

2V0-21.19

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Exam A

QUESTION 1

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

A. VMware Tools



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- 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 2

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 3

This error is generated when a vSphere administrator takes a VM snapshot:

An error occurred while taking a snapshot: Failed to quiesce the virtual machine

What should the administrator investigate to determine the cause of the failure?

- A. Check if the virtual machine is already running on snapshots.
- B. Check if the virtual machine is in suspended state.
- C. Check if VMware Tools is installed on virtual machine.
- D. Check if the virtual machine has an ISO mounted.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

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 5

For security reasons the VMware vSphere Update Manager (VUM) has no Internet access.

What can be used to provide a central shared repository in a DMZ?

- A. VMware vSphere Update Manager Download Service
- B. vSphere Authentication Proxy
- C. VMware content library
- D. vCenter Server Appliance

Correct Answer: A

Section: (none)

Explanation

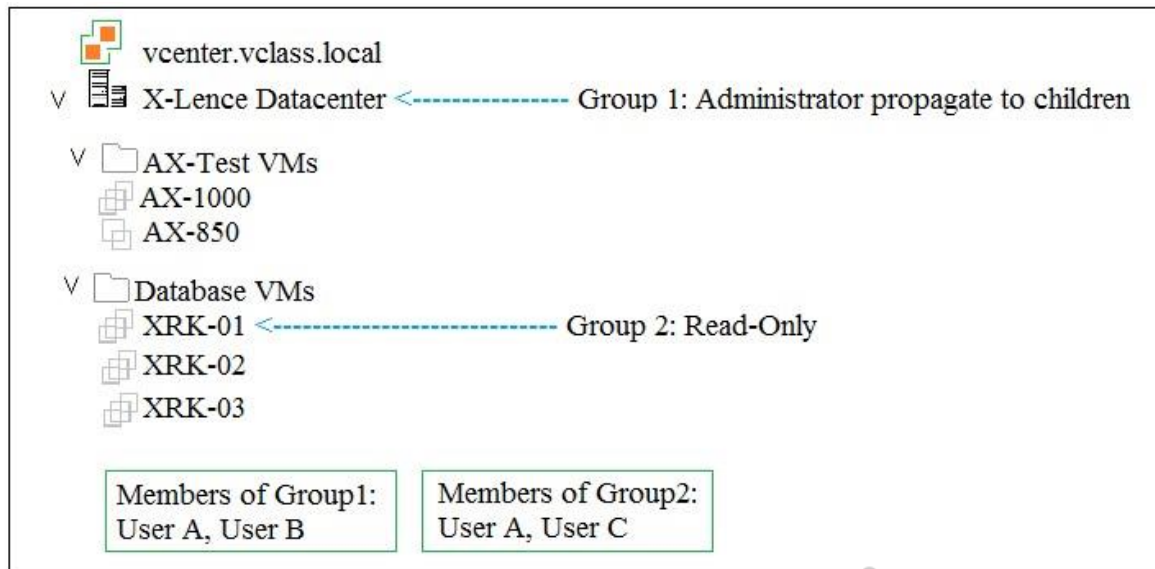
Explanation/Reference:

Reference: <https://kb.vmware.com/s/article/1004455>



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 does ESXi Autoconfiguration do?

- A. sets up host profiles
- B. configures system network and storage devices

- C. determines the number of hosts to be deployed
- D. configures Auto Deploy

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/vsphere-51/index.jsp?topic=%2Fcom.vmware.vsphere.install.doc%2FGUID-3A409297-517E-4E7D-99D0DE41386911B3.html>

QUESTION 8

An administrator is using vSphere Web Client to configure the firewall to allow specific third-party application SSH access to an ESXi Host. What is the most secure way to configure the firewall rule?

- A. Specify remote IP subnet range in IP List.
- B. Use Allow connection from any IP address.
- C. Enable lockdown mode.
- D. Disable the firewall.



Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

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 10

Which vSphere feature is designed to distribute space usage and I/O load across multiple datastores?

- A. Storage Policies
- B. vStorage API for Array Integration
- C. Storage I/O Control
- D. vSphere Storage DRS

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 11

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 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

Which DCUI option determines the time frame an administrator has to log in to the ESXi Shell after enabling the service?

