

## 2V0-620 vmware

Number: 2V0-620  
Passing Score: 800  
Time Limit: 999 min



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## **Exam A**

### **QUESTION 1**

What is the effective vSphere licensing level during the 60 day evaluation period?

- A. vSphere Foundation Essentials Plus
- B. vSphere Standard
- C. vSphere Enterprise
- D. vSphere Enterprise Plus

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 2**

What component must be installed prior to deploying a vCenter Server in vSphere 6.x?

- A. vCenter Identity Services
- B. Platform Services Controller
- C. vCenter Single Sign-On
- D. Client Integration Plug-In

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 3**

An administrator deploys vCenter Server using the embedded Platform Services Controller. After testing the deployment for a couple of months, it is determined that the environment would be better served with an external Platform Services Controller.



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What should the administrator do to meet this new requirement?

- A. Deploy a fresh instance of vCenter Server with an external Platform Services Controller.
- B. Perform a fresh install of an external Platform Services Controller.
- C. Migrate the embedded Platform Services Controller to an external Platform Services Controller.
- D. Upgrade the embedded Platform Services Controller to an external Platform Services Controller.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 4**

An administrator is installing vCenter Server for an environment that has 40 ESXi 6.x Hosts and 150 virtual machines.

Which database would meet the minimal requirements needed for this task?

- A. vFabric Postgres
- B. Microsoft SQL Express 2008
- C. Microsoft SQL Server 2014
- D. Oracle 11g

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 5**

What information is required as part of an interactive ESXi 6.x installation?

- A. Keyboard layout
- B. IP Address
- C. Root password
- D. DNS information

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 6**

After installation of a host in your test environment, you need to move it to production. The only major change that needs to be made is that the hostname of the server needs to change.

What are two ways that an administrator can change the host name without editing configuration files on the host directly? (Choose two.)

- A. Login to the Direct Console User Interface and change it from here.
- B. Edit the Default TCP/IP Configuration from the vSphere Web Client.
- C. Use the Ruby vSphere Client to send a script to the ESXi host that updates the hostname.
- D. Update the information in DNS and the ESXi host will automatically update with these changes.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 7**

You are editing the management network configuration of an ESXi 6.x Host from the vSphere Web Client. You mistakenly put the incorrect VLAN in place for the management network.

What action do you need to take to correct this?

- A. You need to manually edit the configuration on the host with command line utilities.

- B. No action is required. By default ESXi rolls back configuration changes that disconnect the host.
- C. The ESXi host system configuration will need to be restored to the factory configuration to fix the issue.
- D. The change can be reverted in the vSphere Web Client by simply editing the switch again.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 8

You have just installed an ESXi 6.x Host. As part of your company security regulations, a security banner must be presented on the console of the host.



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How can this action be accomplished?

- A. Configure the Advanced Settings > Annotations screen of the ESXi host.
- B. This is configured from the Direct Console User Interface configuration menu.
- C. It is not possible to configure a security banner for the ESXi host.
- D. From vCenter Server, this setting is configured globally in the vCenter Server configuration.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 9

An administrator has just completed performing an interactive installation of ESXi 6.x and is booting the host.

How is the network initially configured?

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- A. The network is configured by Automatic Private IP Addressing (APIPA).
- B. The network is configured based on the settings detected in DNS.
- C. The network is configured with the address as specified in the installer.
- D. The network is automatically configured by DHCP.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 10**

An administrator has just completed installing an ESXi 6.x host, but doesn't know what address has been configured.

Where is the ESXi host IP address configured?

- A. RVC console
- B. Direct Console User Interface
- C. vSphere Web Client
- D. vSphere Client

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 11**

An administrator has just configured the IP address on an ESXi host from the Direct Console User Interface.

How can the configuration be validated as correct without any additional tools?

- A. Add the host to vCenter Server and if it works, then all networking settings are ok.
- B. Select the Test Management Network option from the DCUI.
- C. Connect to the host with the vSphere Client and click the Test Network option.
- D. Use PowerCLI to connect to the host and initiate a network test.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 12**

An administrator has recently installed a new ESXi 6.x Host, and during the configuration notices sporadic network problems. To check whether the issue occurred sometime during the configuration, the administrator would like to reset the system.

How can this be accomplished in the shortest amount of time?

- A. Run the ESXi installer again and reinstall the host.
- B. Select the Reset System Configuration option from the vSphere Client when connected directly to the host.
- C. From the Direct Console User Interface, select Reset System Configuration.
- D. Use a host profile to reset the configuration to a default state.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 13**

Your manager has given you a bash script that retrieves data for ESXi 6.x host configurations. This data needs to be collected right after the installation of a host and must be run directly on the host.

Which two actions can be used to run this script on an ESXi host? (Choose two.)

- A. Connect to the host with Ruby vSphere Console and run the script from there.
- B. Enable SSH access from the Direct Console User Interface.
- C. Enable the ESXi Shell from the Direct Console User Interface.
- D. Run the script directly from the vSphere Web Client.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 14**

What is the default load balancing policy for a newly created VMkernel port on a vSphere Distributed Switch?



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- A. Route based on originating virtual port ID
- B. Route based on IP Hash
- C. Route based on source mac address
- D. Route based on physical NIC load

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 15**

How are ports scaled on vSphere Standard Switches (vSS)?

- A. Ports on a vSS can be dynamically scaled up and down.
- B. Ports on a vSS can only be statically scaled up or down.
- C. Ports on a vSS can only be dynamically scaled down.
- D. Ports on a vSS can only be dynamically scaled up.

**Correct Answer:** A

**Section:** (none)

**Explanation**

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**Explanation/Reference:**

Explanation:

**QUESTION 16**

Which three connection types are available when configuring a vSwitch in the vSphere Web Client? (Choose three.)

- A. VMkernel Network Adapter
- B. Physical Network Adapter
- C. Virtual Machine Port Group for a Standard Switch
- D. vMotion Network Adapter
- E. vSAN Network Adapter

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 17**

How many Link Aggregation Groups (LAGs) can be configured on a vSphere 6.x Distributed Switch?

- A. 64
- B. 96
- C. 128
- D. 256

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 18**

An administrator is configuring the Failover Order option on a vSphere Distributed Switch.

Which two options should be used with IP-hash load balancing? (Choose two.)

- A. Active Uplinks
- B. Standby Uplinks
- C. Unused Uplinks
- D. Override Failover Order

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 19**

An administrator is creating a new vSphere Distributed Switch that will be utilized with a specific vSphere Cluster. The cluster itself contains a mix of ESXi 5.x and 6.x Hosts.

Which Distributed Switch version should be created to support this configuration?

- A. Distributed Switch: 6.0.0
- B. Distributed Switch: 5.0.0
- C. Distributed Switch: 5.1.0
- D. Distributed Switch: 5.5.0

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 20**

During a new vSphere Distributed Switch configuration, where does the Maximum Transmission Unit (MTU) value get modified?

- A. Uplink Settings
- B. Switch Settings
- C. Portgroup Settings
- D. NIC Teaming Settings

**Correct Answer:** B

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 21**

Which two actions are prerequisites to adding ESXi 6.x hosts to a vSphere Distributed Switch? (Choose two.)



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- A. Verify that there is at least one Distributed Port Group on the Distributed Switch.
- B. Verify that the Distributed Port Group have active uplinks configured in its teaming and failover policy.
- C. Verify that the Distributed Switch has been configured with a Network Profile.
- D. Verify that Network I/O control for Management Traffic is configured for the highest share value.

**Correct Answer:** AB

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 22**

Which load balancing policy, previously limited to vSphere Distributed Switches, is now available on vSphere Standard Switches with vSphere 6.x?

