

VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x



NEW QUESTION 1

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? (Choose the best answer.)

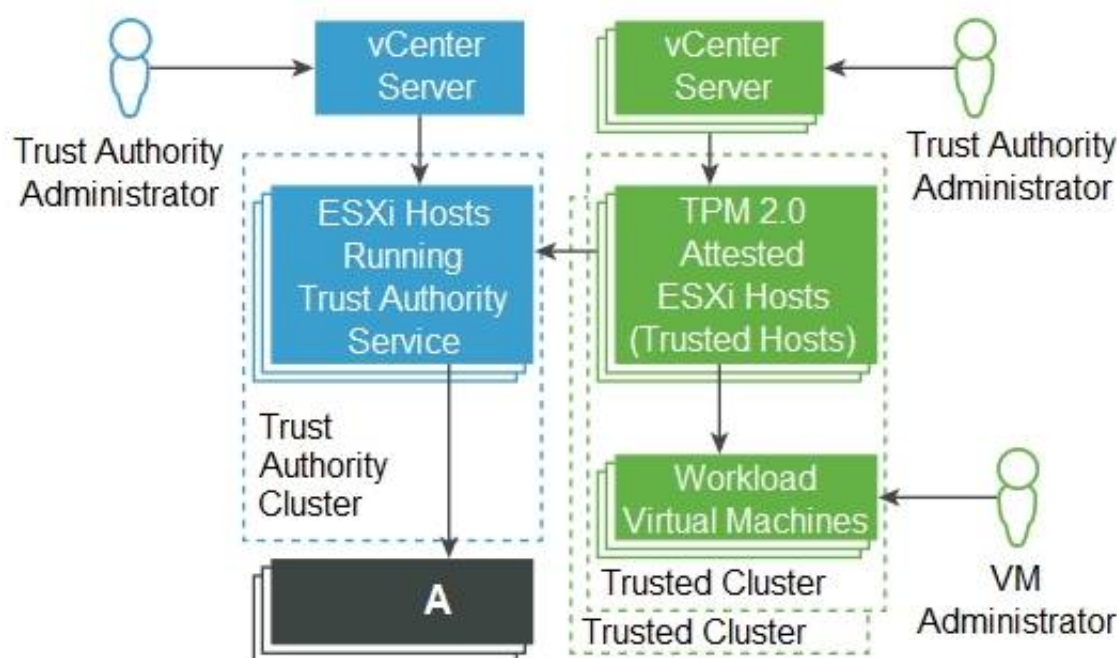
- A. vCenter Single Sign-On Administrator
- B. vCenter Administrator
- C. vCenter Server Appliance Root
- D. vCenter Power User

Answer: A

NEW QUESTION 2

Refer to the exhibit.

Figure 8-1. vSphere Trust Authority Architecture



Which trusted infrastructure component is missing and represented by the area labeled "A"? (Choose the best answer.)

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

Answer: A

NEW QUESTION 3

Which TCP/IP stack can support management traffic, vSphere vMotion, IP storage and vSphere Fault Tolerance? (Choose the best answer.)

- A. VXLAN TCP/IP stack
- B. Provisioning TCP/IP stack
- C. Default TCP/IP stack
- D. vSphere vMotion TCP/IP stack

Answer: C

NEW QUESTION 4

Which vSphere feature provides for continuous local data center availability? (Choose the best answer.)

- A. vSphere Fault Tolerance
- B. Cross vCenter Migration
- C. vSphere Storage vMotion
- D. vSphere Replication

Answer: A

NEW QUESTION 5

Which type of network adapter is designed to provide connectivity to hosts and handle the standard system traffic of vSphere vMotion? (Choose the best answer.)

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

Answer: A

NEW QUESTION 6

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 7

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 8

What is the minimum number of ESXi hosts required to support vCenter High Availability? (Choose the best answer.)

- A. 6
- B. 3
- C. 2
- D. 4

Answer: B

NEW QUESTION 9

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 10

Which virtual disk option allows a virtual machine to consume the minimum storage capacity? (Choose the best answer.)

- A. Independent persistent
- B. Lazy-zeroed thick-provisioned
- C. Eager-zeroed thick-provisioned
- D. Thin-provisioned

Answer: D

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-8204A8D7-25B6-4>

NEW QUESTION 10

An administrator wants to leverage the processor-specific technology that uses a security extension for securing virtual machines (VMs). This will allow user-level code to define private regions of memory called enclaves that are protected from external access.

What does the administrator need to configure to enable VMs to use this technology? (Choose the best answer.)

- A. Trusted Platform Module (TPM)
- B. Virtual Intel Software Guard Extensions (vSGX)
- C. Advanced Encryption Standard-New Instructions (AES-NI)
- D. Transparent Page Sharing (TPS)

Answer: B

NEW QUESTION 14

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.