- A. Idle Timeout
- B. Availability Timeout
- C. Enable SSH
- D. Enable ESXi Shell

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/5.5/com.vmware.vsphere.security.doc/GUID-6E1ECA4D-B617-4D42-B40B71E4C83DEEFB.html#GUID-6E1ECA4D-B617-4D42-B40B-71E4C83DEEFB>

QUESTION 14

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 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

A VSS is configured with two uplinks and assigned a load balancing policy route based on a virtual port ID. What are two potential disadvantages of this configuration? (Choose two.)

- A. A VM with a single MAC address is limited to the speed of the uplink associated with the relevant port ID.
- B. Higher resource consumption compared to other load balancing algorithms will occur.
- C. The virtual switch is unaware of uplink load and uplinks might become overloaded.
- D. The NIC with less load is more likely to be chosen if port IDs match.

E. ESXi will use NIOC to attempt to mitigate network congestion when an uplink becomes saturated.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.networking.doc/GUID-A4F1BF4B-8199-45A1-9578-1E4B6B08DAB0.html>

QUESTION 17

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 18

Which feature allows a vSphere administrator to reduce power consumption on a cluster?

- A. WOL
- B. BMC
- C. DPM
- D. DNS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 19

The VM storage policy compliance status is out of date.

Which step should the administrator take to maintain compliance with the existing storage policy?

- A. Change the service level capability.
- B. Assign a new storage policy.
- C. Reapply the storage policy.



<https://vceplus.com/> D. Migrate

VM to another host.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.storage.doc/GUID-476613DD-787A-4E97-8FA5-00639D206FD2.html>

QUESTION 20

A vSphere administrator has a VM that needs to be deployed from a template located in an optimized content library.

What needs to be done before the VM can be deployed?

- A. Export the template as an OVF.
- B. Clone the template to a new template.
- C. A subscribed content library needs to be created.
- D. Deploy VM from the template.



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: https://docs.vmware.com/en/VMware-vSphere/6.5/com.vmware.vsphere.vm_admin.doc/GUID-254B2CE8-20A8-43F0-90E8-3F6776C2C896.html

QUESTION 21

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. 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 22

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 23

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 24

A vSphere Administrator is receiving complaints a database VM is experiencing performance issues. The VM is a member of the high priority resource pool and the cluster has not experienced contention.

Which condition should be checked to address immediate performance concerns?

- A. VM snapshots
- B. VMFS version
- C. Resource Pool share value
- D. Configured CPU shares

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 25

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 26

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 27

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 28

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 VSS
- D. PVLAN on VDS

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

A vSphere administrator wants to enable Proactive HA in a vSphere cluster. What is required to use this feature?

- A. vROps must be installed.
- B. DRS must be enabled.
- C. DCUI must be enabled.
- D. VCHA must be configured.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 30

A cluster contains database VMs which have low utilization, except during a weekly data load that causes extremely high utilization. As DRS balances the VM load, there is an extended period of slow performance.

Which two actions could be taken to reduce the impact of the recurring data load? (Choose two.)

- A. Increase the number of vCPUs on the database VMs.
- B. Enable VMware vRealize Operations Manager Integration with VMware vCenter.
- C. Enable Proactive HA on the cluster.
- D. Enable Predictive DRS on the cluster.
- E. Increase the RAM allocated to the database VMs.

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://vspherecentral.vmware.com/t/resource-management-and-availability/vsphere-resources-and-availability/predictive-drs/>

QUESTION 31

A vSphere Administrator configures Quick Boot to restart an ESXi host without rebooting the physical hardware. In order to troubleshoot any ESXi Quick Boot issues which log file needs to be reviewed?

- A. vmkeventd.log
- B. vmkernel.log
- C. vpxa.log
- D. loadESX.log

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

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 33

A vSphere administrator configures log forwarding for remote syslog server in a vCenter Server Appliance (VCSA) through the vCenter Server Appliance Management Interface (VAMI).

What is the maximum number of remote syslog servers that can be configured?

