

2V0-21.19

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2V0-21.19



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Exam A

QUESTION 1

A vSphere Administrator has multiple virtual machines running on a VMFS datastore.
Which option prioritizes the disk access for the virtual machines?



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- A. Disk Shares
- B. Disk Mode
- C. Disk Type
- D. Hard Disk



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

What should be installed on a VM to assist with VM-to-host time synchronization?

- A. VMware Tools
- B. vRA guest agent
- C. vROps agent
- D. Guest Operations Manager

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.vm_admin.doc/GUID-C0D8326A-B6E7-4E61-8470-6C173FDDF656.html

QUESTION 3

An administrator runs a vSphere cluster containing database VMs with extremely heavy disk I/O. Database VMs are placed on a costly all-flash array. The workloads are not memory intensive.

How can the administrator ensure the most cost-effective utilization of the all-flash storage array?

- A. Enable Storage I/O Control on the flash datastores.
- B. Install VMware Tools on the database VMs to ensure the hypervisor can receive I/O metrics.
- C. Use a VM-to-Host affinity rule to ensure database VMs are prioritized.
- D. Edit the cluster settings to place the virtual machine swap file on a different storage tier.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-2D749168-6BEE-4218-B95688980CE6AA9E.html>

QUESTION 4

What is a benefit of using resource pools?

- A. Increased visibility of user activity
- B. Increased vMotion efficiency for a set of VMs
- C. Increased accuracy for proactive resources for a set of VMs
- D. Increased ease of reserving resources for a set of VMs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

A vSphere administrator is working in a high security environment. The administrator wants to ensure unencrypted VMs can be migrated securely. What should the vSphere administrator use to meet this requirement?

- A. vTPM
- B. UEFI Secure Boot
- C. KMS server
- D. encrypted vSphere vMotion

Correct Answer: D

Section: (none)

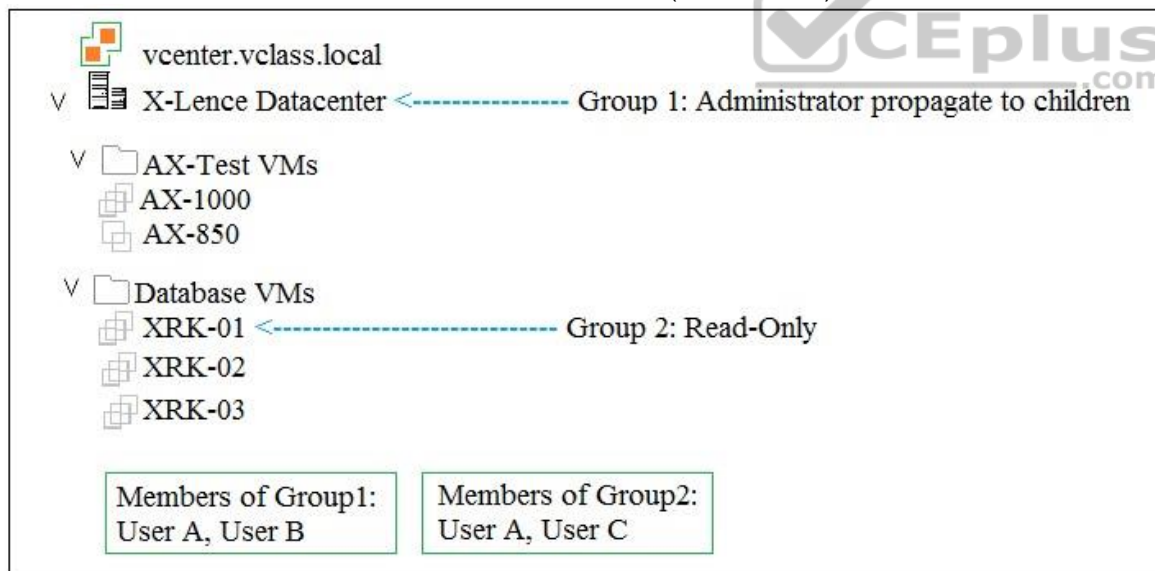
Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-6865D84A-C286-49C4-A4D4-D62145150242.html>

QUESTION 6

Which two tasks are allowed in the X-Lence data center? (Choose two.)



- A. User C can convert AX-850 to VM.

