

VMware

Exam Questions 2V0-21.20

Professional VMware vSphere 7.x



NEW QUESTION 1

An administrator can attach a baseline to which two inventory objects? (Choose two.)

- A. Resource pools
- B. ESXi hosts
- C. Data centers
- D. Datastores
- E. Templates

Answer: BC

NEW QUESTION 2

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. An ESXi 7.0 host can automatically upgrade a VMFS5 datastore.
- B. VMFS3 is no longer supported with ESXi 7.0.
- C. VMFS5 is no longer supported with ESXi 7.0.
- 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: CE

NEW QUESTION 3

What can an administrator use to partition limited CPU and memory resources between two departments?

- A. Resource pools
- B. vCenter folders
- C. vSphere distributed switch
- D. vSphere High Availability

Answer: C

NEW QUESTION 4

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

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

Answer: AB

NEW QUESTION 5

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 6

What is a minimum disk controller requirement for VMware vSAN?

- A. A disk controller in pass-through or RAID 5 mode
- B. A disk controller in pass-through or RAID 0 mode
- C. A disk controller in pass-through or RAID 1 mode
- D. A disk controller in JBOD mode

Answer: B

NEW QUESTION 7

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?

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

Answer: C

NEW QUESTION 8

Which feature can an administrator use for site availability with minimal effort and a low recovery point objective (RPO)?

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

Answer: A

NEW QUESTION 9

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 10

What is the minimum CPU core requirement for successful installation, or upgrade, of ESXi on a host?

- A. 1
- B. 2
- C. 32
- D. 8

Answer: D

NEW QUESTION 10

An administrator wants to configure vCenter Server High Availability so that each node is located in a different data center. Which requirement must be met?

- A. Network latency between the nodes must be less than 10 milliseconds.
- B. A vCenter Server license must be assigned to each node.
- C. Each node must be configured with at least three network adapters.
- D. All nodes must be located on a vSAN datastore in each data center.

Answer: B

NEW QUESTION 14

Which local only host utility is used for primary, real-time performance monitoring in vSphere?

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

Answer: D

NEW QUESTION 18

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 20

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 25

Which two VMware features are supported in a virtual machine using Intel Software Guard Extensions (Intel SGX) technology? (Choose two.)

- A. vSphere vMotion
- B. Storage I/O Control
- C. Virtual machine suspend and resume
- D. VM encryption
- E. Fault tolerance

Answer: BE

NEW QUESTION 30

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 34

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?