- A. Route based on physical NIC workload
- B. Route based on IP Hash
- C. Route based on the originating virtual port
- D. Route based on Source MAC Hash

**Correct Answer:** A

**Section: (none)**

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### **Explanation**

#### **Explanation/Reference:**

Explanation:

#### **QUESTION 23**

Which three VLAN Tagging modes are available in vSphere 6.x? (Choose three.)

- A. External Switch Tagging
- B. Private VLAN Tagging
- C. Virtual Switch Tagging
- D. VXLAN Tagging
- E. Virtual Guest Tagging

**Correct Answer:** ACE

**Section:** (none)

### **Explanation**

#### **Explanation/Reference:**

Explanation:

#### **QUESTION 24**

Which three traffic types are available services options when configuring a vmkernel port? (Choose three.)

- A. Provisioning Traffic
- B. Virtual Volumes Traffic
- C. vSphere Replication NFC Traffic
- D. Virtual SAN Traffic
- E. FCoE Traffic

**Correct Answer:** ACD

**Section:** (none)

### **Explanation**

#### **Explanation/Reference:**

Explanation:

#### **QUESTION 25**

Which two networking connection types can be configured on a virtual switch? (Choose two.)

- A. Virtual machine portgroups
- B. VMkernel services (such as NFS, iSCSI, or vMotion) to the physical network
- C. Web services over the Management Network
- D. NFS and FCoE storage services

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 26**

An administrator is configuring the Maximum Transmission Unit value on a vSphere Distributed Switch.

Which two options are typical values for ESXi networking? (Choose two.)

- A. 1492
- B. 1500
- C. 9000
- D. 9089

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 27**

An administrator needs to monitor traffic on vSwitches in a vSphere 6.x environment.

Which option, if configured, would accomplish this task?

- A. Forged Transmits
- B. MAC Address Changes
- C. Promiscuous Mode
- D. Notify Switches

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 28**

Which two allow for the disabling of Network Rollback operations? (Choose two.)

- A. Modifying the vpxd advanced configuration options and adding the config.vpxd.network.rollback key
- B. Modifying the C:\ProgramData\VMware\CIS\cfg\vmware-vpx\vpzd.cfg file and adjusting the <rollback> xml tag
- C. Modifying the C:\ProgramData\VMware\CIS\cfg\vmware-vpx\vpzd.cfg file and adjusting the <networkrollback> xml tag
- D. Modifying the C:\ProgramData\VMware\CIS\cfg\vmware-vpx\firstboot\vpzd-service-spec.prop file and adjusting the <rollback> xml tag

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 29**

What are two ways to identify TCP/IP stack information? (Choose two.)



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- A. Using the vSphere Web Client
- B. Using esxcli network ip netstack
- C. Using esxcfg-netstack
- D. Using the vSphere Client

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**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 30**

Which two Fibre Channel zoning options are supported with vSphere 6.x? (Choose two.)

- A. Single-Initiator
- B. Single-Initiator-Single-Target
- C. Multiple-Initiators-Single-Target
- D. Multiple-Initiators-Multiple-Targets

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 31**

Which two parameters are required when adding an iSCSI target to an iSCSI Software Adapter using Dynamic Discovery? (Choose two.)

- A. The iSCSI device's IP Address or Fully Qualified Domain Name
- B. The Port Number
- C. The iSCSI device's iSCSI Qualified Name (IQN)
- D. The Default Gateway IP Address

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 32**

What is true regarding datastores on ESXi 6.x?

- A. NFS 4.1 datastore does not support Fault Tolerance (FT)
- B. VMFS3 and VMFS5 datastores can be newly created
- C. NFS datastore can be concurrently mounted using NFS 4.1 on one host and NFS on another
- D. NFS 3.0 datastore does not support Fault Tolerance (FT)

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 33**

Which type of Adapter does not require vmkernel networking?

- A. Independent Hardware iSCSI Adapter
- B. Dependent Hardware iSCSI Adapter
- C. Software iSCSI Adapter
- D. Software FCoE Adapter

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 34**

What are two benefits of using NFS 4.1 with vSphere 6.x as compared to NFS 3? (Choose two.)

- A. NFS 4.1 supports Kerberos Authentication
- B. NFS 4.1 supports multipathing
- C. NFS 4.1 supports IPv6
- D. NFS 4.1 supports hardware acceleration

**Correct Answer:** AB

**Section:** (none)



## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 35**

Which two storage controller configurations can be used with Virtual SAN? (Choose two.)

- A. SAS controllers in Passthrough mode
- B. SAS controllers in RAID0 mode
- C. SAS controllers in RAID1 mode
- D. SAS controllers in RAID10 mode

**Correct Answer:** AB

**Section:** (none)

### **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 36**

A company has decided to implement Virtual SAN within their vSphere 6.x environment. The Virtual SAN cluster will be composed of three ESXi 6.x hosts that are on the Virtual SAN Ready Node list.

Each ESXi host includes:

- Two SAS Controllers that support Passthrough Mode
- Four Solid State Drives (SSDs) 1TB in size each
- 20 SAS Magnetic Disks (MDs) 1TB in size each
- The SSDs and MDs are evenly split between the two SAS controllers

The company will pilot a Virtual SAN cluster utilizing VMware best practices while maximizing storage capacity. The Virtual SAN cluster will use Manual Mode.

Which two Disk Group configurations would meet the stated configuration requirements? (Choose two.)

- A. 4 disk groups with 1 SSD and 5 MDs each
- B. 2 disk groups with 1 SSD and 7 MDs each
- C. 2 disk groups with 2 SSDs and 7 MDs each
- D. 2 disk groups with 1 SSD and 10 MDs each

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 37**

An administrator is creating a new Virtual SAN cluster on a Layer 2 network. There is an existing Virtual SAN cluster on the same Layer 2 network. Which two actions would allow the new Virtual SAN cluster to coexist with the older cluster? (Choose two.)



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- A. Change the default Multicast Address on the new Virtual SAN cluster.
- B. Change the default Unicast Address on the new Virtual SAN Cluster.
- C. Create a separate VLAN for each cluster.
- D. Create an ARP Alias for the Virtual SAN VMkernel Network Adapter.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 38**

Which two Virtual SAN related actions might start resynchronization of virtual machine objects? (Choose two.)

- A. Editing a virtual machine storage policy to increase the number of replicas.
- B. Editing a virtual machine storage policy to reduce the number of replicas.
- C. Editing a virtual machine storage policy to increase the number of disk stripes.
- D. Editing a virtual machine storage policy to reduce the number of disk stripes.

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**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 39**

Which two NFS Protocol versions does vSphere 6 support? (Choose two.)

- A. Version 3
- B. Version 3.1
- C. Version 4
- D. Version 4.1

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 40**

An administrator attempts to create a Thick Provisioned Virtual Disk (VMDK) on an NFS datastore; but it fails.

Which two reasons would explain the failure? (Choose two.)

- A. Datastore is on an NFS 3 storage server that does not support Hardware Acceleration
- B. Datastore is on an NFS 4.1 storage server
- C. Only VMFS datastores support "Thick Provisioned" VMDK
- D. The NFS datastore was not created on a "Thick Provisioned" device

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 41**

What condition would prevent an administrator from creating a new VMFS3 datastore on an ESXi 6.x host using the vSphere Web Client?

- A. A VMFS3 datastore cannot be created on an ESXi 6.x host.
- B. The VMFS3 kernel module is not loaded.
- C. A VMFS3 datastore cannot be mounted on an ESXi 6.x host.
- D. VMFS3 datastores are not compatible with virtual machines created on an ESXi 6.x host.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 42**

Which two statements are true about VMFS5 datastores on ESXi 6.x? (Choose two.)

- A. Virtual Disk (VMDK) size can be larger than 2TB.
- B. Datastore extent size can be larger than 2TB.
- C. Only Physical Mode Raw Device Map (Passthrough-RDM) can be larger than 2TB.
- D. 2MB block size is required to support larger than 2TB file size.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 43**

Which three conditions would prevent Storage I/O Control from being enabled on a group of datastores? (Choose three.)