- B. User B can delete from disk XRK-01.
- C. User A can take a snapshot on XRK-01.
- D. User A can take a snapshot on AX-1000.
- E. User C can view configuration of AX-1000.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

What are two components of a VM-Host affinity rule? (Choose two.)

- A. Host Group
- B. Cluster settings
- C. VM restart priority
- D. VM restart action
- E. VM Group



Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-2FB90EF5-7733-4095-8B66F10D6C57B820.html>

QUESTION 8

In a single cluster VM encryption scenario, which two VMs should be excluded from encryption? (Choose two.)

- A. Platform Services Controller
- B. vSphere Replication Appliance
- C. vRealize Operations Manager
- D. VMware vCenter Server
- E. vRealize Log Insight

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

A vSphere administrator creates a VM with 2 vCPUs and 4GB memory. A 3GB memory reservation is applied to the VM. What size is .vswp file when the VM is powered on?

- A. 1GB
- B. 2GB
- C. 3GB
- D. 4GB

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 10

An administrator suspects poor VM performance. The administrator runs `esxtop` and sees the following output from the CPU and memory screens:

```
▪ 6:48:19pm up 4:22, 528 worlds, 8 VMs, 16 vCPUs, CPU load average: 0.26, 0.36, 0.16 ▪  
VMKMEM/MB: 8151 managed: 407 minfree, 3055 rsvd, 5095 ursvd, high state
```

What can the administrator conclude from this output?

- A. The host has too many worlds running.
- B. The host is ballooning.
- C. The host has adequate memory.
- D. The host is under CPU pressure.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

Which teaming and failover policy offers the lowest latency when a failover or a migration with vSphere vMotion occurs?

- A. Network failure detection
- B. Failback
- C. Notify switches
- D. Load balancing

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.networking.doc/GUID-4D97C749-1FFD-403D-B2AE-0CD0F1C70E2B.html>

QUESTION 12

Which two features should an administrator use to protect a VMware vCenter Server Appliance from host and hardware failures? (Choose two.)

- A. VMware Distributed Power Management
- B. vCenter High Availability
- C. vSphere High Availability
- D. vSphere Fault Tolerance
- E. VMware vSphere Distributed Resource Scheduler

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

What is used by a VM for direct access to a LUN?

- A. vSAN
- B. RDM

- C. NVMe
- D. ext3

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.storage.doc%2FGUID-D06EC5D3-FCE6-4E07-89670D146A12FEA0.html>

QUESTION 14

A vSphere administrator uses a Dedicated Failover Hosts Admission Control Policy in a cluster. An ESXi host fails and vSphere HA attempts to restart the VMs onto the dedicated failover hosts. The hosts have insufficient resources. What happens to the VMs?

- A. vSphere HA restarts VMs in another cluster.
- B. vSphere HA suspends the VMs until a host is available.
- C. vSphere HA powers down the VMs.
- D. vSphere HA attempts to restart the VMs on other hosts in the cluster.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-C4F5F9EE-4235-4151-BEBEFCB2A752407B.html

QUESTION 15

Which migration technique could be used to move a VM between vCenters while the VM is powered on?

- A. Suspended
- B. Shared-nothing vSphere vMotion
- C. Cold
- D. Storage vMotion

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vcenterhost.doc/GUID-FE2B516E-7366-4978-B75C-64BF0AC676EB.html>

QUESTION 16

Which permission should be granted to a user with Administrator permission and with no access to the encrypted VM console?

- A. New role with no Cryptographic Operations
- B. Administrator role and Read Only Role
- C. Administrator role
- D. No Cryptography Administrator role

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-17568345-E59E-43A8-A811-92F8BE9C7719.html#GUID-17568345-E59E-43A8-A811-92F8BE9C7719>

QUESTION 17

A vSphere administrator has the privilege Content library > Add library item on the vCenter object, but is unable to add items to a local content library.



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How would the vSphere administrator correct this?

- A. Remove the No Access role on the vCenter object.
- B. Restart the Content Library Service.

- C. Assign the privilege to the global root object.
- D. Reboot the vCenter Server Appliance.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 18

What should the administrator do to monitor the size of the VM snapshot?