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

Answer: C

NEW QUESTION 37

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 41

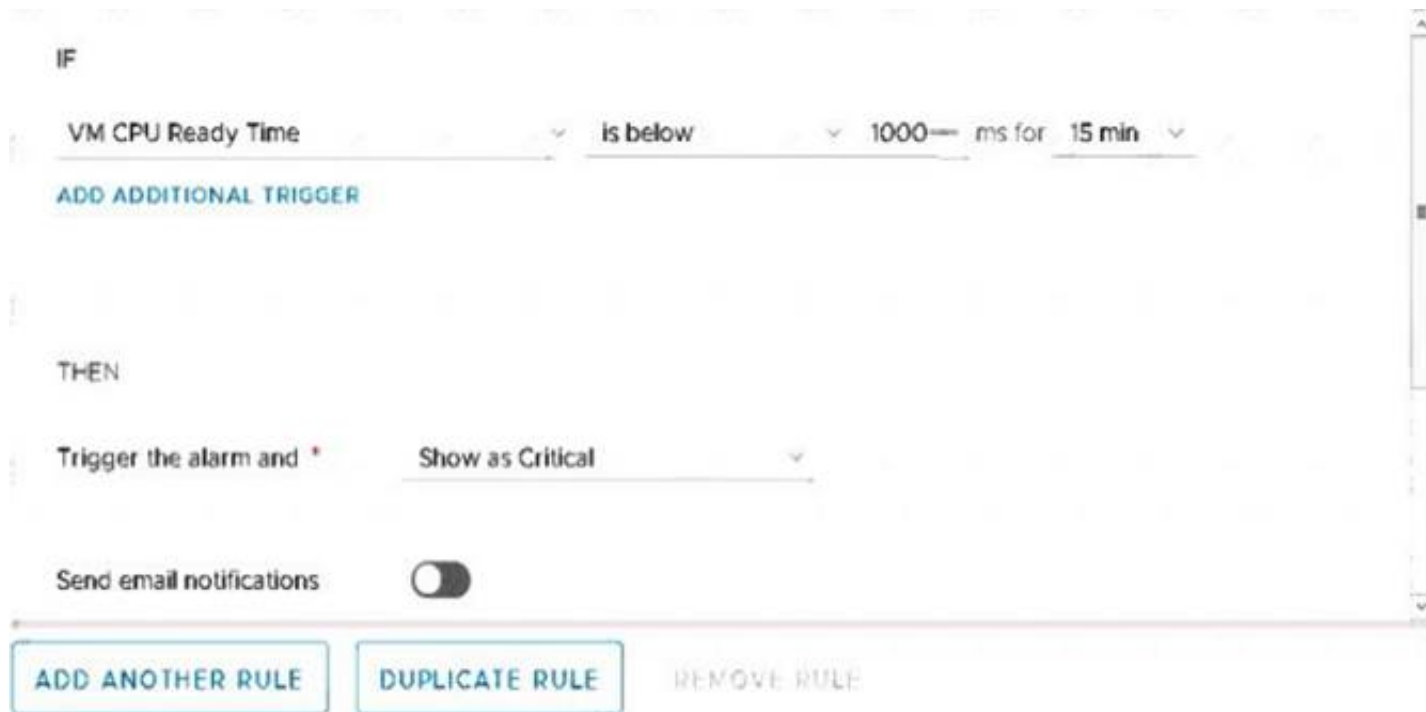
Which feature is a pre-requisite for configuring admission control on a cluster?

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

Answer: B

NEW QUESTION 43

Refer to the exhibit.



The screenshot shows the 'IF' section of an alarm rule configuration. The trigger is set to 'VM CPU Ready Time' with a condition of 'is below' a value of '1000' ms for a duration of '15 min'. Below this, there is a link to 'ADD ADDITIONAL TRIGGER'. The 'THEN' section shows 'Trigger the alarm and' with a dropdown menu set to 'Show as Critical'. At the bottom, there is a toggle for 'Send email notifications' which is currently turned off. At the very bottom, there are three buttons: 'ADD ANOTHER RULE', 'DUPLICATE RULE', and '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 48

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 52

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 55

Which step can an administrator take so that vSphere can access patch information if vCenter Server does NOT have Internet access?

- 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. Install VMware vSphere Update Manager Download Service on a Linux server.
- D. Use an offline ISO file to import patches to the vSphere Lifecycle Manager depot manually.

Answer: A

NEW QUESTION 57

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 58

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 60

In a vSphere High Availability (vSphere HA) cluster, which condition can be detected by datastore heartbeating?

- A. Datastore All Paths Down (APD) event
- B. Network isolation
- C. Fault tolerance virtual machine (VM) failover
- D. Virtual machine (VM) disk failure

Answer: C

NEW QUESTION 63

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?

- A. Virtual machine power off
- B. Virtual machine migration
- C. Virtual machine snapshot
- D. Virtual machine reconfiguration

Answer: D

NEW QUESTION 65

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 66

Refer to the exhibit.


```

9:04:41am up 5 min, 637 worlds, 4 VMs, 6 vCPUs; CPU load average: 0.33, 0.09, 0.00
PCPU USED(%): 89 90 95 97 AVG: 92
PCPU UTIL(%): 88 89 94 96 AVG: 92

