hosts’ anti-affinity rule.

Answer: B

NEW QUESTION 8

Refer to the exhibit.

9:04:41am up 5 min, 637 worlds, 4 VMs, 6 vCPUs; CPU load average: 0.33, 0.09, 0.00														
PCPU USED(%): 89 90 95 97 AVG: 92														
PCPU UTIL(%): 88 89 94 96 AVG: 92														
ID	GID NAME	NWLD	%USED	%RUN	%SYS	%WAIT	%VMWAIT	%RDY	%IDLE	%OVRLP	%CSTP	%MLMTD	%SWPNT	
8	8 helper	294	0.00	400.00	0.00	28784.56	-	400.00	0.00	400.00	0.00	0.00	0.00	
1	1 system	152	1.35	31.90	0.15	14796.04	-	373.34	0.00	0.29	0.00	0.00	41.54	
14865	14865 Linux2	7	73.32	74.45	0.07	582.88	0.32	50.48	0.11	0.20	0.00	0.00	0.00	
14873	14873 Win1	9	115.74	116.08	0.00	743.07	16.52	45.26	23.51	0.36	5.66	0.00	0.00	
14881	14881 Win2	9	104.23	104.40	0.00	759.42	16.44	43.60	41.62	0.35	2.63	0.00	0.00	
14895	14895 Linux1	7	67.84	69.86	0.00	605.51	0.00	32.46	0.00	0.08	0.00	0.00	0.00	
5485	5485 hostd.66720	21	2.30	2.30	0.00	2100.00	-	2.16	0.00	0.00	0.00	0.00	0.00	
5233	5233 rhttpproxy.6668	14	0.29	0.30	0.01	1400.00	-	0.93	0.00	0.00	0.00	0.00	0.00	
9	9 drivers	12	0.00	0.00	0.00	1200.00	-	0.21	0.00	0.00	0.00	0.00	0.00	
10	10 ft	4	0.00	0.00	0.00	399.89	-	0.20	0.00	0.00	0.00	0.00	0.00	
1012	1012 vmsyslogd.65822	3	0.13	0.14	0.00	300.00	-	0.16	0.00	0.00	0.00	0.00	0.00	
14857	14857 esxtop.68027	1	2.78	3.89	0.00	97.10	-	0.13	0.00	0.00	0.00	0.00	0.00	
14777	14777 sshd.68017	1	0.07	0.07	0.00	100.00	-	0.07	0.00	0.00	0.00	0.00	0.00	

What does the %RDY for the Win1 virtual machine indicate? (Choose the best answer.)

- A. High CPU wait time
- B. Low CPU usage
- C. High CPU contention
- D. Low CPU contention

Answer: C

NEW QUESTION 9

Which two vSphere features enable remote site availability? (Choose two.)

- A. Proactive High Availability
- B. vSphere Fault Tolerance
- C. Cross vCenter Migration

- D. vSphere vMotion
- E. vSphere Replication

**Answer:** AE

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.virtualsan.doc/GUID-1BDC7194-67A7>  
<https://www.vmware.com/mena/products/vsphere/replication.html#:~:text=vSphere%20Replication%20is%20a>

**NEW QUESTION 10**

An administrator has been tasked with mitigating datastore capacity issues without datastore expansion. Which vSphere Storage vMotion migration option would achieve this mitigation? (Choose the best answer.)

- A. Lazy-zeroed thick-provisioned
- B. Thin-provisioned
- C. Eager-zeroed thick-provisioned
- D. Same as format source

**Answer:** B

**NEW QUESTION 10**

What can an administrator use to partition limited CPU and memory resources between two departments? (Choose the best answer.)

- A. vSphere distributed switch
- B. vSphere High Availability
- C. vCenter folders
- D. Resource pools

**Answer:** D

**NEW QUESTION 14**

An administrator wants to enable bandwidth allocation for workloads by using Network I/O Control. What should the administrator configure to accomplish this? (Choose the best answer.)

- A. Management traffic
- B. Virtual machine traffic
- C. Load-balancing
- D. NIC teaming policy

**Answer:** B

**NEW QUESTION 16**

Which two VMware features are supported in a virtual machine using Intel Software Guard Extensions (Intel SGX) technology? (Choose two.)

- A. Fault tolerance
- B. vSphere vMotion
- C. VM encryption
- D. Virtual machine suspend and resume
- E. Storage I/O Control

**Answer:** CE

**Explanation:**

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-EF552A5E-744B-4>

**NEW QUESTION 18**

Which two components are core to vSphere? (Choose two.)

- A. ESXi
- B. vSAN
- C. vCenter Server
- D. vRealize Network Insight
- E. vRealize Operations Manager

**Answer:** AC

**NEW QUESTION 21**

An administrator is troubleshooting a recent failure and finds the following error messages:

```
The guest OS has reported an error during quiescing. The error code was: 5 The error message was:
Asynchronous operation failed: >VssSyncStart
The guest OS has reported an error during quiescing. The error code was: 5 The error message was:
'VssSyncStart' operation failed: The >system cannot find the file specified. (0x80070002)
```

Which action has failed, thus resulting in these errors? (Choose the best answer.)

- A. Virtual machine power off

- B. Virtual machine snapshot
- C. Virtual machine migration
- D. Virtual machine reconfiguration

**Answer:** B

#### NEW QUESTION 26

What is the minimum CPU core requirement for successful installation, or upgrade, or ESXi on a host? (Choose the best answer.)

- A. 8
- B. 1
- C. 32
- D. 2

**Answer:** D

#### NEW QUESTION 28

An administrator wants to be able to send vCenter Server log files to a remote syslog server and analyze logs using vRealize Log Insight. Which step must the administrator take to meet this requirement? (Choose the best answer.)

- A. Configure the vCenter Server logging options using the vSphere Client.
- B. Specify the remote syslog server name at deployment using the vCenter Server GUI Installer.
- C. Specify the vRealize Log Insight system name using the vSphere Client.
- D. Configure log file forwarding using the vCenter Server Management Interface.

**Answer:** D

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.vcenter.configuration.doc/GUID-9633>

#### NEW QUESTION 31

A host profile is updated with a new password that urgently needs to be changed on all hosts attached to the host profile. Which option would an administrator select to complete the password change? (Choose the best answer.)

- A. Copy Settings from Host
- B. Remediate
- C. Check Host Profile Compliance
- D. Edit Host Customizations

**Answer:** B

#### NEW QUESTION 36

Which two features are only supported by VMFS6 datastores? (Choose two.)

- A. Concurrent access to shared storage
- B. On-disk locking
- C. Dynamic expansion
- D. 4K native storage devices
- E. Automatic space reclamation

**Answer:** DE

#### NEW QUESTION 37

How many vSphere Trust Authority Clusters can a Trusted Cluster reference? (Choose the best answer.)

- A. 1
- B. 4
- C. 8
- D. 2

**Answer:** A

#### NEW QUESTION 38

In a vSphere High Availability (vSphere HA) cluster, which condition can be detected by datastore heartbeating? (Choose the best answer.)

- A. Fault tolerance virtual machine (VM) failover
- B. Network isolation
- C. Virtual machine (VM) disk failure
- D. Datastore All Paths Down (APD) event

**Answer:** B

#### NEW QUESTION 43

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