- A. The datastores planned for the solution are used by different vSphere clusters.
- B. A datastore planned for the solution is configured as a Raw Device Mapping file.
- C. A datastore planned for the solution has three extents.
- D. A datastore planned for the solution is configured as NFS.
- E. The organization has an Enterprise license.

**Correct Answer:** BCE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 44**

When is it possible to place a VMFS5 datastore in maintenance mode?

- A. When it is a member of a Storage DRS cluster
- B. When it is a member of Virtual SAN cluster
- C. When it is a member of a multi-extent datastore
- D. When it is a member of a Virtual Volume

**Correct Answer:** A

**Section:** (none)

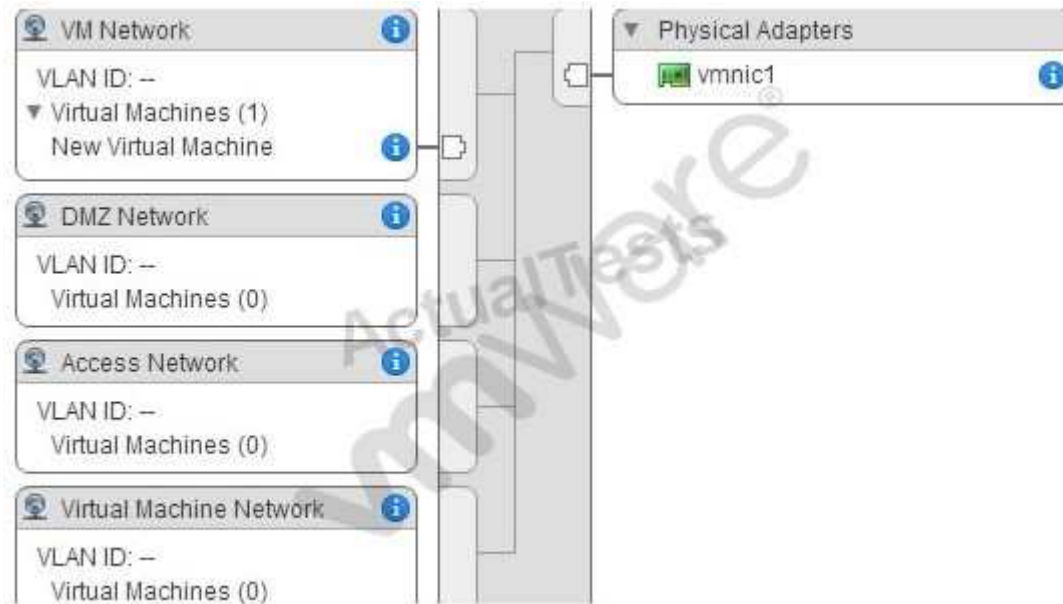
**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 45**

Refer to the Exhibit.



A vSphere 6.x Standard Switch is configured with 4 virtual machine portgroups, as shown in the exhibit.

Which portgroup would be utilized by default when creating a new virtual machine?

- A. Access Network
- B. DMZ Network
- C. VM Network
- D. Virtual Machine Network

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 46**

You are creating a virtual machine in the Web Client using the New Virtual Machine wizard.

Which two steps are required? (Choose two.)

- A. Select a valid name.
- B. Select a cluster for the compute resource.
- C. Select a network adapter.
- D. Select the virtual machine compatibility.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 47**

From which two locations in the inventory hierarchy can you deploy a virtual machine using a template? (Choose two.)

- A. Directly from the template.
- B. From a compute resource.
- C. From an existing virtual machine.
- D. From a Datastore.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 48**

What is the optimal configuration when building a virtual machine for a single-threaded Windows application?

- A. Deploy single-threaded applications on uniprocessor virtual machines.
- B. Deploy single-threaded applications on symmetric multi-processor virtual machines.
- C. Tune single-threaded applications to take advantage of symmetric multi-processor resources.
- D. Tune Single-threaded applications at the hypervisor level.

**Correct Answer:** A

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 49**

A mission-critical virtual machine built on vSphere 4.1 needs to be moved to an ESXi 6.x host.

Which virtual hardware version is needed to move the virtual machine without upgrading?

- A. 6
- B. 7
- C. 10
- D. 11

**Correct Answer: B**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 50**

Which two configurable options apply to both virtual machine CPU and memory allocation? (Choose two.)

- A. Reservation
- B. Shares
- C. Resource Pool
- D. Reserve All



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**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 51**

A new vApp was built and tested in the corporate headquarters datacenter running vSphere 6.x.

What condition would explain why the virtual machine is failing to boot in an offsite datacenter running on vSphere 5.5?

- A. The virtual machine was built with the default hardware version.
- B. The VMFS 5 datastore is not compatible with virtual machines configured with vSphere 6.x.
- C. A DRS 5.5 cluster cannot run virtual machines configured with vSphere 6.x.
- D. The VMDK file is locked.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 52**

When modifying a vApp, which two vSphere entities can be added? (Choose two.)

- A. A resource pool
- B. A network pool
- C. A vApp
- D. A folder

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 53**

You need to add an object to an existing vApp using the vSphere Web Client. How is this accomplished?

- A. Create an Object Inside the vApp.
- B. Add an Object to a vApp.
- C. Add an Object to the Datastore the vApp is located in.
- D. Move all Objects to a new Datastore folder.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 54**

A virtual machine template is accidentally removed from the vCenter Server Inventory.

Which method would be used to recover the template back into the environment?

- A. Use the datastore browser to locate the template, then right click and add the .vmtx file to inventory.
- B. Use the datastore browser to locate the template, then right click and add the .vmx file to inventory.
- C. Using the Managed Object Browser and adding the template from the ManagedObjectReference:GuestFileManager object.
- D. Using the Managed Object Browser and adding the template from the ManagedObjectReference:VirtualDiskManager object.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 55**

A vApp named Sales has a Memory Limit of 32 GB and a CPU Limit of 12,000 MHz. There are three virtual machines within the vApp:

- Sales-DB -- Has a memory reservation of 20 GB.
- Sales-DC -- Has a memory reservation of 8 GB.
- Sales-Web -- Has a memory reservation of 8 GB.

Which statement is correct?

- A. All three virtual machines can power on, but will have memory contention.
- B. All three virtual machines can power on without memory contention.
- C. Only two of the three virtual machines can power on.
- D. Only one of the virtual machines can power on.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 56**

An administrator is cloning and configuring five new web server virtual machines.

What would be the benefit of configuring resource shares for the new VMs?

- A. To prioritize access to a resource during contention.
- B. To guarantee access to a resource during contention.
- C. To prioritize access to a resource before contention occurs.
- D. To guarantee access to a resource before contention occurs.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 57**

An administrator is virtualizing a physical application server and adding it to an existing multi-tiered vApp. The application license is currently tied to the physical NIC's MAC address, so the administrator needs to ensure the license will function properly in the virtual machine.

Which two actions can the administrator take to satisfy this task? (Choose two.)

- A. Set the MAC address for the vNIC in the guest operating system.
- B. Install the physical server's NIC into the ESXi host.
- C. Configure the MAC address for the vNIC using the vSphere Web Client.

D. Assign the physical server NIC's MAC address in the vSphere Distributed Switch.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 58**

A virtual machine has been renamed and an administrator is unable to find files with the new virtual machine name in the datastore.

What is the reason for this?

- A. The names of the files on the datastore do not change.
- B. The names of the files on the datastore have been corrupted.
- C. The virtual machine needs to be re-added to the inventory.
- D. The Distributed Resource Scheduler moved the virtual machine to another host.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 59**

A vApp template recently added to a Content Library is not displayed.

Which two actions could correct this problem? (Choose two.)

