

# VMware

## Exam Questions 1V0-21.20

Associate VMware Data Center Virtualization



#### NEW QUESTION 1

An administrator would like to add a new server into an existing vSphere cluster. The servers are running Intel processors. The administrator needs to ensure that the new server can be added to the cluster with the same processor baseline as the existing servers. Which strategy should be used to achieve this goal?

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

**Answer: B**

#### NEW QUESTION 2

Refer to the exhibit:



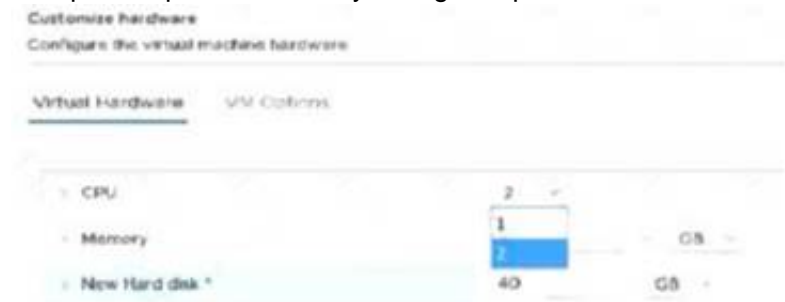
An administrator deletes the Service 1.5 snapshot. What is the result of this action?

- A. Reversion to Service 1 snapshot, and Service 2 snapshot will remain.
- B. Reversion to Service 1 snapshot, and Service 2 snapshot will be deleted.
- C. Reversion to Service 2 snapshot, and Service 1 snapshot will be deleted.
- D. Deletion of all snapshots.

**Answer: A**

#### NEW QUESTION 3

A vSphere operator can only configure up to two virtual CPUs when deploying a new virtual machine (VM). Refer to the exhibit:



What is the cause of this situation?

- A. VMs support a maximum of 2 CPUs.
- B. The selected cluster is not in DRS mode.
- C. The selected ESXi host has only 2 CPUs.
- D. The compatibility selected is "ESXi6.5 and later".

**Answer: C**

#### NEW QUESTION 4

Refer to the exhibit:



Which piece of information should a vSphere operator conclude about iSCSI-01?

- A. The datastore failed because it reached its capacity limit.
- B. The datastore does not have any free capacity.
- C. The disk usage on the datastore is above 75%.
- D. The datastore usage on disk was reset to green.

**Answer: C**

#### NEW QUESTION 5

A vSphere administrator needs to create an exact replica of a virtual machine as a safeguard prior to changing the virtual machine configuration. Which vSphere feature accomplishes this requirement?

- A. vSphere Fault Tolerance
- B. vSphere vMotion

- C. Cloning
- D. Snapshots

**Answer:** C

#### NEW QUESTION 6

A vSphere administrator sees the alarm: vSphere HA virtual machine failed to failover

This occurred for virtual machines (VMs) in a cluster with vSphere High Availability (HA) enabled. The guest operating system on the VMs did not report a power failure.

What is a possible cause of this event?

- A. The host is still running but has disconnected from the network.
- B. The VMs cloning operations did not complete.
- C. A reboot of vCenter Server impacted vSphere HA.
- D. The VMs encountered an error during migration using vSphere vMotion.

**Answer:** A

#### NEW QUESTION 7

Which two improvements to the management of a VM are gained when VMware Tools are used? (Choose two.)

- A. Performs a clone of the VM
- B. Adds VM alarms to the inventory
- C. Makes a graceful shutdown of the VM possible
- D. Allows a snapshot before the guest OS is upgraded
- E. Synchronizes time between the guest and the host

**Answer:** BE

#### NEW QUESTION 8

An administrator needs to separate traffic of virtual machine live migrations from all other traffic. Which TCP/IP stack meets this requirement?

- A. Fault Tolerance logging TCP/IP stack
- B. Provisioning TCP/IP stack
- C. vMotion TCP/IP stack
- D. Management TCP/IP stack

**Answer:** C

#### NEW QUESTION 9

Which configuration setting prevents a packet sniffing program from analyzing network packets on the virtual switch?

- A. Promiscuous Mode set to Reject
- B. Promiscuous Mode set to Accept
- C. Forged Transmits set to Accept
- D. Forged Transmits set to Reject

**Answer:** A

#### NEW QUESTION 10

An administrator is concerned that a VM has high ballooning activity and needs to check the default display of the Advanced Performance pane in the vSphere Client to confirm this activity.

Which view should the administrator choose in the default display?

- A. Network
- B. Power
- C. Memory
- D. Virtual disk

**Answer:** D

#### NEW QUESTION 10

Which feature must be enabled to use vSphere Fault Tolerance?

- A. vSphere DRS
- B. vSphere Replication
- C. vSphere HA
- D. vSAN

**Answer:** C

#### NEW QUESTION 13

During a virtual machine migration, which VMkernel networking layer handles the traffic?

- A. Fault Tolerance

- B. IP storage
- C. vSAN
- D. vSphere vMotion

**Answer:** B

#### NEW QUESTION 16

Which software-defined, object-based storage solution provides shared storage for vSphere clusters without using traditional external storage?

