

2V0-21.23^{Q&As}

VMware vSphere 8.x Professional

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QUESTION 1

ESXi provides VLAN support by assigning a VLAN ID to which component? (Choose the best answer.)

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

Correct Answer: D

Reference: <https://geek-university.com/vmware-esxi/configure-vlans/>

QUESTION 2

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

Correct Answer: B

QUESTION 3

An administrator is running a variety of vSphere 6.5 cluster configurations and is tasked with upgrading to vSphere 7.0.


Which two conditions could cause potential conflicts or outages to the virtual machines (VMs)? (Choose two.)

- A. The use of a Windows vCenter Server system
- B. Datastores attached to the hosts based on VMFS3
- C. The upgrade of a vSphere Distributed Switch with VMs attached
- D. The upgrade of an external platform services controller
- E. The use of third-party custom vSphere Installation Bundles (VIBs) installed on the ESXi hosts

Correct Answer: CE

QUESTION 4

Refer to the exhibit.

Send email notifications Repeat 

Subject * Alarm {Alarm name} on vCenter Server : {Target Name} is {New status}

Email to * 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? (Choose the best answer.)

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

Correct Answer: A

QUESTION 5

An administrator is utilizing Network I/O Control (NIOC) to allocate bandwidth utilization on a physical 10 Gbps adapter. What is the maximum amount of bandwidth that can be reserved? (Choose the best answer.)

- A. 2.5 Gbps
- B. 10 Gbps
- C. 5.0 Gbps
- D. 7.5 Gbps

Correct Answer: D

Reference: <https://docs.vmware.com/en/VMware-NSX-T-Data-Center/2.4/installation/GUID-9A8FD62A-F099-4329-8220-6D5853F9A62D.html> (note)

QUESTION 6

Which tool is used to monitor the free space in the vCenter Server database? (Choose the best answer.)

- A. esxtop
- B. df
- C. vimtop

D. vmstat

Correct Answer: B

Reference: <https://kb.vmware.com/s/article/76563>

QUESTION 7

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

Correct Answer: B

Reference: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.avail.doc/GUID-8FD87389-8CC9-4298-8B08-A1526FB44524.html>

QUESTION 8

An administrator wants to implement virtual machine encryption.

Which component encrypts the virtual machine files? (Choose the best answer.)

A. Certificate

B. Data encryption key (DEK)

C. Key encryption key (KEK)

D. Key management server (KMS)

Correct Answer: BC

Reference:

<https://www.vmware.com/content/dam/digitalmarketing/vmware/en/pdf/techpaper/vm-encryption- vsphere65-perf.pdf>

QUESTION 9

What are two functions of vSphere Lifecycle Manager? (Choose two.)

A. Update ESXi hosts in a cluster using baselines

B. Upgrade VMware Tools and virtual machine hardware

- C. Run vCenter Server interoperability reports
- D. Run vCenter Server upgrade pre-checks
- E. Update standalone ESXi hosts using images

Correct Answer: BE

QUESTION 10

An administrator is investigating the reason for a virtual machine restarting. In the vmware.log file, the administrator finds the following error:

```
svga | I120: WinBSOD: ( 1) 'A problem has been detected and Windows has
been shut down to prevent damage'
svga | I120: WinBSOD: ( 2) 'to your computer.'
svga | I120: WinBSOD: ( 4) 'If this is the first time you've seen this
Stop error screen,'
svga | I120: WinBSOD: ( 5) 'restart your computer. If this screen
appears again, follow'
svga | I120: WinBSOD: ( 6) 'these steps:'
svga | I120: WinBSOD: ( 8) 'Disable or uninstall any anti-virus, disk
defragmentation'
svga | I120: WinBSOD: ( 9) 'or backup utilities. Check your hard drive
configuration,'
svga | I120: WinBSOD: (10) 'and check for any updated drivers. Run
CHKDSK /F to check'
svga | I120: WinBSOD: (11) 'for hard drive corruption, and then restart
your computer.'
svga | I120: WinBSOD: (13) 'Technical information:'
svga | I120: WinBSOD: (15) '*** STOP: 0x00000024
(0x000000000001904FB, 0xFFFFF880069B2CE8, 0xFFFFF880069B2540,0'
svga | I120: WinBSOD: (16) 'xXXXXX880014F5FA2)
```

What is a likely cause of this virtual machine restart? (Choose the best answer.)

- A. Guest operating system fault
- B. User or API request to shut down guest operating system
- C. High Availability
- D. User or API request to restart guest operating system

Correct Answer: A

QUESTION 11

Which two vSphere features enable remote site availability? (Choose two.)