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

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.vcsa.doc/GUID-9633A961-A5C3-4658-B099-B81E0512DC21.html>

QUESTION 34

A vSphere administrator needs to migrate VMs in the same vCenter from New York to California due to impending severe weather.

Which migration should the administrator perform without causing VM downtime?

- A. Long Distance vMotion
- B. Storage vMotion
- C. Cold migration
- D. Cross vCenter vMotion

Correct Answer: A



Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

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 36

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 37

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 38

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 39

Which two availability features require a VM restart for recovery? (Choose two.)

- A. vSphere DPM
- B. vSphere vMotion
- C. vSphere Replication

- D. vSphere Fault Tolerance
- E. vSphere HA

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

A customer is experiencing a network performance problem and is using the esxtop utility to determine the cause. Esxtop reveals no dropped packets. Which two conditions should the customer check? (Choose two.)

- A. packet size
- B. data receive rate
- C. IPv6 support
- D. CPU contention

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

A vSphere administrator has to forward vCenter Server logs to a syslog server to be retained for security audits.

Which two protocols are available in vCenter Server Appliance VAMI for syslog forwarding? (Choose two.)

- A. HTTPS
- B. SSL
- C. DTLS
- D. UDP
- E. TLS

Correct Answer: DE



Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.vcsa.doc/GUID-9633A961-A5C3-4658-B099-B81E0512DC21.html>

QUESTION 42

A cluster of vSphere 6.5 and 6.7 hosts all have identical hardware. VMs are created on the 6.7 hosts with virtual hardware version 14. During routine maintenance on the 6.7 hosts, the VMs are unable to migrate to the 6.5 hosts.

Why are the VMs unable to migrate to the 6.5 hosts?

- A. The virtual hardware version is incompatible with 6.5
- B. VMware Tools version is upgraded
- C. EVC mode is disabled
- D. DPM is configured incorrectly

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



QUESTION 43

A vSphere administrator needs to quickly move a critical VM from an AMD-cluster to an Intel-cluster.

How can the vSphere administrator move the VM?

- A. vSphere Storage vMotion
- B. vSphere encrypted vMotion
- C. vSphere vMotion
- D. Cold Migration

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://d12vzecr6ihe4p.cloudfront.net/media/966034/wp-virtual-machine-migration-methods-in-vsphere.pdf>

QUESTION 44

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?](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)

[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](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 45

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 46

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 47

Per a customer request, a vSphere administrator increases the number of vCPUs in several VMs within a cluster. After the vCPU increase, the upgraded VMs exhibit slower performance. The vSphere administrator uses esxtop to check ESXi host performance.

Which two counters should be checked to detect CPU overcommitment? (Choose two.)

- A. %SWPWT
- B. %USED
- C. %MLMTD
- D. %SYS
- E. %RDY

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://www.simongreaves.co.uk/esxtop-guide/>

QUESTION 48

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 49

An application requires a high network transmission rate and multiple simultaneous TCP streams.

What is the maximum number of threads that can be created per vNIC?

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



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

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 PortC. Route Based on Physical NIC Load



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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 configures vSphere Replication for a DR site.

Which two items should be deployed at the second site? (Choose two.)

- A. array-based storage
- B. vSphere Replication appliance
- C. vCenter Server
- D. vSphere Distributed Switch (VDS)
- E. vSphere Data Protection (VDP)



Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

A vSphere administrator attempts to create a VM-VM affinity rule but is unable to locate the option in the vSphere Client.

What would cause this to happen?

- A. vSphere DRS is disabled
- B. vSphere DRS is set to manual
- C. Admission control is not enabled
- D. Affinity rules are only managed using the Host Client

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 55

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 56

A vSphere administrator wants to ensure provisioned virtual machine storage objects are allocated to guarantee a service level agreement.

Which feature would accomplish this?

- A. Storage policy
- B. VAIO Filtering
- C. Storage I/O Control
- D. Storage DRS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

A host profile is created from a reference host in Cluster A and applied to all hosts in the same cluster.

What effect is expected when the administrator updates the DNS settings on the reference host?