- A. Manually synchronize the library
- B. Select the Download all library content immediately option
- C. Select the Sync subscribed library option
- D. Manually download the vApp template

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 60**

When you add an ESXi 6.x host to a new Cluster, which vSphere object owns the CPU and Memory resources of the hosts?

- A. vCenter Server
- B. Datacenter
- C. Cluster
- D. Host

**Correct Answer: C**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 61**

An administrator creates a DRS cluster of eight ESXi 6.x hosts. There are 10 virtual machines balanced across the hosts. An attempt to place the first host into maintenance mode fails.

What are two reasons that the host failed to enter maintenance mode? (Choose two.)

- A. The DRS cluster Automation Level is set to Partially Automated mode.
- B. One of the virtual machines on the ESXi Host entering maintenance mode is configured with a DRS Host affinity rule Should run on hosts in group.
- C. One of the virtual machines on the ESXi Host entering maintenance mode is configured with a DRS Host affinity rule Must run on hosts in group.
- D. One of the virtual machines on the ESXi Host entering maintenance mode is configured with an individual Automation Level set to Partially Automated.

**Correct Answer: AD**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 62**

Which two statements are correct when turning off a Distributed Resource Scheduler (DRS) Cluster? (Choose two.)

- A. The resource pool hierarchy of the DRS cluster is maintained.
- B. The resource pool hierarchy of the DRS cluster is removed.
- C. The affinity settings of the DRS cluster are removed and not maintained when DRS is re-enabled.
- D. The affinity settings of the DRS cluster are maintained when DRS is re-enabled.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 63**

An administrator enables High Availability (HA) on a Virtual SAN cluster.

Which network is used for HA Network Heartbeat configuration?

- A. The Management network.
- B. The vMotion network.
- C. The Virtual SAN network.
- D. The Provisioning Traffic network.

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

### **QUESTION 64**

What are three goals of resource management within a cluster? (Choose three.)

- A. To prevent virtual machines from monopolizing resources and to guarantee predictable service rates.
- B. To exploit undercommitted resources and overcommit with graceful degradation.
- C. To provide solutions to potential problems that you might encounter when using vCenter Server.
- D. To control the relative importance of virtual machines and provide flexible dynamic partitioning.
- E. To provide additional network administration capabilities.

**Correct Answer:** ABD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 65**

Which three features can be enabled for a new host cluster? (Choose three.)

- A. Storage Distributed Resource Scheduling
- B. High Availability
- C. Fault Tolerance
- D. Distributed Resource Scheduling
- E. Virtual SAN

**Correct Answer:** BDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 66**

An organization has an ESXi 6.x host that contains two resource pools. The host is being relocated to a DRS cluster.



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What two actions can be taken to integrate the host into the cluster, and what would happen to the existing ESXi resource pool hierarchy as a result? (Choose two.)

- A. Place all of the host's virtual machines into the DRS cluster root resource pool. The resource pools present on the host will be deleted.
- B. Create a resource pool for the ESXi host's virtual machines and resource pools. The resource pools present on the host will be deleted.
- C. Place all of the host's virtual machines into the DRS cluster root resource pool. The resource pools present on the host will be preserved.
- D. Create a resource pool for the ESXi host's virtual machines and resource pools. The resource pools present on the host will be preserved.

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**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 67**

Which two events happen when Distributed Resource Scheduler (DRS) is disabled? (Choose two.)

- A. The cluster's resource pool hierarchy and affinity rules are re-established when DRS is turned back on.
- B. The cluster's resource pool hierarchy and affinity rules are not re-established when DRS is turned back on.
- C. The cluster's resource pools are removed from the cluster.
- D. The cluster's resource pools are removed from the cluster and assigned to the hosts.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 68**

A High Availability (HA) cluster is configured to respond to a given number of host failures. The cluster contains virtual machines configured with these settings:

- VM1 has a 1GHz CPU reservation and no Memory reservation
- VM2 has a 2GHz CPU reservation and no Memory reservation
- VM3 has no CPU reservation and no Memory reservation

Given this information, what is the correct slot size for the cluster?

- A. The CPU Reservation should be set to 32MHz and the memory reservation should be set to 32MB plus memory overhead.
- B. The CPU reservation should be set to 1 GHz and the memory reservation should be set to 0MB plus memory overhead.
- C. The CPU reservation should be set to 2 GHz, and the memory reservation should be set to 0MB plus the virtual machine memory overhead.
- D. The CPU reservation should be set to 2 GHz, and the memory reservation should be set to 32MB, plus the virtual machine memory overhead.

**Correct Answer:** C

**Section:** (none)

**Explanation**



**Explanation/Reference:**

Explanation:

**QUESTION 69**

Which two High Availability (HA) Cluster admission control policies can help avoid resource fragmentation? (Choose two.)

- A. Define failover capacity by static number of hosts
- B. Define failover capacity by reserving a percentage of the cluster resources
- C. Use dedicated failover hosts
- D. Use Virtual Machine Monitoring

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 70**

What is a requirement when enabling a Virtual SAN cluster in an existing High Availability (HA) and Distributed Resource Scheduler (DRS) Cluster?

- A. Disable DRS and HA before enabling Virtual SAN
- B. Enable DRS before enabling Virtual SAN
- C. Disable HA before enabling Virtual SAN
- D. Enable Storage DRS before enabling Virtual SAN

**Correct Answer:** C

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 71**

What must be enabled to ensure that VM Component Protection (VMCP) works in a High Availability cluster?

- A. VMware Tools Virtual Machine Communication Interface (VMCI)
- B. Fault Tolerance

- C. Atomic Test and Set (ATS)
- D. All Paths Down (APD) Timeout

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 72**

An organization has a number of virtual machines that would benefit from Fault Tolerance. These include:

- A single vCPU Apache Server
- A dual vCPU vCenter Server
- A quad vCPU SQL Server
- An eight vCPU Hadoop Server

Which two virtual machines can be configured to use VMware Fault Tolerance? (Choose two.)

- A. Apache Server
- B. vCenter Server
- C. SQL Server
- D. Hadoop Server

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 73**

An administrator is moving a virtual machine into a resource pool. The VM and resource pool are configured as shown:

VM configuration:

- 2GHz CPU reservation
- 1GB Memory limit

Resource Pool configuration:

- 6GHz CPU reservation
- 1GB Memory reservation
- No limit to memory

What happens to the virtual machine's resource settings when it is moved into the pool?

- A. The VM inherits the resource settings of the resource pool if expandable reservations is enabled.
- B. The VM's reservations and limits are ignored and removed.
- C. The VM keeps the 2GHz CPU reservation but receives the 1GB memory reservation.
- D. The VM keeps the 2GHz CPU reservation and the 1GB Memory limit.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 74**

Which two statements are true regarding VMware vSphere Flash Read Cache (vFRC)? (Choose two.)

- A. Cache fills and cache evictions happen in the granularity of a cache block size.
- B. vFRC caches data from both read and write I/Os, but write I/Os are always serviced by the underlying storage.
- C. vFRC caches data from both read and write I/Os, but write I/Os are always serviced by the underlying cache data.
- D. Cache fills and cache evictions happen in the granularity of the disk block size.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 75**

An administrator is tasked with performing a vMotion migration of a virtual machine. The virtual machine is configured as follows:

- vSphere Flash Read Cache (vFRC) enabled
- Is part of a Distributed Resource Cluster (DRS) Cluster

Which two statements are true? (Choose two.)

- A. Each ESXi host in the cluster supports multiple virtual flash resources.
- B. Each ESXi host in the cluster supports one virtual flash resource.
- C. DRS treats powered-on virtual machines with Flash Read Cache as having a preferred affinity to their current host and moves them only for mandatory reasons.
- D. DRS treats powered-on virtual machines with Flash Read Cache as having a required affinity to their current host and does not move them.

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 76**

Which two actions are required when enabling vFlash Read Cache for a virtual machine's virtual disk? (Choose two.)