```

ID	GID NAME	NWLD	%USED	%RUN	%SYS	%WAIT	%VMWAIT	%RDY	%IDLE	%OVRLP	%CSTP	%MLMTD	%SWPNT
8	8 helper	294	0.00	400.00	0.00	28784.56	-	400.00	0.00	400.00	0.00	0.00	0.00
1	1 system	152	1.35	31.90	0.15	14796.04	-	373.34	0.00	0.29	0.00	0.00	41.54
14865	14865 Linux2	7	73.32	74.45	0.07	582.88	0.32	50.48	0.11	0.20	0.00	0.00	0.00
14873	14873 Win1	9	115.74	116.08	0.00	743.07	16.52	45.26	23.51	0.36	5.66	0.00	0.00
14881	14881 Win2	9	104.23	104.40	0.00	759.42	16.44	43.60	41.62	0.35	2.63	0.00	0.00
14895	14895 Linux1	7	67.84	69.86	0.00	605.51	0.00	32.46	0.00	0.08	0.00	0.00	0.00
5485	5485 hostd.66720	21	2.30	2.30	0.00	2100.00	-	2.16	0.00	0.00	0.00	0.00	0.00
5233	5233 rhttpproxy.6668	14	0.29	0.30	0.01	1400.00	-	0.93	0.00	0.00	0.00	0.00	0.00
9	9 drivers	12	0.00	0.00	0.00	1200.00	-	0.21	0.00	0.00	0.00	0.00	0.00
10	10 ft	4	0.00	0.00	0.00	399.89	-	0.20	0.00	0.00	0.00	0.00	0.00
1012	1012 vmsyslogd.65822	3	0.13	0.14	0.00	300.00	-	0.16	0.00	0.00	0.00	0.00	0.00
14857	14857 esxtop.68027	1	2.78	3.89	0.00	97.10	-	0.13	0.00	0.00	0.00	0.00	0.00
14777	14777 sshd.68017	1	0.07	0.07	0.00	100.00	-	0.07	0.00	0.00	0.00	0.00	0.00

What does the %RDY for the Win1 virtual machine indicate?

- A. High CPU wait time
- B. Low CPU usage
- C. High CPU contention
- D. Low CPU contention

Answer: D

NEW QUESTION 69

vCenter High Availability (HA) protects vCenter Server against host and hardware failures. What is the minimum number of ESXi hosts required to enable this capability?

- A. 3
- B. 1
- C. 7
- D. 5

Answer: C

NEW QUESTION 74

Which TCP/IP stack can support management traffic, vSphere vMotion, IP storage and vSphere Fault Tolerance?

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

Answer: D

NEW QUESTION 79

An IT department is decommissioning a storage array and Casks an administrator with removing a datastore from ESXi hosts. What is a prerequisite for unmounting the datastore?

- A. The datastore is NOT being used by vSphere High Availability heartbeating.
- B. The datastore is NOT referenced by a host profile.
- C. The datastore does NOT contain powered-off virtual machines.
- D. The datastore is NOT managed by Storage DRS.

Answer: A

NEW QUESTION 84

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

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

Answer: D

NEW QUESTION 85

What is a pre-requisite for increasing datastore capacity?

- A. The datastore is 100% full.
- B. The datastore is managed by Storage DRS (SDRS).

- C. The backing device for the datastore has enough free space.
- D. There are NO powered-on virtual machines on the datastore.

Answer: C

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.storage.doc/GUID-D57FEF5D-75F1-4>

NEW QUESTION 86

What are two pre-requisites for enabling ESXi secure boot? (Choose two.)

- A. External Key Management Service
- B. Unified Extensible Firmware Interface (UEFI)
- C. vCenter Server 7.0 or greater
- D. ESXi 7.0 or greater
- E. Trusted Platform Module version 2.0

Answer: CE

Explanation:

<https://docs.vmware.com/en/VMware-vSphere/7.0/com.vmware.vsphere.security.doc/GUID-10F7022C-DBE1-4>

NEW QUESTION 89

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