- A. DNS settings are updated for all hosts in the cluster
- B. The reference host becomes non-compliant
- C. The reference host enters maintenance mode
- D. The host profile is updated automatically

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 58

An administrator is unable to use the vSphere Client shutdown option on a Windows VM.

What should be installed to correct this?

- A. Autologon
- B. Windows Updates
- C. PortMon
- D. VMware Tools

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

An application owner complains about poor performance on a VM named APPVM01. Troubleshooting indicates that another VM named DBVM01 on the same datastore is saturating the volume with I/O requests.

Which two actions can be taken to reduce DBVM01 impact on APPVM01, while still prioritizing DBVM01 disk I/O? (Choose two.)

- A. Configure APPVM01 with a shares limit of Low, and DBVM01 with a shares limit of Normal
- B. Enable Network I/O Control on the cluster containing APPM01 and DBVM01
- C. Enable Storage I/O Control on the cluster containing APPVM01 and DBVM01
- D. Enable Storage I/O Control on the datastore containing APPVM01 and DBVM01
- E. Configure APPVM01 with a shares limit of High, and DBVM01 with a shares limit of Normal

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

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 61

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 62

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 63

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 64

Which setting should be used to exclude one hard disk from VM snapshots?

- A. Thin Provision disk type
- B. Dependent disk mode
- C. Independent disk mode
- D. Passthrough device mode

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://pubs.vmware.com/workstation-11/index.jsp?topic=%2Fcom.vmware.ws.using.doc%2FGUID-76973027-0D43-425D-9B17-F8C38017E8B7.html>

QUESTION 65

Which native feature could be used to protect virtual machine files and disks containing confidential customer data?

- A. VMware Tools B. vCenter HA
- C. VM encryption
- D. VDP

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

What is the default vCenter Server role for a new user?

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

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Reference: <https://docs.vmware.com/en/VMware-vSphere/6.7/com.vmware.vsphere.security.doc/GUID-93B962A7-93FA-4E96-B68F-AE66D3D6C663.html>

QUESTION 67

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 68

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 69

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:



QUESTION 70

VMs are violating affinity rules and DRS is unable to correct the rules violations.

Which two actions should an administrator take to identify why DRS is unable to satisfy the affinity rules? (Choose two.)

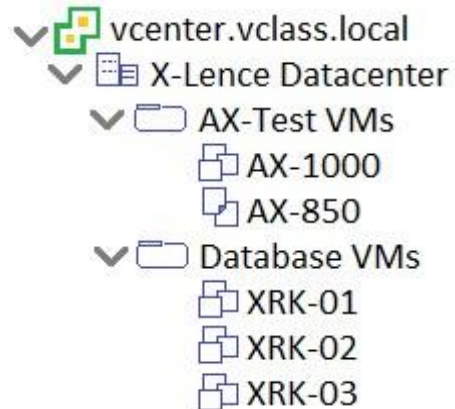
- A. Review VM Overrides tab.
- B. Review systems logs.
- C. Review if violated rules are in vCenter VAMI.
- D. Review Faults tab in DRS.
- E. Review VM OS logs.

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

Refer to the exhibit.

A user requires full privileges on all VMs and templates in the X-Lence Datacenter except AX-1000. This user must not be able to view or change the AX-1000 VM. Which two permissions for this user should the vSphere administrator define to achieve this? (Choose two.)

- A. Read Only role on AX-1000
- B. Administrator role on X-Lence Datacenter
- C. No Access role on AX-1000
- D. Read Only role on X-Lence Datacenter
- E. VM Power User role on X-Lence Datacenter

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

A user asks for a VM to be deployed that must remain on the same host at all times. How should DRS be configured for the VM?

- A. Use cluster settings
- B. Partially Automated
- C. Fully Automated
- D. Disabled

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

A user logs in to vCenter Server as an administrator and is unable to view Single Sign On Configuration. Which vCenter Single Sign On group should the administrator belong to, to view Single Sign On Configuration?

- A. ComponentManager.Administrators
- B. Administrators
- C. SystemConfiguration.Administrators
- D. SystemConfiguration.BashShellAdministrators



Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:



<https://vceplus.com/>