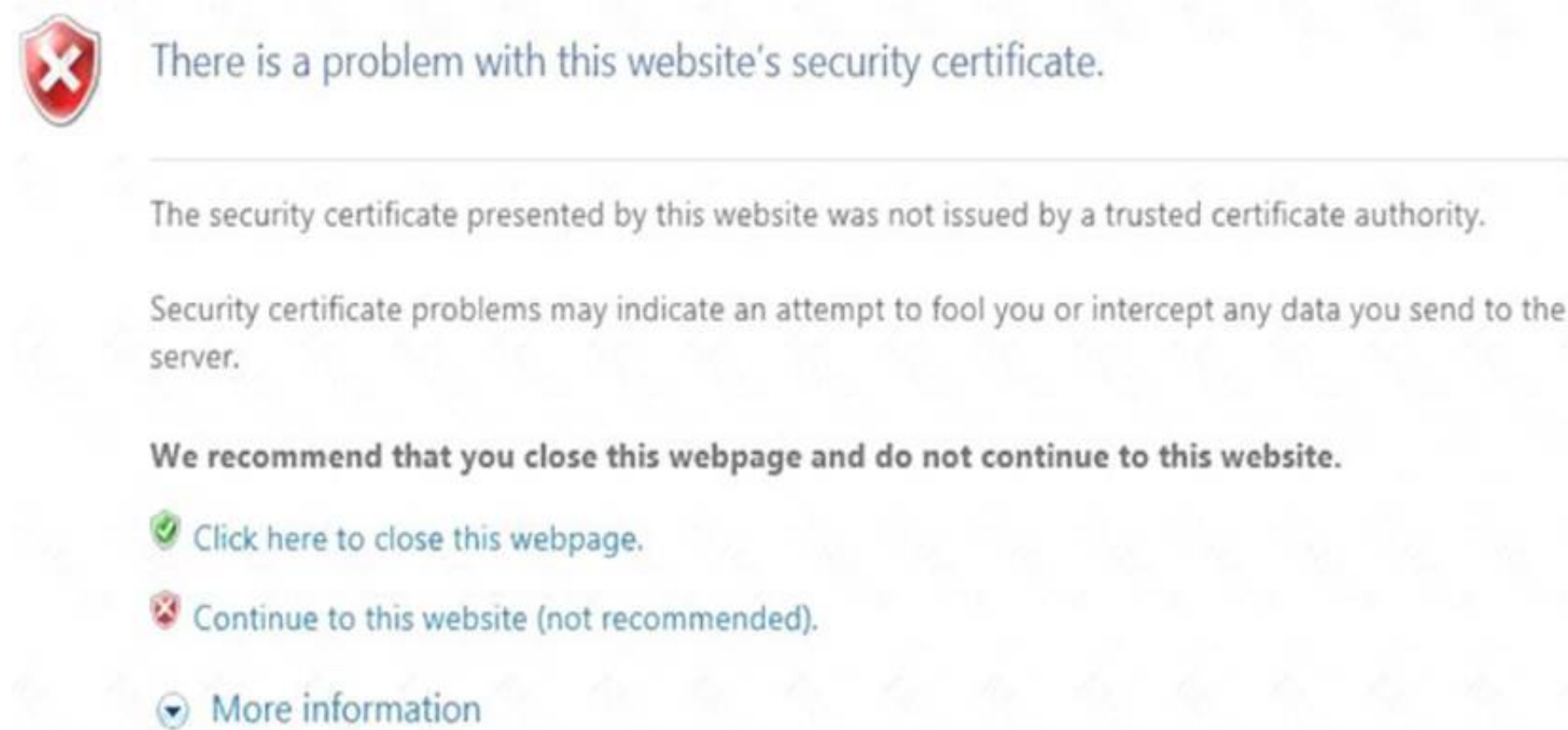
Which two steps must the administrator take to configure the content library feature to meet this requirement? (Choose two.)

- 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 19

Refer to the exhibit.



An administrator repeatedly encounters this error message while attempting to connect to vCenter Server. What should the administrator do to address this error message? (Choose the best answer.)

- A. Use a different browser.
- B. Trust the VMware certificate authority (CA) root certificate.
- C. Restart the vCenter Server Appliance.
- D. Reissue a new, unexpired certificate.

Answer: D

NEW QUESTION 22

A single host is manually configured to company standards.

Which option would an administrator select to capture this configuration for future use? (Choose the best answer.)

- A. Extract Host Profile
- B. Reset Host Customizations
- C. Attach Host Profile
- D. Import Host Profile

Answer: A

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.esxi.install.doc/GUID-4D8EDD07-6C77-4845-https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.hostprofiles.doc/GUID-4D3909C5-A3>

NEW QUESTION 26

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 28

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 30

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 34

Which local only host utility is used for primary, real-time performance monitoring in vSphere? (Choose the best answer.)

- A. resxtop
- B. top
- C. esxtop
- D. vSphere Command-Line Interface (CLI)

Answer: C

NEW QUESTION 36

Which feature is a pre-requisite for configuring admission control on a cluster? (Choose the best answer.)

