



# VMware

## Exam Questions 2V0-21.20

Professional VMware vSphere 7.x

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#### NEW QUESTION 1

ESXi provides VLAN support by assigning a VLAN ID to which component?

- A. Virtual standard switch
- B. Virtual distributed switch
- C. Port group
- D. Physical network interface card (NIC)

**Answer:** D

#### NEW QUESTION 2

An administrator wants to be able to log in to the vSphere Client and view the inventories of two vCenter Server instances. What must the administrator do to meet this requirement?

- A. Configure Enhanced Linked Mode on each vCenter Server instance after deployment is complete.
- B. Connect each vCenter Server instance to the same vCenter Single Sign-On domain during deployment.
- C. Configure the vCenter Server Management Interface to view both vCenter Server instances.
- D. Connect each vCenter Server instance to the same vCenter Single Sign-On domain using the vSphere Client.

**Answer:** A

#### NEW QUESTION 3

A company has a vSphere environment consisting of the following characteristics:

- A content library named 'CORP' is published at corporate headquarters on a vCenter Server named 'vcenterCorp'.
- A regional data center contains a set of hosts managed by a vCenter Server named vcenterR1.
- vcenterR1 subscribes to the CORP content library.

The administrator wants to create a new virtual machine image to use on vcenterR1. What are two possible ways the administrator can accomplish this task? (Choose two.)

- A. Upload the new image to a local content library on vcenterR1.
- B. Publish the CORP content library on vcenterR1.
- C. Upload the new image to the CORP library on vcenterCorp.
- D. Upload the new image to the CORP library on vcenterR1.
- E. Configure vcenterR1 to download all library content immediately.

**Answer:** BD

#### NEW QUESTION 4

Which type of network adapter is designed to provide connectivity to hosts and handle the standard system traffic of vSphere vMotion?

- A. VXLAN virtual tunnel end point (VXLAN VTEP)
- B. VM network
- C. Virtual machine network interface card (VMNIC)
- D. VMkernel port

**Answer:** B

#### NEW QUESTION 5

A virtual machine with a single 100 GB virtual machine disk file has a single 20 GB snapshot. The virtual machine is powered off.

How much additional free space on the datastore is required to delete the snapshot, committing the snapshot delta disk to the base disk?

- A. 120 GB
- B. 100 GB
- C. 0 GB
- D. 20 GB

**Answer:** D

#### NEW QUESTION 6

An administrator is trying to configure vCenter Single Sign-On from the vSphere Client but does NOT have permission. Which role is required in order to configure vCenter Single Sign-On?

- A. vCenter Single Sign-On Administrator
- B. vCenter Server Appliance Root
- C. vCenter Power User
- D. vCenter Administrator

**Answer:** D

#### 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)?

- A. Create a 'Should run Virtual Machines to Hosts' anti-affinity rule.

- B. Create a 'Virtual Machines to Virtual Machines' dependency rule.
- C. Create a 'Must run Virtual Machines to Hosts' anti-affinity rule.
- D. Create a 'Virtual Machines to Virtual Machines' anti-affinity rule.

**Answer:** A

#### NEW QUESTION 8

An administrator receives an escalation to investigate a low disk space alarm on a datastore. The administrator discovers that a snapshot has been accidentally taken on a production, write-intensive database server. The snapshot has grown to nearly 1 TB in size in less than an hour and continues growing every second. Which behavior should the administrator expect while deleting the snapshot?

- A. ESXi will instantly switch from the base disk to the snapshot delta disk with no performance impact.
- B. ESXi will merge the snapshot delta disk into the base disk; the virtual machine will be briefly stunned.
- C. ESXi will commit the snapshot delta disk into the base disk; ongoing database write activity could result in long stun times.
- D. ESXi will create a virtual RAM disk to cache ongoing database write activity; performance impact will be limited.

**Answer:** A

#### NEW QUESTION 9

Refer to the exhibit.



The screenshot shows the configuration for an email notification alarm. At the top, there is a section for 'Send email notifications' with a green toggle switch turned on, a 'Repeat' checkbox which is unchecked, and an information icon. Below this is a form with two fields: 'Subject' and 'Email to'. The 'Subject' field contains the text 'Alarm (Alarm name) on vCenter Server : {Target Name} is {New status}'. The 'Email to' field contains the email address 'admin@vmware.com'.