- A. A value in the Virtual Flash Read Cache text box must be entered.
- B. A Flash Resource Pool for Cache size reservation must be entered.
- C. The Device backing and the block size must be configured.
- D. The Enable virtual flash host swap cache check box must be selected.

**Correct Answer:** AD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 77**

vMotion can be performed between which three physical boundaries? (Choose three.)

- A. Between two vCenter Server Systems
- B. Between two vSphere Distributed Virtual Switches
- C. Between two vCenter Server Datacenter objects
- D. Between two VMware NSX Layer 4 segments
- E. Between two NFS datastores

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 78**

Which three operations occur during a cold migration of a virtual machine? (Choose three.)

- A. The virtual machine disks are moved if the datastore is being changed.
- B. The virtual machine is registered with the destination server.
- C. The source virtual machine is removed from the old hosts.
- D. The virtual machine hardware is upgraded.
- E. The virtual machine files are quiesced prior to the migration.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 79**

An administrator needs to verify that vMotion operations can be performed in a vSphere data center.



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What round trip time (RTT) latency is the maximum value that will allow vMotion operations to succeed?

- A. 50ms RTT
- B. 100ms RTT
- C. 150ms RTT

D. 200ms RTT

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 80**

Which three are requirements when using vMotion to move a virtual machine across vCenter Server systems? (Choose three.)

- A. Both vCenter Servers must be using Enhanced Linked Mode.
- B. Both vCenter Servers must be in the same Single Sign-On Domain.
- C. Time must be synchronized.
- D. Duplicate VM MAC addresses must be configured.
- E. Both vCenter Servers must have High Availability enabled on source and destination clusters.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 81**

An administrator is migrating a virtual machine from a Test cluster to a Production cluster. The two environments do not have any shared storage.

What is the easiest way to accomplish this task?

- A. Perform a Storage vMotion.
- B. Perform a regular vMotion.
- C. Perform a Virtual to Virtual migration.
- D. Perform a backup and restore using VMware Data Protection.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 82**

What is a benefit of using Enhanced vMotion Compatibility for an environment?

- A. EVC masks CPU features to allow compatibility between hosts that are dissimilar.
- B. EVC allows for cross platform vMotion to occur.
- C. EVC enables Long Distance vMotion.
- D. EVC enables Storage vMotion functionality.

**Correct Answer:** A

**Section:** (none)

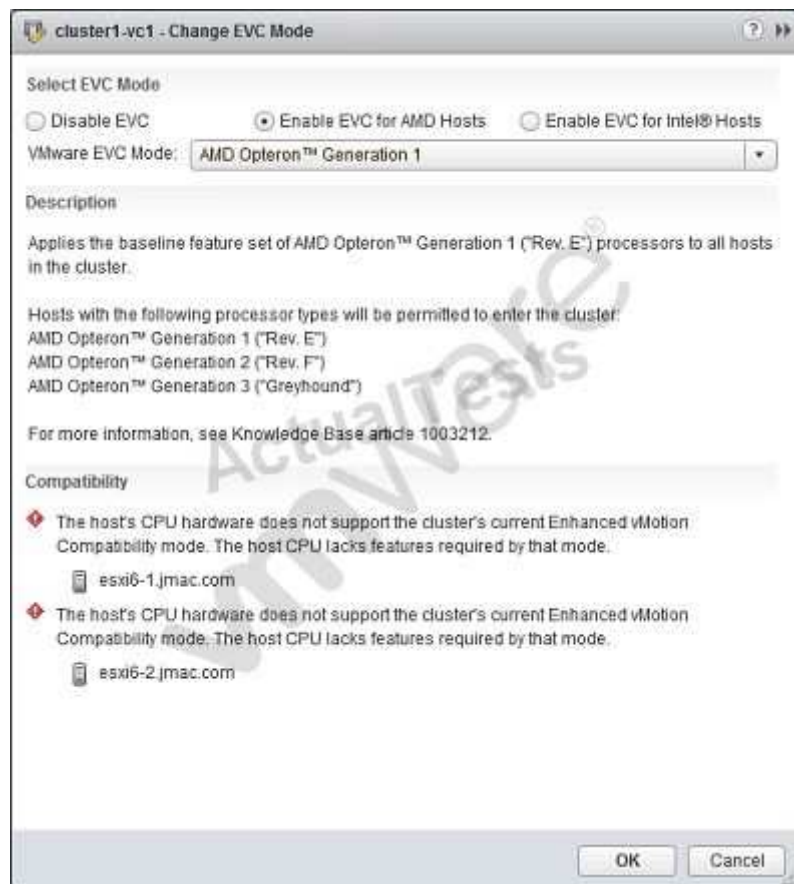
**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 83**

Refer to the Exhibit.



-- Exhibit --

An administrator attempts to enable Enhanced vMotion Compatibility (EVC) on a cluster. The operation results in a compatibility error, as shown in the exhibit.

What is the likely cause of this error?

- A. The CPUs in the ESXi host are not AMD CPUs.
- B. The CPUs in the ESXi host do not support hardware virtualization capabilities.
- C. The XD/NX CPU features have not been enabled in the BIOS of the server.
- D. There is no shared storage between the hosts in the cluster.



**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 84**

An administrator is attempting to migrate a large Hadoop virtual machine using vMotion. The administrator notices a delay when the machine is quiesced. The Hadoop virtual machine is processing many transactions a second to an in-memory database.

Which two actions would help reduce the amount of time needed to perform a vMotion on this virtual machine? (Choose two.)

- A. Use multiple NICs for the vMotion vmkernel port.
- B. Use a 10Gbps Network card for the vMotion vmkernel port.
- C. Add an additional management network to help transmit the data quicker.
- D. Disable Fault Tolerance before performing the vMotion.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 85**

An administrator attempts to migrate a suspended virtual machine to a newly deployed vSphere 6.x cluster. The compatibility check fails.

What condition could cause this behavior?

- A. The new vSphere 6.x cluster is running Intel CPUs instead of AMD CPUs.
- B. A suspended virtual machine cannot be migrated.
- C. The hardware virtualization feature of the CPU is not enabled on the new hosts.
- D. A vSphere Distributed Switch is required to migrate a suspended virtual machine.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 86**

An administrator must determine an appropriate backup solution, given these conditions:

- 50 of the virtual machines are in a resource pool named Finance.
- 50 of the virtual machines are in a resource pool named QA. Which solution allows an administrator the ability to backup 100 virtual machines?

- A. Use Snapshot Manager on the vCenter Server to backup the virtual machines.
- B. Use the VMware Consolidated Backup (vcb) tool on the ESXi Host to backup the virtual machines.
- C. Use the VMware Data Recovery (VDR) Appliance on the vCenter Server to backup the virtual machines.
- D. Use the VMware Data Protection (VDP) Appliance on one of the ESXi Hosts to backup the virtual machines.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 87**

A vSphere administrator needs to backup a virtual machine that has a Microsoft SQL Server Database installed.

Which solution allows for an application quiesce to occur during backup?

- A. VMware vCenter Converter
- B. VMware vCenter Site Recovery Manager
- C. VMware vSphere Replication
- D. VMware vSphere Data Protection Advanced

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 88**

Which two statements are true about deploying and using vSphere Replication? (Choose two.)

- A. ESXi hosts managed by a single vCenter Server instance require a connection between the two vSphere Replication appliances.
- B. Sites managed by different vCenter Server instances require a connection between the two vSphere Replication appliances.
- C. Sites managed by different vCenter Server instances require the use of Site Recovery Manager and a connection between the two vSphere Replication appliances.
- D. ESXi hosts managed by a single vCenter Server instance require a single vSphere Replication appliance.

**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 89**

An administrator is attempting to restore a number of files in a directory within the Operating System of a virtual machine.

How can the administrator restore the files from a previous backup?

