

# VMware

## Exam Questions 1V0-21.20

Associate VMware Data Center Virtualization



### NEW QUESTION 1

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 2

A system administrator has to configure several virtual machines for different business units. The administrator needs to enable features that allow overcommitment of resources while adhering to the business requirements and different department performance SLAs.

Which two features should the administrator enable to achieve this goal? (Choose two.)

- A. vSphere Distributed Power Management
- B. vSphere Fault Tolerance
- C. vSphere Resource Pools
- D. vSphere High Availability
- E. vSphere Storage I/O Control

**Answer: CE**

### NEW QUESTION 3

Which feature allows an administrator to implement master copies of virtual machines to create ready-for-use virtual machines?

- A. Templates
- B. Resource Pools
- C. Snapshots
- D. Custom Attributes

**Answer: A**

### NEW QUESTION 4

Which vSphere component centralizes automated patch and version management for clusters, ESXi, drivers and firmware, Virtual Hardware, and VMware Tools?

- A. vSphere DRS
- B. VMware Cloud Foundation
- C. Content Library
- D. vSphere Lifecycle Manager

**Answer: D**

### NEW QUESTION 5

On a vSphere Standard Switch, which setting should an administrator configure to improve the networking efficiency by increasing the amount of payload data transmitted with a single packet?

- A. VLAN
- B. LACP
- C. MTU (Bytes)
- D. NIC Teaming

**Answer: C**

### NEW QUESTION 6

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 7

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 8

Which vSphere feature protects against host hardware failures by restarting virtual machines (VMs) on hosts that are running in the cluster?

- A. vSphere HA
- B. vSphere vMotion
- C. vSphere Fault Tolerance
- D. vSphere DRS

**Answer:** A

#### NEW QUESTION 9

Which feature must be enabled to configure vSphere Proactive HA?

- A. vSphere DRS
- B. Cluster EVC
- C. Fault Tolerance
- D. vSphere HA

**Answer:** C

#### NEW QUESTION 10

Which feature helps maintain zero data loss when a VM on an ESXi server fails unexpectedly?

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

**Answer:** D

#### NEW QUESTION 10

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 12

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 16

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 FVC 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 19

A vSphere administrator wants to monitor the CPU usage of all virtual machines (VMs) in a specific host cluster using alarms. Which sequence of actions should the administrator use?

- A. Click on the ESXI host and add an alarm.
- B. Click on the cluster and add an alarm.
- C. Click on individual VMs and add an alarm.
- D. Click on the VMs folder and add an alarm.

**Answer: B**

#### NEW QUESTION 22

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 23

Which vSphere DRS setting determines how aggressive vSphere DRS will be when recommending migrations to improve VM happiness?

- A. Predictive DRS
- B. Virtual Machine Automation
- C. Automation Level
- D. Migration Threshold

**Answer: D**

#### NEW QUESTION 26

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 28

A vSphere operator finds this error message:

Device or filesystem with identifier [naa.6000eb31dffdc33a000000000000002a] has entered the All Paths Down state.

What should the operator conclude from this error message?

- A. A host is inaccessible, and migration of affected VMs is expected.
- B. A host failed, and automated recovery of affected VMs is expected.
- C. A storage device has failed and is not expected to become available.
- D. A storage device is inaccessible and is expected to become available.

**Answer: C**

#### NEW QUESTION 33

What is a benefit of VMware vSphere Storage APIs - Data Protection?

- A. It enables centralized, off-host
- B. LAN-free backup of vSphere virtual machines.
- C. It allows backup of a virtual machine with a backup agent in the guest OS.

- D. It increases ESX host resources to do backup processing.
- E. It facilitates decentralized, on-host, LAN-free backup of vSphere virtual machines.

**Answer:** A

**NEW QUESTION 34**

An administrator must ensure that virtual machines have their initial placement performed automatically and that migration recommendations are displayed but not applied.

Which vSphere DRS Automation Level should the administrator use?

- A. Aggressive
- B. Manual
- C. Partially Automated
- D. Fully Automated

**Answer:** C

**NEW QUESTION 39**

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