

VMware.Premium.1V0-21.20.50q - DEMO

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Exam Name: Associate VMware Data Center Virtualization
Certification Provider: VMware
Website: <https://VCEup.com/>
Free Exam: <https://vceup.com/exam-1v0-21-20/>



Exam A**QUESTION 1**

An administrator would like to enable a switch setting to restrict the network bandwidth that is available to ports, but the solution must also allow bursts of traffic to flow through at higher speeds. Which vSphere Distributed Switch setting accomplishes this goal?

- A. Monitoring
- B. Security
- C. Traffic shaping
- D. Teaming and failover

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 2

Refer to the exhibit:



An administrator deletes the Service 1.5 snapshot. What is the result of this action?

- A. Reversion to Service 1 snapshot, and Service 2 snapshot will remain.
- B. Reversion to Service 1 snapshot, and Service 2 snapshot will be deleted.
- C. Reversion to Service 2 snapshot, and Service 1 snapshot will be deleted.
- D. Deletion of all snapshots.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Which hypervisor is a type-1 hypervisor?

- A. Oracle VM VirtualBox
- B. VMware ESXi
- C. VMware Fusion
- D. VMware Workstation

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

A system administrator is preparing a host in a vSphere DRS cluster in partially automated mode for firmware patching and puts a host into maintenance mode. After several minutes, the host still has not entered maintenance mode. How should the system administrator resolve this problem?

- A. The system administrator needs to schedule DRS to run again.
- B. vSphere Lifecycle Manager and DRS integration need to be configured.
- C. vSphere HA admission control needs to be enabled on the cluster.
- D. The system administrator needs to migrate virtual machines using vSphere vMotion.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

Which IP storage is supported on vSphere?

- A. SCSI
- B. vSAN
- C. SAN
- D. iSCSI

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Which vSphere feature protects against host hardware failures by restarting virtual machines (VMs) on hosts that are running in the cluster?

- A. vSphere HA
- B. vSphere vMotion
- C. vSphere Fault Tolerance
- D. vSphere DRS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

An administrator must ensure that virtual machines have their initial placement performed automatically and that migration recommendations are displayed but not applied. Which vSphere DRS Automation Level should the administrator use?

- A. Aggressive
- B. Manual
- C. Partially Automated
- D. Fully Automated

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 8

An administrator is trying to configure EVC on a cluster that has both AMD and Intel hosts, but the configuration is failing. What is causing this failure?

- A. The administrator did not separate out the hosts by processor type prior to enabling EVC.
- B. The administrator did not configure vMotion on all hosts prior to enabling EVC.
- C. The administrator did not remove all passthrough devices prior to enabling EVC.
- D. The administrator did not configure vSphere HA prior to enabling EVC.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which DRS score indicates that the virtual machine (VM) is experiencing severe resource contention?

- A. 50%
- B. 95%
- C. 70%
- D. 15%

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

An administrator is working on a cloud migration project. The project has a requirement to check the EVC mode for virtual machines (VMs) hosting an application. How can the administrator find the FVC details for these VMs?

- A. Select Host > VMs > Show/Hide Column > EVC Mode
- B. Right click VM > Migrate > Change storage only > Select Datastore > Next > Finish
- C. Power off VM > Configure > VMware EVC
- D. Right click VM > Migrate > Change compute resource only > Select Host > Next > Finish

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Which configuration setting prevents a packet sniffing program from analyzing network packets on the virtual switch?

- A. Promiscuous Mode set to Reject
- B. Promiscuous Mode set to Accept
- C. Forged Transmits set to Accept
- D. Forged Transmits set to Reject

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

What is the default encrypted vSphere vMotion state for virtual machines that are not encrypted?

- A. Disabled
- B. Required
- C. Opportunistic
- D. Enabled

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

A group of VMs is experiencing high latency on a portgroup in an ESXi host.

Which option can a vSphere administrator use to move some of the VMs to another portgroup?

- A. IP hash
- B. Network I/O Control
- C. vSphere vMotion
- D. Network Port Binding

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

An administrator has applied a Service 2 patch after taking a snapshot. The administrator then realizes that a Service 1.5 patch should have been applied before the Service 2 patch.