- A. Use native Guest OS monitoring tools.
- B. Install VMware Tools.
- C. Create a condition-based alarm.
- D. Run `esxtop`.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1018029>

QUESTION 19

An administrator is elevating the security posture of a vSphere environment after a recent data breach. All VMs will be encrypted as part of this plan. Which additional component is required for the encryption?

- A. KMS server
- B. two-factor authentication
- C. encrypted vSphere vMotion
- D. vSAN encryption

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 20

Which file extension can export host customization for host profiles?

- A. .xls
- B. .xml
- C. .csv
- D. .json

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.hostprofiles.doc/GUID-2E7398E2-1CF2-4448-96A3-1371B10936B1.html>

QUESTION 21

A vSphere administrator notices performance issues with the vCenter Server Appliance. The CPU usage is over 70%. Which two actions should the administrator take to investigate the performance issues? (Choose two.)

- A. Verify if all hosts are in a connected state.
- B. Use esxtop to identify which process are using high CPU.
- C. Use vimtop to identify which processes are using high CPU.
- D. Check the vCenter HA configuration.
- E. Check if vCenter Server is swapping.

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 22

What could cause a high %RDY value?

- A. Incompatible network driver
- B. memory fully allocated
- C. too many vCPUs configured

D. disk latency greater than 2ms

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 23

A vSphere Administrator wants to move a vCenter Server with an external Platform Services Controller from one SSO domain to another SSO domain. Which option in cmsso-util will achieve this?

- A. domain-repoint
- B. reconfigure
- C. unregister
- D. repoint

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vcenter.install.doc/GUID-6994BBFF-D774-4D83-B694-6595E06569AC.html>

QUESTION 24

Using vSphere HA Orchestrated Restart an administrator places the most mission critical VM in the highest priority. After a host failure, the highest priority VM fails to restart while VMs in high priority restart. What would cause this to occur?

- A. There are insufficient cluster resources.
- B. Performance degradation VMs tolerate threshold is at default.
- C. VMware Tools is not installed.
- D. Proactive HA is disabled.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

An administrator wants to ensure the VMs for two different departments are separated on a single broadcast domain. Which configuration fulfills this requirement?

- A. PVLAN on Uplink Port
- B. PVLAN on VMkernel Interface
- C. PVLAN on VSSD. PVLAN on VDS

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 26

A vSphere administrator is trying to create a resource pool but the option is grayed out. What must be enabled before creating a resource pool?

- A. DRS
- B. Storage DRS
- C. EVC
- D. HA



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1004098>

QUESTION 27

Refer to the exhibit.

What is required to fix the PSOD?

```
VMware ESXi 6.7.0 (VMKernel Release Build 8169922)

Dell Inc. PowerEdge R630

2 x Intel(R) Xeon(R) CPU E5-2670 v3 @ 2.30GHz
255.9 GiB Memory

The system has found a problem on your machine and cannot continue.

UEFI Secure Boot failed:
Failed to verify signatures of the following vib(s): [net-tg3 net-i40e net-igb
net-ixgbe vmware-esx=perccli-1.05.08 ima-qla4xxx misc-cnic-register net-bnx2
net-bnx2x net-cnic net-qlcnic net-qlge scsi-bnx2fc scsi-bnx2i scsi-qla4xxx
scsi-me garaid-sas lsu-lsi-mptsas-plugin1.
All tardisks validated.
```

- A. Skip unused VIBs during boot up.
- B. Reboot the host.
- C. Remove unsigned VIBs.
- D. Reboot and enable secure boot from the UEFI firmware interface.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/2147606>

QUESTION 28

An administrator decides to implement vSphere networking using the VDS.

Which binding option should the administrator use to manage the VMs if vCenter becomes unavailable?

- A. static
- B. port
- C. ephemeral
- D. dynamic

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1022312>

QUESTION 29

Which vSphere APIs support storage hardware acceleration?

- A. vSphere APIs for Storage Awareness (VASA)
- B. vSphere APIs for I/O Filtering (VAIO)
- C. VMware vStorage APIs for Data Protection (VADP)
- D. VMware vSphere Storage APIs Array Integration (VAAI)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.storage.doc/GUID-F0FA0117-D48F-4F6F-BE3F-A06BF26F742C.html>

QUESTION 30

A vSphere administrator discovers the size of the .vswp file for a VM with 2 vCPUs and 4GB of memory is zero. What could be the cause?