- A. Proactive High Availability
- B. vSphere Fault Tolerance
- C. Cross vCenter Migration
- D. vSphere vMotion
- E. vSphere Replication

Correct Answer: AE

QUESTION 12

An administrator places a 300 GB virtual machine named "Finance1" on a 2 TB datastore containing other virtual machines. After virtual machine placement, the datastore has 200 GB of free space. The accounting department takes a nightly snapshot of Finance1, then deletes the previous snapshot. The administrator is concerned about snapshots filling the datastore.

Which statement is true regarding snapshots? (Choose the best answer.)

- A. The snapshots on Finance1 cannot outgrow the datastore in less than 24 hours.
- B. Any snapshot on Finance1 has the potential to fill the datastore to capacity.
- C. vCenter Server will not allow snapshots to fill the datastore beyond 95%.
- D. The snapshots on Finance1 will be automatically committed if SEsparse format is used.

Correct Answer: A

QUESTION 13

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

1.
A content library named `CORP` is published at corporate headquarters on a vCenter Server named `vcenterCorp`.
2.
A regional data center contains a set of hosts managed by a vCenter Server named vcenterR1.
3.
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.)

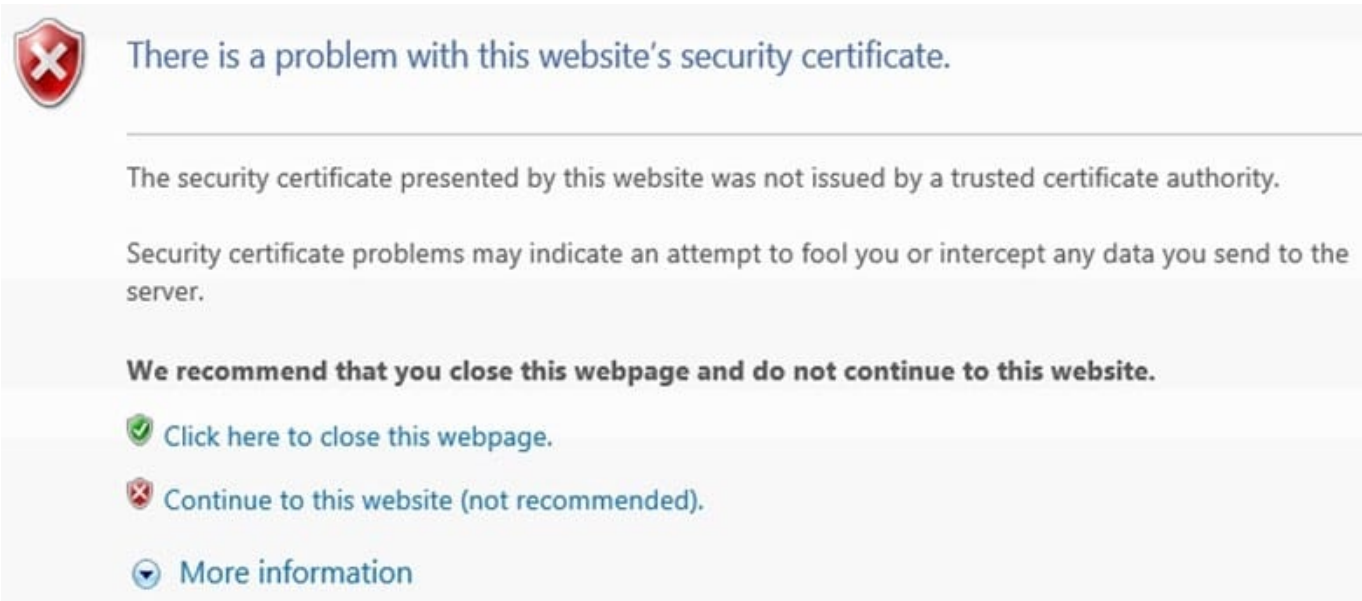
- A. Configure vcenterR1 to download all library content immediately.

- 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.

Correct Answer: BD

QUESTION 14

Refer to the exhibit.



There is a problem with this website's security certificate.

The security certificate presented by this website was not issued by a trusted certificate authority.

Security certificate problems may indicate an attempt to fool you or intercept any data you send to the server.

We recommend that you close this webpage and do not continue to this website.

- Click here to close this webpage.
- Continue to this website (not recommended).
- More information

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.

Correct Answer: D

QUESTION 15

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

Correct Answer: A

Reference: <https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.esxi.install.doc/GUID-4D8EDD07-6C77-4845-8F0E-A0F4C9102840.html>

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