

VMware

Exam Questions 2V0-21.20PSE

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

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 3

An administrator is unable to manage certificates with the vSphere Client. What is another supported option that can be used to manage certificates? (Choose the best answer.)

- A. vCenter Server Management Interface
- B. Command Line Interface
- C. vRealize Operations Manager
- D. Cloud Builder

Answer: B

NEW QUESTION 4

An administrator is tasked with upgrading an existing vSphere environment to version 7.0. The environment consists of mounted NFS v3 datastores. The new design requires configuration of NFS v4.1 datastores. Which statement is true regarding this upgrade? (Choose the best answer.)

- A. The NFS v3 datastores can be unmounted and remounted using NFS v4.1.
- B. A new VMKernel port for NFS v4.1 needs to be created before the upgrade.
- C. Following first boot, NFS v3 datastores are automatically converted to NFS v4.1 by ESXi 7.0
- D. ESXi 7.0 does NOT support NFS v4.1.

Answer: B

NEW QUESTION 5

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 6

An administrator needs to configure Proactive High Availability (HA) in a vSphere environment so that virtual machines (VMs) do not run on any partially degraded hosts. The administrator would also like to see the recommendations before VMs are migrated. Which automation and remediation level should the administrator select? (Choose the best answer.)

- A. Automation Level – Manual Remediation Level – Quarantine mode
- B. Automation Level – Automated Remediation Level – Maintenance mode
- C. Automation Level – Manual Remediation Level – Maintenance mode
- D. Automation Level – Automated Remediation Level – Mixed mode

Answer: C

NEW QUESTION 7

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 8

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 9

An administrator is investigating the reason for a powered on virtual machine failing to migrate with the following error log message:

The virtual machine requires hardware features that are unsupported or disabled on the target host.

```
CPUID details: incompatibility at level 0xx register 'xxx'  
Host bits: xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx  
Required: xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx:xxxx
```

Which step should the administrator complete to resolve this error? (Choose the best answer.)

- A. Configure High Availability on the cluster.
- B. Configure vSAN on the cluster.
- C. Configure Distributed Resource Scheduler (DRS) on the cluster.
- D. Configure Enhanced vMotion Compatibility on the cluster.

Answer: D

NEW QUESTION 10

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 10

Which two configuration tasks must be performed from the vCenter Server Management Interface? (Choose two.)

- A. Add administrator accounts.
- B. Add an Network Time Protocol (NTP) server.
- C. Add a vCenter Server license.
- D. Enable SSH login.
- E. Change the logging level.

Answer: BC

NEW QUESTION 12

Which feature is a prerequisite for Proactive High Availability (HA)? (Choose the best answer.)

- A. vCenter High Availability
- B. vSAN Cluster
- C. Predictive Distributive Resource Scheduler (DRS)
- D. vSphere Distributive Resource Scheduler (DRS)

Answer: D

NEW QUESTION 14

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

Answer: AD

Explanation:

https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-254B2CE8-20A

NEW QUESTION 19

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 24

A new vSphere 7.0 environment is deployed with the following:

- A single vCenter Server
- Two vSAN clusters
- A vSAN default storage policy

Which statement is true regarding virtual disk availability in this environment? (Choose the best answer.)

- A. Replicas will be placed on different disk groups but can be placed on the same host.
- B. All stripes will be placed on different disk groups and cannot be placed on the same host.
- C. Each virtual disk will have four replicas of data.
- D. Each virtual disk will have two replicas of data.

Answer: D

NEW QUESTION 29

Which action is supported over a VMkernel vMotion TCP/IP stack? (Choose the best answer.)

- A. Hot migrations
- B. Fault tolerance protection
- C. Virtual machine cloning
- D. Snapshot creation

Answer: B

NEW QUESTION 34

A vSphere environment is configured with 1 Gigabit Ethernet for vSphere vMotion. The application team is complaining that when they try to migrate a powered-on virtual machine, the progress is slow and unsuccessful the majority of the time.

Which two recommendations should the administrator make to improve vSphere vMotion performance? (Choose two.)

- A. Use at least two port groups.
- B. Use vSphere Storage I/O Control (SIOC).
- C. Use 10 Gigabit Ethernet or above.
- D. Use Link Aggregation Control Protocol (LACP) on the port group.
- E. Disable vSphere Fault Tolerance.

Answer: CD

Explanation:

https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-254B2CE8-20A

NEW QUESTION 36

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 37

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 38

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 42

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? (Choose the best answer.)

- 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. Connect each vCenter Server instance to the same vCenter Single Sign-On domain using the vSphere Client.
- D. Configure the vCenter Server Management Interface to view both vCenter Server instances.

Answer: B

Explanation:

<https://kb.vmware.com/s/article/2034074>

You can join vCenter Server instances in Linked Mode only when all of the instances are registered in the same Single Sign-On deployment. This includes Single Sign-On instances installed on different sites. When vCenter Server B on site B is joined to vCenter Server A on site A, the join tool establishes connection both to Single Sign-On A and Single Sign-On B.

NEW QUESTION 45

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