- A. All VM memory is reserved.
- B. Memory reservation is not set.
- C. VM is running on a snapshot.
- D. VM is in a suspended state.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation: swap file = configured memory – memory reservation

QUESTION 31

Which action should be taken to secure iSCSI devices in a vSphere environment?

- A. Require Secure Remote Protocol.
- B. Require ESXi hosts to use iSCSI port binding.
- C. Require vCenter Enhanced Linked Mode.
- D. Require ESXi hosts to authentication to the target.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-DFC745FB-CDD6-4828-8948-4D0E0561EEF8.html>

QUESTION 32

What are two advantages of deploying a VDS as compared to a VSS? (Choose two.)

- A. Data center setup and administration are simplified by centralizing network configuration.
- B. There is IPv6 support for a VDS.
- C. 802.1Q tagging support is available.
- D. Uplinks are allowed to be configured in an Active/Standby configuration.
- E. Ports migrate with their clients.

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

An administrator needs to identify where the VM encryption settings are stored.
Which file stores the encryption setting?

- A. .vmdk
- B. .vmsd

C. .nvram

D. .vmx

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

In a vSphere HA enabled cluster, what happens if the master host is unable to communicate with a slave host over the management network?

A. The host is dropped from the cluster.

B. The master host uses datastore heartbeating.

C. A new master host is elected.

D. VMs are rebooted by vSphere HA.

Correct Answer: D

Section: (none)

Explanation



Explanation/Reference:

Reference: https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.avail.doc_50%2FGUID-B9ACCE9B-A14D-4B2F-87EF4B0A67ABDF58.html

QUESTION 35

Which VM storage policy rule category ensures all VMs for a department are on the same datastore?

A. Capability

B. Data Service

C. Host

D. Tag

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

A vSphere administrator has configured software iSCSI port binding in the environment with two VMkernel ports and four target portals. How many iSCSI sessions would be created from bound ports to targets?

- A. 2
- B. 4
- C. 8
- D. 16

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

A vSphere administrator is required to join all strategies ESXi hosts to an Active Directory domain for enhanced security. Which utility would accomplish this?

- A. Unified Access Gateway
- B. vSphere Update Manager
- C. vSphere Authentication Proxy
- D. vSphere Auto Deploy

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

An administrator runs multiple clusters spread across multiple vCenters. The administrator needs to be able to migrate any VM to any cluster. On which two vCenter Server objects could the administrator configure EVC mode to fulfill this requirement? (Choose two.)

- A. VM

- B. resource pool
- C. datacenter
- D. cluster
- E. folder

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 39

Which rule should be used in an SDRS environment to create a VM requiring virtual disks be kept on different datastores?

- A. VM Anti-Affinity Rule
- B. Intra-VM VMDK Affinity Rule
- C. VM-Host Affinity Rule
- D. Intra-VM VMDK Anti-Affinity Rule



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.resmgmt.doc%2FGUID-FC84ECD9-C7DA-4D27-B5EC0C8E396A6800.html>

QUESTION 40

What should be installed on a VM to enhance performance and enable additional features?

- A. RAMmap
- B. PsInfo
- C. Process Monitor
- D. VMware Tools

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/fusion-4/index.jsp?topic=%2Fcom.vmware.fusion.help.doc%2FGUID-82AEC35C-D3DC-42F4-A84B-542B1D501D2B.html>

QUESTION 41

A vSphere Administrator wants to convert a vCenter Server instance with an external Platform Services Controller to an embedded Platform Services Controller instance.

Which tool should be used to accomplish this?

- A. VMware vCenter Converter
- B. CloudClient Utility
- C. Convergence Utility
- D. Cmsso-util Utility

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vcenter.install.doc/GUID-A4E3C370-5F20-4A8D-9E66-FB45DD5CDD02.html>

QUESTION 42

An administrator runs vSphere Infrastructure in the following configuration:

- Single vCenter
- Multiple data centers
- Multiple clusters under each data center, all with identical hardware

The administrator wants to use host profiles to manage the hosts.

Where should the administrator attach the host profile?

- A. vCenter object
- B. each cluster
- C. each data center
- D. each folder

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

A new AD domain has just been added to vSphere as an identity source. This new domain has a user group called **administrators group**.