An administrator enables email notifications as shown in the attached alarm. However, notifications are NOT being sent. Where must the mail server settings be configured to resolve this issue?

- A. In the ESXi host system config for the cluster node hosting the vCenter Server Appliance
- B. In Administration settings in the vCenter Server Management
- C. Interface In vCenter Server General settings in the vSphere Client
- D. In the alarm rule definitions

**Answer:** D

#### NEW QUESTION 10

What is the server virtualization product that combines the ESXi hypervisor and the vCenter Server?

- A. vSAN
- B. vRealize Operations Manager
- C. vSphere
- D. NSX

**Answer:** C

#### NEW QUESTION 10

An administrator is tasked with upgrading an existing vSphere environment to version 7.0. There are existing VMFS3 and VMFS5 datastores in the environment. Which statement is true regarding this upgrade?

- A. VMFS3 is supported with ESXi 7.0 to store boot configurations only.
- B. A VMFS5 datastore CANNOT be upgraded; a new VMFS6 datastore is required.
- C. An ESXi 7.0 host will NOT recognize a VMFS3 datastore.
- D. An ESXi 7.0 host can automatically upgrade a VMFS5 datastore.

**Answer:** B

#### NEW QUESTION 11

Which step is required when adding an existing hard disk that is configured as a boot disk during virtual machine creation?

- A. Set the boot delay to at least 5,000 milliseconds.
- B. Enable Secure Boot.
- C. Select 'RDM Disk' from the 'Add New Device' drop-down menu.
- D. Remove the existing disk before adding the boot disk.

**Answer:** B

#### NEW QUESTION 12

Refer to the exhibit.

IF

VM CPU Ready Time is below 1000 ms for 15 min

ADD ADDITIONAL TRIGGER

THEN

Trigger the alarm and \* Show as Critical

Send email notifications ☐

ADD ANOTHER RULE DUPLICATE RULE REMOVE RULE

An administrator is consistently receiving an alarm regarding a CPU performance issue; however, there is NO CPU issue identified. What can the administrator do to make sure the alarm is triggered when there is an actual CPU performance issue?

- A. Change 'is below' to 'is above.' Change.'
- B. Show as Critical' to 'Show as Warning.'
- C. Change 'VM CPU Ready Time' to 'VM Memory Usage.'
- D. Change 'VM CPU Ready Time' to VM CPU Usage.'

**Answer: B**

#### NEW QUESTION 13

What are two supported ESXi boot options? (Choose two.)

- A. vSAN
- B. NFS
- C. iSCSI
- D. SAN
- E. vSphere Virtual Volumes

**Answer: BE**

#### NEW QUESTION 17

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?

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

**Answer: A**

#### NEW QUESTION 19

An IT department is experiencing random hardware failures that are costing the company money. The CIO is looking for technical support beyond traditional break/fix with enhanced visibility and proactive insights into the environment at no additional cost. Which VMware service meets the needs of the CIO?

- A. VMware Global Support Services
- B. VMware Premier Support
- C. vRealize Operations Manager
- D. VMware Skyline

**Answer: C**

#### NEW QUESTION 24

Refer to the exhibit.



Which two migration methods can an administrator use to move virtual machines from the SA-Dev cluster to the SA-Compute cluster? (Choose two.)

- A. Hot migration of compute resource only
- B. Hot migration of compute resource and storage resource
- C. Cold migration of compute resource only
- D. Cold migration of compute resource and storage resource
- E. Cold migration of storage only

**Answer:** CD

#### NEW QUESTION 29

An administrator wants to implement virtual machine encryption. Which component encrypts the virtual machine files?

- A. Key management server (KMS)
- B. Key encryption key (KEK)
- C. Certificate
- D. Data encryption key (DEK)

**Answer:** B

#### Explanation:

<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-9035D542-B76B-4>

#### NEW QUESTION 30

An administrator adds an additional host to a cluster and is attempting to remediate the configuration with a host profile. Which option would the administrator select on the host before it can be remediated with an existing host profile?

- A. Export Host Profile
- B. Attach Host Profile
- C. Export Host Customizations
- D. Copy Settings from Host

**Answer:** C

#### NEW QUESTION 34

What is a requirement of Storage I/O Control?