- A. vSphere Enhanced vMotion Compatibility (EVC)
- B. vSphere High Availability (HA)
- C. vSphere Fault Tolerance
- D. vSphere Distributed Resource Scheduler (DRS)

Answer: B

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-C4059DB9-D673-45C>

NEW QUESTION 41

Which solution can be used to automatically deploy a fully configured VMware software-defined data center (SDDC)? (Choose the best answer.)

- A. vCenter Server
- B. vRealize Suite
- C. vSphere Lifecycle Manager
- D. VMware Cloud Foundation

Answer: B

NEW QUESTION 46

What is a pre-requisite for configuring virtualization-based security (VBS)? (Choose the best answer.)

- A. Change the firmware type from UEFI to Legacy BIOS
- B. Change the firmware type from Legacy BIOS to UEFI
- C. Use Windows Server 2012
- D. Use Windows Server 2008 R2

Answer: B

NEW QUESTION 48

An administrator wants to create a master copy of an existing virtual machine (VM) named “TestApp” and deploy VMs from this master copy whenever a user requests one.

Which method can the administrator use to create a master copy of TestApp? (Choose the best answer.)

- A. Deploy from an Open Virtual Machine Format (OVF) template
- B. Convert a template to a VM
- C. Clone the VM to a template
- D. Create a new VM

Answer: A

NEW QUESTION 53

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 54

Which step can an administrator take so that vSphere can access patch information if vCenter Server does NOT have Internet access? (Choose the best answer.)

- A. Use a Web server on the vCenter Server machine to automate the transfer of files.
- B. Install VMware vSphere Update Manager Download Service on a Windows server.
- C. Use an offline ISO file to import patches to the vSphere Lifecycle Manager depot manually.
- D. Install VMware vSphere Update Manager Download Service on a Linux server.

Answer: D

NEW QUESTION 57

Which two statements are true regarding the use of firmware update packages in vSphere Lifecycle Manager? (Choose two.)

- A. A hardware support manager must be registered as a vCenter Server extension.
- B. The firmware and drivers add-on are distributed through the official VMware online depot.
- C. The firmware and drivers add-on can be used on clusters that are managed with baselines.
- D. The firmware and drivers add-on can add or remove components from the ESXi base image.
- E. The firmware and drivers add-on is provided by a third-party vendor.

Answer: AD

NEW QUESTION 60

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? (Choose the best answer.)

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

Answer: A

NEW QUESTION 63

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 66

An administrator is tasked with upgrading an existing VMware vSphere 6.5 environment to version 7.0. There are existing VMFS3 and VMFS5 datastores in the environment.

Which two statements are true regarding this upgrade? (Choose two.)

- A. VMFS5 is no longer supported with ESXi 7.0.
- B. VMFS3 is no longer supported with ESXi 7.0.
- C. An ESXi 7.0 host can automatically upgrade a VMFS5 datastore.
- D. An ESXi 7.0 host will automatically upgrade a VMFS3 datastore when discovered.
- E. A VMFS3 datastore cannot be upgraded; a new VMFS6 datastore is required.

Answer: BD

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.storage.doc/GUID-DAD74662-E09E-4>

NEW QUESTION 68

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

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

Answer: AE

NEW QUESTION 69

Each logical port on a vSphere standard switch can be a member of how many port groups? (Choose the best answer.)

- A. 4
- B. 3

- C. 1
- D. 2

Answer: C

NEW QUESTION 70

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 71

What is the basic packaging for vSphere Installation Bundles (VIBs) and metadata in vSphere Lifecycle Manager? (Choose the best answer.)

- A. Vendor add-on
- B. Base image
- C. Component
- D. Baseline

Answer: C

NEW QUESTION 76

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 77

An administrator is NOT able to enable ESXi secure boot.

What is a possible cause of this issue? (Choose the best answer.)

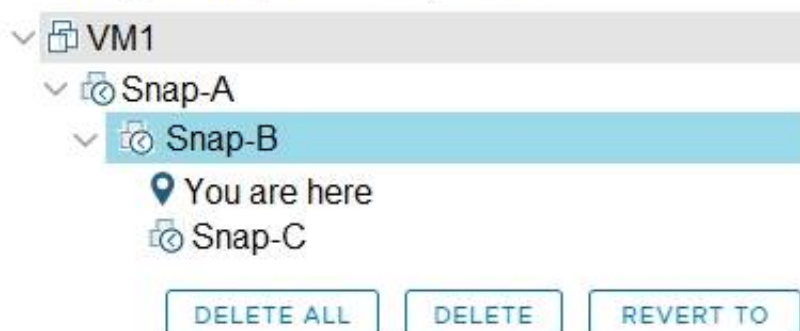
- A. The vCenter Server version is 7.0.
- B. ESXi is using Trusted Platform Module version 1.2.
- C. The ESXi version is 7.0
- D. ESXi is using Unified Extensible Firmware Interface (UEFI).

Answer: C

NEW QUESTION 80

Refer to the exhibit.

Manage Snapshots | VM1



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

NEW QUESTION 85

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