- A. Use the File Level Restore option from the selected backup of the virtual machine in the vSphere Web Client.
- B. Connect to the File Level Restore tool from a web browser in the virtual machine.
- C. Connect to the File Level Restore tool from the VMware Data Protection appliance.
- D. Use the File Level Restore option from the selected backup of the virtual machine in the vSphere Client.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 90**

What are three valid disk configurations for the vSphere Data Protection 6.x Appliance? (Choose three.)

- A. 500GB
- B. 1TB
- C. 1.5TB
- D. 2TB

E. 4TB

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 91**

What is a benefit of using VMware Data Protection (VDP)?

- A. Provides support for guest-level backups and restores of Microsoft SQL Servers, Exchange Servers, and Share Point Servers.
- B. Provides support for advanced storage services including replication, encryption, deduplication, and compression.
- C. Provides direct access to VDP configuration integrated into the vSphere Client.
- D. Reduces disk space consumed by virtual machine data using deduplication.

**Correct Answer:** D

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 92**

When configuring vSphere Replication for a virtual machine, what is the lowest Recovery Point Objective (RPO) that can be selected?

- A. 1 min
- B. 5 min
- C. 10 min
- D. 15min

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 93**

An administrator configures vSphere Replication for a virtual machine and enables multiple point in time (PIT) instances under the recovery settings in the Configure Replication wizard.

Which two statements are correct for vSphere Replication with multiple point in time instances enabled? (Choose two.)

- A. vSphere Replication retains a number of snapshot instances of the virtual machine on the target site based on the retention policy that you specify.
- B. vSphere Replication uses the virtual machine's snapshot instances to define the target site Point in Time instance based on the retention policy that you specify.
- C. vSphere Replication does not support virtual machines with snapshots.
- D. vSphere Replication supports virtual machines with snapshots.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 94**

Which three actions can be taken as a result of executing the vSphere Update Manager 6.x scan and remediation wizards? (Choose three.)

- A. Install and upgrade software in virtual machines.
- B. Upgrade the firmware on ESXi host devices.
- C. Upgrade and Patch ESXi hosts.
- D. Install and update third-party software on hosts.
- E. Upgrade virtual machine hardware.

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 95**

Which three steps must be taken to use vSphere Update Manager 6.x to upgrade an ESXi 5.5 host to vSphere 6.x? (Choose three.)

- A. Download an ESXi Image.
- B. Configure the vSphere Update Manager Download Service.

- C. Create a baseline and attach it to the ESXi Host.
- D. Scan the vCenter Content Library for the ESXi Image.
- E. Remediate the ESXi Host.

**Correct Answer:** ACE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 96**

vSphere Update Manager allows which two virtual machine attributes to be upgraded? (Choose two.)

- A. Virtual machine firewall policies for NSX.
- B. Software Packages in the virtual machine.
- C. Virtual machine Hardware Version.
- D. VMware Tools Upgrade.

**Correct Answer:** CD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 97**

An administrator enables vSphere High Availability (HA) on an existing cluster with a large number of hosts and virtual machines. The administrator notices that the setup of vSphere HA on some of the hosts is failing.

What step, if taken, might resolve this issue?

- A. Increase the value of the config.vpxd.das.electionWaitTimeSec setting.
- B. Set the value of vpxd.das.aamMemoryLimit to 256.
- C. Set the value of the das.useDefaultIsolationAddress setting to False.
- D. Increase the value of the das.iostatsinterval setting.

**Correct Answer:** A

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 98**

An attempt to enable vSphere Fault Tolerance for a powered-on virtual machine fails.

Which two scenarios would result in this failure? (Choose two.)

- A. The virtual machine has three vCPUs configured.
- B. The host on which the virtual machine is running has insufficient memory resources.
- C. The virtual machine has insufficient resources to accommodate full reservation plus the overhead memory.
- D. VMware High Availability is enabled on the cluster of which this host is a member.

**Correct Answer:** BC

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 99**

An administrator is unable to remove an ESXi 6.x host from a vSphere Distributed Switch.

What are two likely reasons for this issue? (Choose two.)

- A. Vmkernel interfaces on the switch are still in use.
- B. VM Network port group adapters are connected to different switch.
- C. Physical NICs are migrated to different switch.
- D. VM Network adapters are connected to this switch.

**Correct Answer:** AD

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 100**

An administrator is attempting to enable Storage I/O Control on a datastore, but it is failing.

What is the likely reason for this failure?

- A. The host is connected to a datastore is running on ESX 4.0.
- B. The host is connected to a Fibre Channel storage array.
- C. The datastore has multiple extents.
- D. The datastore is managed by a single vCenter Server.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 101**

Which scenario shows a reason for VMware Tools failing to install?

- A. Virtual machine has a CD-ROM configured.
- B. Guest OS Antivirus is blocking the VMware Tools installation.
- C. Guest OS has 64-bit ldd (list dynamic dependencies) utility installed.
- D. Virtual machine is powered on.

**Correct Answer:** B

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 102**

What are two possible causes of Storage Distributed Resource Scheduler (SDRS) being disabled on one or more virtual machine disks in a datastore cluster? (Choose two.)

- A. The virtual machine has vSphere Fault Tolerance disabled.
- B. The virtual machine is a template.
- C. The virtual machine swap file is on a shared datastore.
- D. The disk is a CD-ROM/ISO file.



**Correct Answer:** BD

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 103**

What may be a cause for failure to unmount an NFS datastore?

- A. It has active snapshot files.
- B. It is being used for High Availability (HA) heartbeat.
- C. It is part of a Cluster.
- D. It is managed by Distributed Resource Scheduler (DRS).

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 104**

An administrator is troubleshooting basic network connectivity issues.

Which two scenarios are potential issues that this administrator might face? (Choose two.)

- A. The vSwitch is not attached to the correct physical network.
- B. The portgroup is not configured to use correct VLAN.
- C. Traffic shaping is configured incorrectly.
- D. Jumbo frames is configured incorrectly.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 105**

Why are some virtual machines orphaned after rebooting a High Availability (HA) enabled host?

- A. The Orphaned virtual machines have HA restart disabled.
- B. The Orphaned virtual machines moved recently and the change did not persist.
- C. The host is attached to failed storage.
- D. The host just came out of maintenance mode.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 106**

An administrator is attempting to power on a virtual machine, but is unable to do so.

Which two reasons are probable causes of the failure? (Choose two.)

- A. Storage access to the virtual machine swap file has been lost.



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- B. One of the virtual machine VMDK files is locked.
- C. Virtual machine is running CentOS 7.0 64-bit.
- D. Virtual machine has Hyper-Threading enabled.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

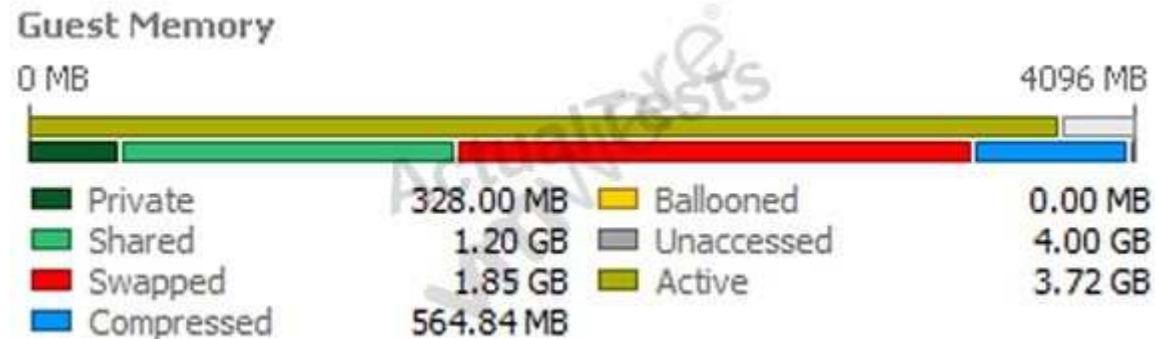
**Explanation/Reference:**

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Explanation:

#### QUESTION 107

Refer to the Exhibit.