- A. iSCSI
- B. vSAN
- C. NFS
- D. vVOLS

**Answer:** A

#### NEW QUESTION 17

A system administrator is preparing a host in a vSphere DRS cluster in partially automated mode for firmware patching and puts a host into maintenance mode. After several minutes, the host still has not entered maintenance mode. How should the system administrator resolve this problem?

- A. The system administrator needs to schedule DRS to run again.
- B. vSphere Lifecycle Manager and DRS integration need to be configured.
- C. vSphere HA admission control needs to be enabled on the cluster.
- D. The system administrator needs to migrate virtual machines using vSphere vMotion.

**Answer:** D

#### NEW QUESTION 19

An administrator is working on a cloud migration project. The project has a requirement to check the EVC mode for virtual machines (VMs) hosting an application. How can the administrator find the EVC details for these VMs?

- A. Select Host > VMs > Show/Hide Column > EVC Mode
- B. Right click VM > Migrate > Change storage only > Select Datastore > Next > Finish
- C. Power off VM > Configure > VMware EVC
- D. Right click VM > Migrate > Change compute resource only > Select Host > Next > Finish

**Answer:** D

#### NEW QUESTION 22

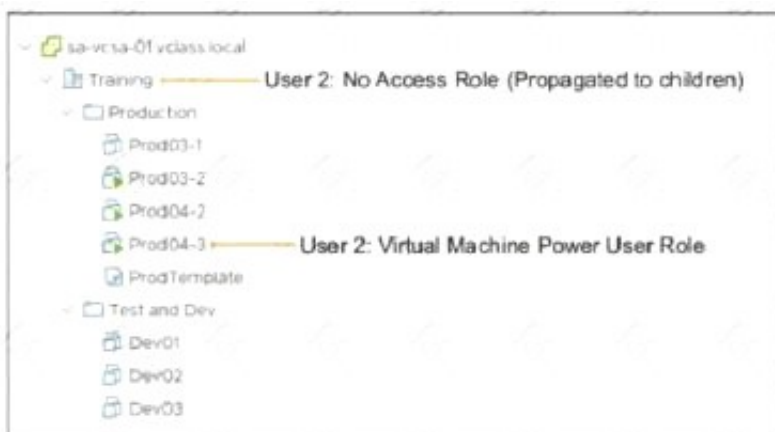
A group of VMs is experiencing high latency on a portgroup in an ESXi host. Which option can a vSphere administrator use to move some of the VMs to another portgroup?

- A. IP hash
- B. Network I/O Control
- C. vSphere vMotion
- D. Network Port Binding

**Answer:** C

#### NEW QUESTION 23

Refer to the exhibit:



Which statement is true about the access privileges of User 2?

- A. User 2 has virtual machine power user privileges to Prod04-3.
- B. User 2 has no access to all objects in the Production folder and Test and Dev folder.
- C. User 2 has virtual machine power user privileges to all VMs in the Production folder.
- D. User 2 has access to all objects in the Production folder and no access to Dev01, Dev02, and Dev03.

**Answer:** A

#### NEW QUESTION 24

An administrator is migrating 100 virtual machines from one ESXi Host to another. The current iGigE network cards are only migrating four virtual machines

simultaneously.

Which action should the administrator take to increase that number to eight?

- A. Add more memory to the ESXI hosts
- B. Add a IOGlgE network card to each ESXI host
- C. Configure port mirroring
- D. Configure Load Balancing

**Answer: C**

#### NEW QUESTION 26

Which two vSphere features help address an organization's business availability challenges? (Choose two.)

- A. vSphere Fault Tolerance
- B. vSphere Pod Service
- C. vSphere DPM
- D. vSphere Trust Authority
- E. vSphere High Availability

**Answer: AE**

#### NEW QUESTION 30

A vSphere administrator has migrated a virtual machine between two ESXi hosts using vSphere vMotion and notices that the VM can no longer be pinged. What caused this situation?

- A. The virtual machine has RDMS attached.
- B. A different datastore is being used after the migration.
- C. There is an MTU mismatch.
- D. The destination portgroup has an incorrect VLAN tag.

**Answer: D**

#### NEW QUESTION 35

An administrator has applied a Service 2 patch after taking a snapshot. The administrator then realizes that a Service 1.5 patch should have been applied before the Service 2 patch.

Refer to the exhibit:



Which series of actions should be taken to manage this issue?

- A. Delete all the snapshots, take a snapshot, and apply Service 1.5 patch.
- B. Remain at Service 2, take a snapshot, and apply Service 1.5 patch.
- C. Delete Service 1, take a snapshot, and apply Service 1.5 patch.
- D. Revert to Service 1, take a snapshot, and apply Service 1.5 patch.

**Answer: D**

#### NEW QUESTION 40

A system administrator opened a technical support trouble ticket and was asked to provide the suspended virtual machine's memory contents. Which file from the virtual machine directory will the system administrator need to upload to technical support?

- A. vm.vmdk
- B. vm.vmss
- C. vm.vmx
- D. vm.log

**Answer: C**

#### NEW QUESTION 43

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