<https://vceplus.com/>

Which role do the **administrators group** users have by default, when authenticated to vCenter Server?

- A. Read Only
- B. No Cryptography Administrator
- C. Administrator
- D. No Access

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

Which optional module of vSphere Update Manager supports patch recalls and notifications?

- A. VMware vSphere Update Manager Download Service
- B. vCenter Server Lifecycle Manager Service
- C. vSphere Auto Deploy

D. VMware vSphere Update Manager Extension

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://blogs.vmware.com/vsphere/2019/02/using-the-vmware-update-manager-download-service-umds.html>

QUESTION 45

What is the outcome when two affinity rules conflict?

- A. VMs will continue to migrate
- B. Rules are applied based on priority
- C. Only one rule can be enabled
- D. Random rule enablement occurs

Correct Answer: C

Section: (none)

Explanation



Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.0/com.vmware.vsphere.resmgmt.doc/GUID-69C738B6-5FC8-4189-9CB5-DD90A5A05979.html>

QUESTION 46

What would cause an administrator to encounter a remote device backing error while running vMotion?

- A. VM running on too many snapshots
- B. Host CD-ROM attached to VM
- C. Virtual mode RDM attached to VM
- D. Host USB device attached to VM

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1003780?>

[other.KM_Utility.getArticleMetadata=2&CoveoV2.ContentHandler.getLoader=1&other.KM_Utility.getUser=1&other.KM_Utility.getAllTranslatedLanguages=2&other.KM_Utility.getContentDocument=1&ui-comm-runtime-components-aura-components-siteforce-qb.Quarterback.validateRoute=1&other.KM_Utility.getViewCount=1&r=2&other.KM_Utility.getKnowDetails=1&ui-communities-components-aura-componentsforceCommunity-seoAssistant.SeoAssistant.getSeoData=1&CoveoV2.EndpointHandler.getEndpoint=1&other.KM_Utility.getUrl=1&other.KM_Utility.getPRNumberLinks=1&other.KM_Utility.getCaseLike=1](#)

QUESTION 47

Which host profile operation can be scheduled?

- A. Check Host Profile Compliance
- B. Apply Host Profile
- C. Remediate a Profile
- D. Detach Host Profile

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: https://subscription.packtpub.com/book/virtualization_and_cloud/9781787127418/3/ch03lv1sec34/scheduling-host-profile-compliance-checks

QUESTION 48

An ESXi host with default settings is currently in normal lockdown mode.

Which action is granted to users with Administrator privileges on the host without adding them to the Exception User list?

- A. Access the host using the vCenter Server
- B. Access the host using an SSH session
- C. Access the host using the Host Client
- D. Access the host using the ESXi Shell

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-88B24613-E8F9-40D2-B838-225F5FF480FF.html>

QUESTION 49

A vSphere administrator has a requirement to move virtual machines between vCenter Servers using vSphere Client.

Which condition should be met for the Cross vCenter Server vMotion to succeed?

- A. vCenter Servers must be time-synchronized
- B. vCenter Servers should be appliances
- C. vCenter Servers should be in different vCenter Single Sign-on domains
- D. vCenter Servers should be on same version

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/2106952>

QUESTION 50

A vSphere administrator has disabled Fault Tolerance on a powered-off VM.

What could cause the VM to fail to power back on?

- A. insufficient CPU resources
- B. VM shares
- C. VM limits
- D. insufficient memory resources

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

An ESXi host is limited to two 1GbE physical NICs to support VM traffic.

Which VDS teaming policy should be chosen to ensure maximum availability across both uplinks?

- A. Route Based on IP Hash
- B. Route Based on Originating Virtual Port
- C. Route Based on Physical NIC Load
- D. Route Based on Source MAC

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

An administrator manages a team that regularly deploys many similar Windows VMs in the environment.

Which action should be taken to improve efficiency of this process?

- A. take VM snapshots
- B. use the New Virtual Machine wizard
- C. deploy from a VM template
- D. restore from a VM backup



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

An administrator enables DRS and sets the automation level to Fully Automated. DRS is only making initial placement recommendations.

What is causing this?