-- Exhibit --

A 4 GB Memory virtual machine is experiencing extended memory issues, as shown in the Exhibit.

What potential issues could be attributed to this memory pressure?

- A. A limit is imposed on the virtual memory of this virtual machine.
- B. The Balloon driver has been uninstalled.
- C. A limit has been imposed on the Virtual CPU of the virtual machine.
- D. Storage IO control has been enabled for the virtual machine causing the swapped memory.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### QUESTION 108

An administrator has unsuccessfully attempted several times to install an Operating System inside a virtual machine. The administrator finds that the installation fails at random intervals.

Which two actions can be taken to resolve this issue? (Choose two.)

- A. Verify the md5sum and if invalid, download the installation files again.
- B. Attempt the installation an additional time.
- C. Attempt to use a different installation media or installation method.
- D. Create a new virtual machine and attempt the installation with the existing media.

**Correct Answer:** AC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 109**

A Fault Tolerance (FT) virtual machine with four vCPUs is experiencing high latency when performing ICMP and Application tests.

What are three potential causes that may be attributing to this latency? (Choose three.)

- A. The FT network has insufficient bandwidth and is running on a 1GB Link.
- B. The FT network is on a particularly high latency link.
- C. The FT network has been configured with Network I/O Control.
- D. The FT virtual machine is running an e1000 network adapter.
- E. The FT virtual machine is running on poor performing network-based storage.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 110**

VMware tools is failing to install on a Microsoft Windows virtual machine.

What are two possible situations that would prevent the installation? (Choose two.)

- A. The VMware tools installation media is corrupt.
- B. The incorrect Operating System was selected in the virtual machine options.

- C. The software prerequisites have not been installed.
- D. The prerequisite services have not been started.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 111**

An administrator is attempting to power on a virtual machine, but the task is hanging at 95%. What three scenarios best explain why this problem is happening? (Choose three.)

- A. A virtual machine question is currently being posed to the administrator.
- B. Another task for the virtual machine or other component is already in progress.
- C. The VMware High Availability cluster has insufficient resources to guarantee failover.
- D. The host has lost access to the storage device containing the virtual machine files.
- E. The host is under resource contention and unable to power on the virtual machine.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 112**

An application running in a virtual machine is experiencing performance issues. When utilizing performance monitoring utilities, it is noted that the CPU Utilization of the application is at 100%.

Which two scenarios are probable causes of the CPU contention for the application? (Choose two.)

- A. There is a network I/O constraint.
- B. There is a storage I/O constraint.
- C. There is insufficient disk space assigned to the virtual machine.
- D. The application is not virtualization aware.

**Correct Answer:** AB

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 113**

A user is trying to retrieve objects from a SharePoint server and finds the request is taking an excessive amount of time. An administrator tries to isolate the issue and notes the following:

- Application performance is poor when compared to virtual machines on other hosts.
- Performance improves when the virtual machine is moved to another host.
- The virtual machine encounters higher than expected CPU %Ready times.

What conclusion can be reached regarding the performance issues for this virtual machine?

- A. Host Power Management is directly impacting virtual machine performance.
- B. The virtual machine has a large number of snapshots.
- C. The Path Selection Policy for the storage device is set differently on the affected host.
- D. Network I/O control is configured for the portgroup.

**Correct Answer: A**

**Section: (none)**

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 114**

When attempting to access a virtual machine, an administrator is unable to login using the vSphere credentials.



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What two options are probable causes of the authentication failure? (Choose two.)

- A. The vSphere credentials have not been granted permissions.
- B. The vSphere credentials are granted read-only permissions.
- C. The vSphere credentials are granted no-access permissions.
- D. The vSphere credentials are not a member of the local administrator group.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 115**

A physical Windows 2008 R2 Server is converted to a virtual machine using VMware vCenter Converter. Upon completion of the conversion and subsequent power on operation, the virtual machine fails to boot and the message below is observed in the Console of the virtual machine:

STOP 0x0000007B INACCESSIBLE\_BOOT\_DEVICE

Which two potential issues may be causing this boot failure? (Choose two.)

- A. An incorrect SCSI controller was selected during conversion.
- B. Incompatible software drivers were migrated into the virtual machine from the source machine.
- C. The vmdk file backing the virtual machine was thick provisioned.
- D. A snapshot was taken immediately after the conversion completed.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 116**

When attempting to power on a Virtual Machine you observe the following error:

Cannot open the disk '/vmfs/volumes/volume/vm/vm-000002.vmdk' or one of the snapshot disks it depends on.

Which three actions will be the best solutions to address this problem? (Choose three.)

- A. Verify that the virtual machine's disk files are present.
- B. Investigate the host and virtual machine log files.
- C. Verify the vmdk descriptor files and if required, recreate them.
- D. Delete the disk file preventing the power on operation.
- E. Migrate or register the virtual machine to a different host.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

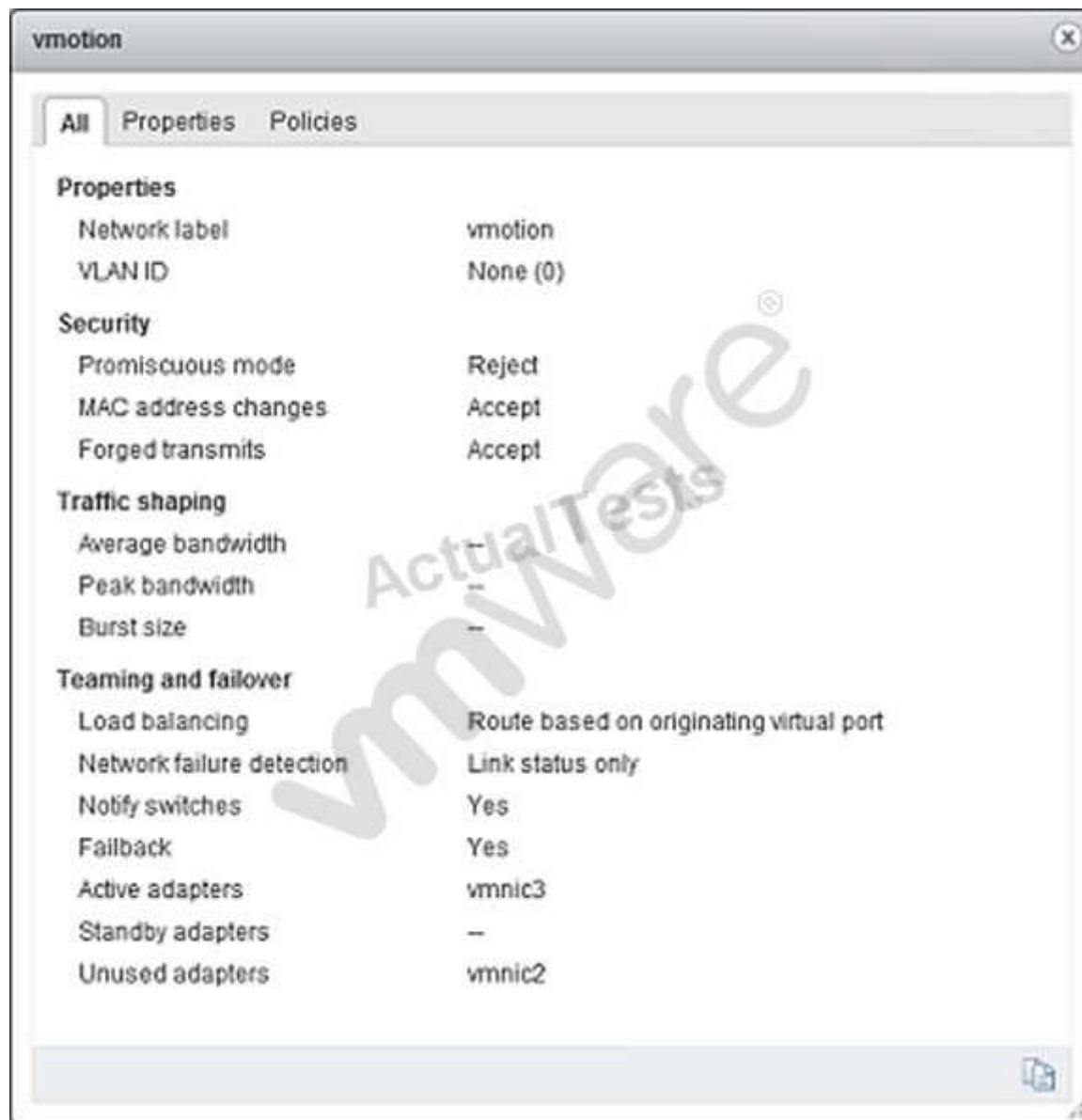
Explanation:

**QUESTION 117**

Refer to the Exhibit.