Refer to the exhibit:



Which series of actions should be taken to manage this issue?

- A. Delete all the snapshots, take a snapshot, and apply Service 1.5 patch.
- B. Remain at Service 2, take a snapshot, and apply Service 1.5 patch.
- C. Delete Service 1, take a snapshot, and apply Service 1.5 patch.
- D. Revert to Service 1, take a snapshot, and apply Service 1.5 patch.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 15

On a vSphere Standard Switch, which setting should an administrator configure to improve the networking efficiency by increasing the amount of payload data transmitted with a single packet?

- A. VLAN
- B. LACP
- C. MTU (Bytes)
- D. NIC Teaming

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16

A vSphere administrator sees the alarm: vSphere HA virtual machine failed to failover This occurred for virtual machines (VMs) in a cluster with vSphere High Availability (HA) enabled. The guest operating system on the VMs did not report a power failure.
What is a possible cause of this event?

- A. The host is still running but has disconnected from the network.
- B. The VMs cloning operations did not complete.
- C. A reboot of vCenter Server impacted vSphere HA.
- D. The VMs encountered an error during migration using vSphere vMotion.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 17

An administrator is asked to copy a single hard disk from one datastore to another. Which virtual machine file type should the administrator select?

- A. vmdk
- B. vswp
- C. vmx
- D. vmss

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 18

Which two physical resources are abstracted by the hypervisor and presented to virtual machines?
(Choose two.)

- A. CPU
- B. Libraries
- C. Application
- D. Desktop
- E. Memory

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

Which feature must be enabled to configure vSphere Proactive HA?

- A. vSphere DRS
- B. Cluster EVC
- C. Fault Tolerance
- D. vSphere HA

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 20

A vSphere administrator needs to create an exact replica of a virtual machine as a safeguard prior to changing the virtual machine configuration. Which vSphere feature accomplishes this requirement?

- A. vSphere Fault Tolerance
- B. vSphere vMotion
- C. Cloning
- D. Snapshots

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 21

Which action must an administrator perform in the vSphere Client to create a copy of a running virtual machine?

- A. Right-click the VM template > New VM from This Template
- B. Right-click the VM > Clone > Clone to Template
- C. Right click the VM > Clone > Clone to Virtual Machine
- D. Right-click the VM template > Convert to Virtual Machine

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

Which problem is solved by migrating virtual machines (VMs) using vSphere vMotion?

- A. A vSphere cluster that needs to be upgraded without any VM downtime.
- B. A problem that occurred during VM patching and a roll-back is needed.
- C. The names of the VM files that do not match the inventory name of the VM.
- D. Heavy storage traffic and latency that are concentrated in a few datastores.

Correct Answer: D

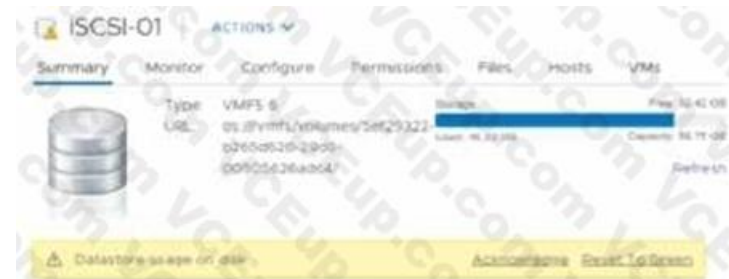
Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

Refer to the exhibit:



Which piece of information should a vSphere operator conclude about iSCSI-01?

- A. The datastore failed because it reached its capacity limit.
- B. The datastore does not have any free capacity.
- C. The disk usage on the datastore is above 75%.
- D. The datastore usage on disk was reset to green.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 24

A vSphere administrator has migrated a virtual machine between two ESXi hosts using vSphere vMotion and notices that the VM can no longer be pinged. What caused this situation?