- A. DRS is set to aggressive
- B. HA is disabled on the cluster
- C. The VMs have virtual flash reservations
- D. vMotion network is misconfigured

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

When enabled, what ensures only signed drivers can load into a virtual machine?

- A. Secure Boot
- B. lockdown mode
- C. micro-segmentation
- D. TPM

Correct Answer: A

Section: (none)

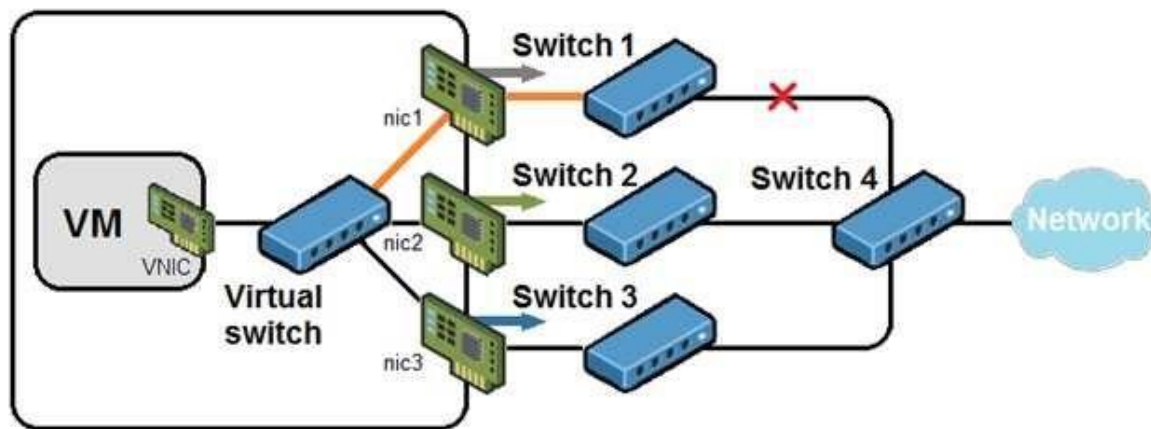
Explanation

Explanation/Reference:

Reference: <https://searchvmware.techtarget.com/answer/How-does-VMware-secure-boot-protect-VMs-and-ESXi-hosts>

QUESTION 55

Refer to the exhibit.



Each ESXi host has three NICs assigned to a virtual switch.

Which Network Failure Detection Policy will prevent network failover?

- A. Notify Switches Policy
- B. Link status only
- C. Failback Policy
- D. Beacon probing

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.networking.doc/GUID-4D97C749-1FFD-403D-B2AE-0CD0F1C70E2B.html>

QUESTION 56

A customer suspects someone or something is changing the MAC address of a virtual machine.

Which security policy should the customer modify to obtain more information?

- A. MAC Address Change
- B. Promiscuous Mode
- C. Discovery Protocol
- D. Forged Transmits

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

Which policy is used for intelligent optimization of network interface traffic on a vSphere Distributed Switch (VDS)?

- A. Route Based on IP Hash
- B. Route Based on Source MAC Hash

- C. Route Based on Physical NIC Load
- D. Route Based on Originating Virtual Port

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

An administrator manages a vSphere environment with the following configuration:

- HA enabled
- Admission Control enabled based on fixed slot size
- 1 VM with a memory reservation significantly larger than the fixed slot size

The administrator notices that occasionally the VM with the memory reservation fails to restart during an HA host failure event.

What could cause this to happen?

- A. Failover capacity is exceeded due to the memory reservation
- B. vMotion network needs more bandwidth to restart the reserved VM
- C. VMs with reservations must be in their own dedicated cluster
- D. DRS must be enabled when admission control is enabled

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

A vSphere Administrator wants to group virtual machines by guest operating system type in vCenter Server.

Which feature would accomplish this?

- A. Custom Attributes
- B. vSphere Tags
- C. Enhanced Linked Mode

D. vFRC

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vcenterhost.doc%2FGUID-E8E854DD-AA97-4E0C-8419CE84F93C4058.html>

QUESTION 60

Which two options are available for a vSphere administrator to install ESXi on a host? (Choose two.)

- A. vSphere Replication
- B. VMware Workspace ONE
- C. vSphere Update Manager
- D. Interactive Mode
- E. vSphere Auto Deploy

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

What are two features of the CPU scheduler? (Choose two.)