-- Exhibit --





An administrator has been given requirements to configure vMotion for a new virtual machine. The configuration should:

- Provide Network Redundancy
- Use VLAN 550
- Be secured against anyone trying to spoof communication

The vSwitch1 configuration is shown in the Exhibit.

Which three changes should be made to meet the stated requirements? (Choose three.)

- A. The VLAN ID must be set appropriately.
- B. The default values for MAC Address Changes and Forged Transmits must be altered.
- C. The teaming and failover adapters must be set appropriately.
- D. The Traffic Shaping configuration must be altered.
- E. The Load Balancing Policy must be set appropriately.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 118**

An administrator is using the Host Failures to Tolerate Admission Control Policy for a vSphere High Availability (HA) cluster. When configuring this setting on the cluster, the administrator sees this error message:

Insufficient resources to satisfy HA failover level on cluster

What are two likely causes for the error? (Choose two.)

- A. The hosts in the cluster are disconnected.
- B. A host in the cluster is displaying an HA error.
- C. Distributed Resource Scheduler has not been configured on the cluster.
- D. Virtual Machine Component Protection has not been turned on.

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 119**

An administrator has been tasked with enabling High Availability (HA) on a cluster in a vSphere 6.x environment with default settings. The cluster configures properly and there are no errors. The next day when powering on a virtual machine, an error is presented:

Not Enough Failover Resources

Which three scenarios are likely causes of this error message? (Choose three.)

- A. The default VM Monitoring Sensitivity is set too high.
- B. There are not enough datastore heartbeat datastores configured by default.
- C. The default slot size in the cluster is set too high.
- D. There are virtual machines with large CPU reservations.
- E. A host is in maintenance mode for a replacement of a failed Hard Drive.

**Correct Answer:** CDE

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 120**

An administrator is attempting to remove an ESXi 6.x host from a vSphere Distributed Switch (vDS). When the administrator attempts to remove the host, the following error is observed:

The resource '16' is still in use.

What three steps are needed to successfully remove the host from the switch? (Choose three.)

- A. Select Manage Ports on the vDS for the host.
- B. Locate all ports currently in use on the vDS for the host.
- C. Migrate or delete any vmkernel or virtual machine adapters associated with the switch.
- D. Remove all network cards from the switch before trying to remove the host.
- E. Create a standard switch for everything to be automatically be migrated to.

**Correct Answer:** ABC

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 121**

An administrator logs into the vSphere Web Client, but is unable to see any hosts and clusters.

Which two options could fix the problem? (Choose two.)

- A. Verify that the client web browser and vCenter Server are in the same broadcast domain.
- B. Verify that the vCenter Server system is registered with the same Platform Services Controller as the vSphere Web Client.
- C. Log in to the vCenter Server as a user within the Active Directory domain.
- D. Log in to the vSphere Web Client as a user with permissions on the vCenter Server system.

**Correct Answer:** BD

**Section:** (none)

## **Explanation**

### **Explanation/Reference:**

Explanation:

### **QUESTION 122**

Users of an application are reporting performance issues. The following performance values are observed in the vSphere Web Client:

- Host CPU utilization is 90%
- Virtual Machine memory utilization is consistently greater than 90%
- CPU Ready values are higher than 20%

What could be the cause of the application performance issue?

- A. The host is lacking the CPU resources required to meet the demand.
- B. The host is lacking the memory resources required to meet the demand.
- C. The virtual machine is lacking the CPU resources required to meet the demand.
- D. The virtual machine is lacking the memory resources required to meet the demand.

**Correct Answer:** A

**Section:** (none)

## **Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 123**

- An administrator wants to add a web server to an existing multi-tier application consisting of three virtual machines:
- A web server
  - A database server
  - An application server

The web server should be added to the application when the primary web server reaches:

- 70% vCPU utilization
- 55% active memory

Which option will achieve this result?

- A. Create a virtual machine alarm with an action to run a script that starts a new instance of the web server.
- B. Create a host cpu and memory alarm with an action to run a script that starts a new instance of the webserver.
- C. Configure HA application monitoring for the web server and set it to trigger deployment of a new instance of the web server.
- D. Configure Fault Tolerance on the virtual machine and leave the secondary machine disabled until needed.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 124**

An administrator has configured an alarm to be notified when a virtual machine meets two conditions:

- high virtual CPU
- high active memory consumption

The alarm is malfunctioning and triggering when either condition is met instead of both.

What can be done to correct the issue?

- A. Edit the alarm and select Trigger if ALL of the following conditions are satisfied.
- B. Edit the alarm and select Trigger if ANY of the following conditions are satisfied.

- C. Create two separate alarms, one for CPU and one for memory.
- D. Delete the existing alarm and create a new event based alarm.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 125**

An administrator has configured an alarm to be notified when a virtual machine meets either of these conditions:

- High virtual CPU
- High active memory consumption.

The alarm is only triggering when both of the conditions are met.

What can be done to correct the alarm behavior?

- A. Edit the alarm and select Trigger if ANY of the following conditions are satisfied.
- B. Edit the alarm and select Trigger if ALL of the following conditions are satisfied.
- C. Create two separate alarms, one for CPU and one for memory and link them together with ESXCLI.
- D. Delete the existing alarm and create a new event based alarm.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

#### **QUESTION 126**

An organization has configured Distributed Power Management (DPM) on a vSphere 6 cluster. The organization wants to be alerted when an ESXi host has been powered down by DPM.

Which two options represent the type and name of the alarm that would accomplish this? (Choose two.)

- A. DrsEnteringStandbyModeEvent
- B. DrsEnteredStandbyModeEvent

- C. Event-based
- D. Condition-based

**Correct Answer:** BC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 127**

Which three actions can be executed when an alarm is triggered? (Choose three.)

- A. Send an email.
- B. Send an SNMP trap.
- C. Run a script or command.
- D. Run an Orchestrator workflow.
- E. Send a trigger to syslog.

**Correct Answer:** ABC

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 128**

Which two SMTP Notification Event Details are specific to alarms triggered by events? (Choose two.)

- A. User Name
- B. Summary
- C. Old Status
- D. Target

**Correct Answer:** AB

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:

**QUESTION 129**

An administrator deploys vRealize Operations into a vSphere 6.x environment. After the deployment, the administrator notices that badges are not appearing.

What is a likely cause of this behavior?

- A. Badges do not appear until you register vRealize Operations with vCenter Server.
- B. Badges do not appear until you register a vCenter Server in vRealize Operations.
- C. The vRealize Operations appliance needs to be redeployed.
- D. The vCenter Server appliance needs to be redeployed.

**Correct Answer:** A

**Section:** (none)

**Explanation**

**Explanation/Reference:**

Explanation:



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