- A. The virtual machine has RDMs attached.
- B. A different datastore is being used after the migration.
- C. There is an MTU mismatch.
- D. The destination portgroup has an incorrect VLAN tag.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

An administrator is migrating 100 virtual machines from one ESXi Host to another. The current iGigE network cards are only migrating four virtual machines simultaneously. Which action should the administrator take to increase that number to eight?

- A. Add more memory to the ESXI hosts
- B. Add a IOGlgE network card to each ESXI host
- C. Configure port mirroring
- D. Configure Load Balancing

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A vSphere operator can only configure up to two virtual CPUs when deploying a new virtual machine (VM).

Refer to the exhibit:



What is the cause erf this situation?

- A. VMs support a maximum of 2 CPUs.
- B. The selected cluster is not in DRS mode.
- C. The selected ESXI host has only 2 CPUs.
- D. The compatibility selected is "ESXi 6.5 and later".

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

Which vSphere DRS setting determines how aggressive vSphete DRS will be when recommending migrations to improve VM happiness?

- A. Predictive DRS
- B. Virtual Machine Automation
- C. Automation Level
- D. Migration Threshold

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 28

Which feature allows an administrator to implement master copies of virtual machines to create ready-for-use virtual machines?

- A. Templates
- B. Resource Pools

- C. Snapshots
- D. Custom Attributes

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

A system administrator opened a technical support trouble ticket and was asked to provide the suspended virtual machine's memory contents. Which file from the virtual machine directory will the system administrator need to upload to technical support?

- A. vm.vmdk
- B. vm.vmsx
- C. vm.vmx
- D. vm.log

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

Which software-defined, object-based storage solution provides shared storage for vSphere clusters without using traditional external storage?

- A. iSCSI
- B. vSAN
- C. NFS
- D. vVOLS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

A system administrator has to configure several virtual machines for different business units. The administrator needs to enable features that allow overcommitment of resources while adhering to the business requirements and different department performance SLAs.

Which two features should the administrator enable to achieve this goal? (Choose two.)

- A. vSphere Distributed Power Management
- B. vSphere Fault Tolerance
- C. vSphere Resource Pools
- D. vSphere High Availability
- E. vSphere Storage I/O Control

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

Which configuration setting ensures that virtual networks on a virtual switch are isolated from each other?

- A. Port ID
- B. Network Label
- C. Security Policy
- D. VLAN ID

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

A vSphere administrator wants to monitor the CPU usage of all virtual machines (VMs) in a specific host cluster using alarms. Which sequence of actions should the administrator use?

- A. Click on the ESXI host and add an alarm.
- B. Click on the cluster and add an alarm.
- C. Click on individual VMs and add an alarm.
- D. Click on the VMs folder and add an alarm.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

An administrator needs to upgrade the guest operating system installed in a virtual machine. The administrator wants to safely ensure that the selected operating system is supported by ESXi. Which action should the administrator take to meet this goal?

- A. Perform a guest OS and product search In the VMware Compatibility Guide.
- B. Look in the guest OS version drop-down menu of the VM.
- C. Snapshot the VM before performing the operating system upgrade.
- D. Check the web page of the guest operating system vendor.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

Which event type indicates a Fatal problem has occurred in the system, and the process or operation will be terminated?

- A. Information
- B. Audit
- C. Error
- D. Warning

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

Which feature must be enabled to use vSphere Fault Tolerance?

- A. vSphere DRS
- B. vSphere Replication
- C. vSphere HA
- D. vSAN

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

Which two improvements to the management of a VM are gained when VMware Tools are used?
(Choose two.)

- A. Performs a clone of the VM
- B. Adds VM alarms to the inventory
- C. Makes a graceful shutdown of the VM possible
- D. Allows a snapshot before the guest OS is upgraded
- E. Synchronizes time between the guest and the host

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

Which file system protocol is supported by vSphere?

- A. NFS
- B. iSCSI
- C. SAN
- D. vSAN

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

An administrator has observed an alert message in the vSphere UI related to a host's storage sensor hardware. Where should the administrator look for more information related to this alert?