- A. allocates CPU and memory resource usage
- B. determines which worlds are entitled to CPU time
- C. schedules vCPUs on physical CPUs
- D. creates a world for each virtual machine to run in
- E. checks CPU uptime

Correct Answer: AC

Section: (none)

Explanation



Explanation/Reference:

QUESTION 62

Which vSphere Update Manager baseline type is used for scanning and remediating objects third-party device drivers?

- A. upgrade
- B. extension
- C. patch
- D. predefined

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.update_manager.doc%2FGUID-E5180A59-AFF9-45AF-B3B7F192592ACE28.html

QUESTION 63

How should an administrator assign a user the Administrator permission without encryption-related rights?

- A. Grant the user the Virtual Machine Power User role
- B. Grant the user the No Cryptography Administrator role
- C. Grant the user the Administrator role
- D. Grant the user No Access role on encrypted VMs

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

A VM is experiencing inconsistent network connectivity between two ESXi hosts connecting to the same physical switches. The effect of the inconsistency is this:

- vMotion from host 1 to host 2, network connection is down ▪
- vMotion from host 2 to host 1, network connection is up ▪ vMotion
- from host 1 to host 2, network connection is up

The vSphere administrator wants to ensure the physical switches connecting to the ESXi are configured correctly.

How can this be accomplished?

- A. Use Network Health Check to verify the VLAN trunks on VSS
- B. Use vSphere Health Check to verify on MTU settings on VDS
- C. Use Network Health Check to verify the VLAN trunks on VDS
- D. Use Network Health Check to verify MTU settings on VSS

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:



QUESTION 65

What provides certificate and license management services?

- A. Auto Deploy
- B. Unified Access Gateway
- C. vCenter Service
- D. Platform Services Controller

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.psc.doc/GUID-FE4E0496-A14C-4331-A7D6-1200F7C068A5.html>

QUESTION 66

Which two actions should an administrator take to ensure a VM has the highest networking bandwidth? (Choose two.)

- A. Configure traffic shaping
- B. Configure LACP
- C. Configure resource pools
- D. Configure shares, reservations, and limits
- E. Configure marking and filtering

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

Which two infrastructure services are provided by the Platform Services Controller? (Choose two.)

- A. Auto Deploy
- B. License Service
- C. vCenter Single Sign-On
- D. vSphere Syslog Collector
- E. vSphere Web Client



Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.psc.doc/GUID-FE4E0496-A14C-4331-A7D6-1200F7C068A5.html>

QUESTION 68

A vSphere administrator is deploying a vCenter Server 6.7 with an embedded Platform Services Controller. During the installation the vCenter Server and Web Client installers display this error:

Could not contact Lookup Service. Please check VM_ssoreg.log...

What are two possible reasons for this error to occur? (Choose two.)

- A. Firewall ports are blocked.
- B. Certificates are invalid.
- C. Time on the host machines is out of sync.

- D. vpxa service is stopped.
- E. SSO credentials are incorrect.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.psc.doc/GUID-B8D60389-AF95-4368-8AB2-D282CBE0C4A9.html>

QUESTION 69

What is required to convert a VM to a template?

- A. Power off the virtual machine.
- B. Choose a thin-provisioned format.
- C. Reregister the template.
- D. Select a storage policy.

Correct Answer: A

Section: (none)

Explanation



Explanation/Reference:

Reference: https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.vm_admin.doc%2FGUID-846238E4-A1E3-4A28-B23033BDD1D57454.html

QUESTION 70

A vCenter Server High Availability cluster consists of how many vCenter Server Appliance instances?

- A. 2
- B. 3
- C. 4
- D. 5

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

What happens within the network when a customer uses a vSphere Distributed Switch (VDS) and vCenter is offline?

- A. An isolation event occurs.
- B. Network is lost.
- C. Packets continue to be forwarded.
- D. Network runs with intermittent failures.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

An administrator is planning maintenance for a cluster with the following configuration:

- DRS is fully automated
- Dedicated 10GbE vMotion network
- iSCSI storage with CHAP



When a host is placed into maintenance mode, what is the maximum number of supported concurrent vMotion operations?

- A. 4
- B. 6
- C. 8
- D. 10

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



<https://vceplus.com/>