- A. Storage connected through Fibre Channel
- B. Automated storage tiering capabilities
- C. Management by a single vCenter Server
- D. Datastores with multiple extents

**Answer:** B

#### NEW QUESTION 35

Which two storage technologies can an administrator use to deploy the Virtual Machine File System (VMFS)? (Choose two.)

- A. iSCSI storage
- B. vSAN storage
- C. Fibre Channel storage
- D. Virtual Volumes storage
- E. NFS storage

**Answer:** AE

#### NEW QUESTION 39

Refer to the exhibit.



What is the effective role the test1 account has on the Finance01 virtual machine?



- A. Virtual machine user
- B. Administrator
- C. Read-only
- D. No access

**Answer:** A

#### NEW QUESTION 41

An administrator wants to ensure that when virtual machines (VMs) are powered on, Distributed Resource Scheduler (DRS) places them on the best-suited host. When the cluster becomes imbalanced, the administrator wants DRS to display recommendations for manual VM migration. Which DRS automation level should the administrator select?

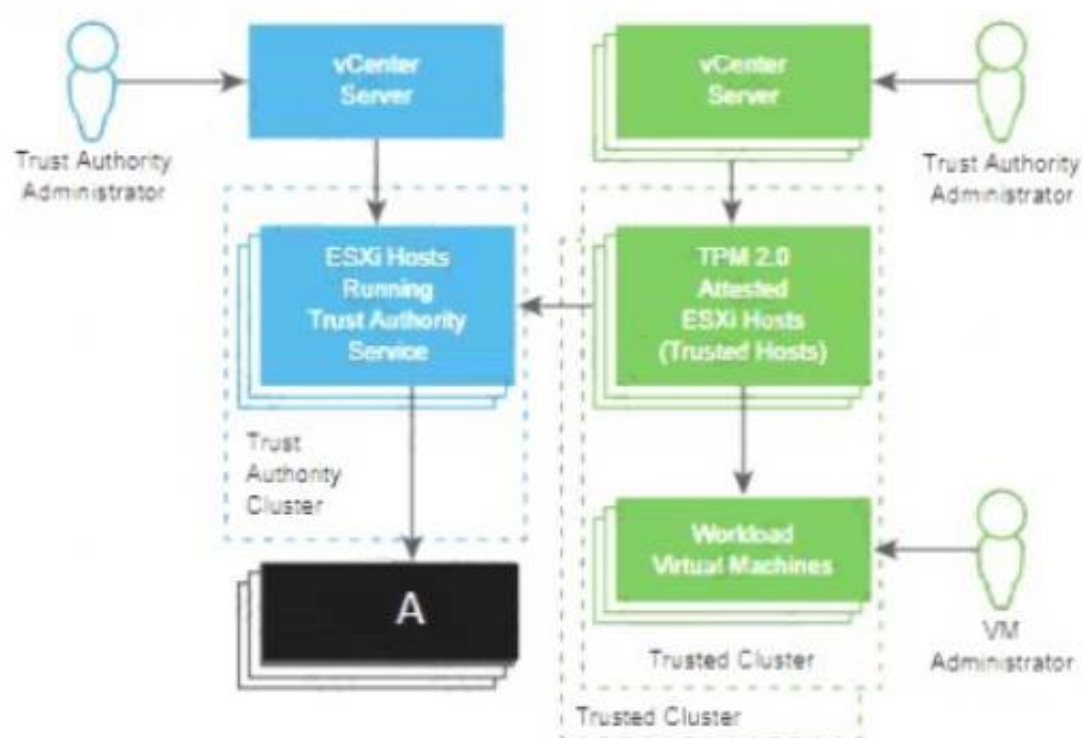
- A. Disabled
- B. Fully automated
- C. Partially automated
- D. Manual

**Answer:** A

#### NEW QUESTION 44

Refer to the exhibit.

**Figure 8-1. vSphere Trust Authority Architecture**



Which trusted infrastructure component is missing and represented by the area labeled "A?"

- A. Attestation Service
- B. Key Provider Service
- C. vSphere Virtual Machine Encryption
- D. Key Management Server

**Answer:** A

#### NEW QUESTION 46

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