- A. Menu > Lifecycle Manager > Baselines
- B. Host > Monitor > Skyline Health
- C. Host > Monitor > Hardware Health > Storage Sensors
- D. Host > Monitor > Hardware Health > System Event Log

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 40**

Which two vSphere features help address an organization's business availability challenges? (Choose two.)

- A. vSphere Fault Tolerance
- B. vSphere Pod Service
- C. vSphere DPM
- D. vSphere Trust Authority
- E. vSphere High Availability

Correct Answer: AE

Section: (none)

Explanation**Explanation/Reference:****QUESTION 41**

Which feature helps maintain zero data loss when a VM on an ESXi server fails unexpectedly?

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

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 42**

Which vSphere component centralizes automated patch and version management for clusters, ESXi, drivers and firmware, Virtual Hardware, and VMware Tools?

- A. vSphere DRS
- B. VMware Cloud Foundation
- C. Content Library
- D. vSphere Lifecycle Manager

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 43**

A vSphere operator finds this error message:

Device or filesystem with identifier [naa.6000eb31dffdc33a000000000000002a] has entered the All Paths Down state.

What should the operator conclude from this error message?

- A. A host is inaccessible, and migration of affected VMs is expected.
- B. A host failed, and automated recovery of affected VMs is expected.
- C. A storage device has failed and is not expected to become available.

D. A storage device is inaccessible and is expected to become available.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

What is a benefit of VMware vSphere Storage APIs - Data Protection?

- A. It enables centralized, off-host, LAN-free backup of vSphere virtual machines.
- B. It allows backup of a virtual machine with a backup agent in the guest OS.
- C. It increases ESX host resources to do backup processing.
- D. It facilitates decentralized, on-host, LAN-free backup of vSphere virtual machines.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

During a virtual machine migration, which VMkernel networking layer handles the traffic?

- A. Fault Tolerance
- B. IP storage
- C. vSAN
- D. vSphere vMotion

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

Which two storage protocols can a virtual infrastructure operator use to create a VMFS datastore?
(Choose two.)

- A. Fibre Channel
- B. NFS
- C. iSCSI
- D. CIFS
- E. SMB

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

Which hardware is required to support Fibre Channel storage?

- A. iSCSI adapter
- B. HBA
- C. CNA
- D. NIC

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

An administrator is concerned that a VM has high ballooning activity and needs to check the default display of the Advanced Performance pane in the vSphere Client to confirm this activity. Which view should the administrator choose in the default display?

- A. Network
- B. Power
- C. Memory
- D. Virtual disk

Correct Answer: D

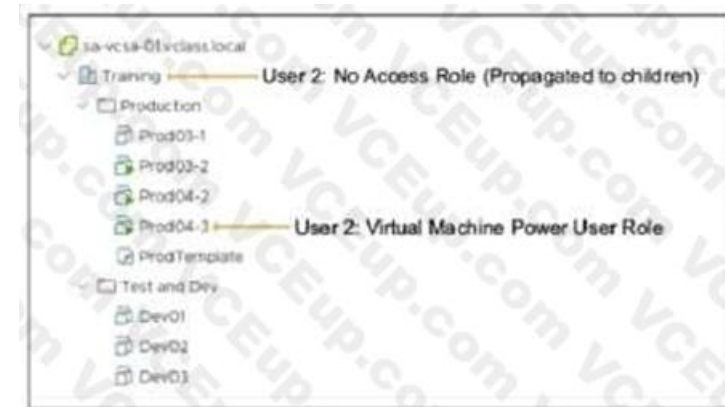
Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Refer to the exhibit:



Which statement is true about the access privileges of User 2?

- A. User 2 has virtual machine power user privileges to Prod04-3.
- B. User 2 has no access to all objects in the Production folder and Test and Dev folder.
- C. User 2 has virtual machine power user privileges to all VMs in the Production folder.
- D. User 2 has access to all objects in the Production folder and no access to Dev01, Dev02, and Dev03.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

An administrator would like to add a new server into an existing vSphere cluster. The servers are running Intel processors. The administrator needs to ensure that the new server can be added to the cluster with the same processor baseline

as the existing servers.

Which strategy should be used to achieve this goal?

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

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference: