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Vendor: VMware

Exam Code: VCPC610

Exam Name: VMware Certified Professional 6 - Cloud

Version: Demo

QUESTION 1

To comply with security requirements, an administrator with a vCenter Server Appliance needs to force logoff of the vSphere web client after 10 minutes of inactivity.

What should the administrator do to meet the requirement?

- A. Edit: /var/lib/vmware/vsphere-client/webclient.properties, modify session.timeout=10
- B. Edit: /opt/vmware/vsphere-client/webclient.properties, modify session.timeout=600
- C. Edit: /var/lib/vmware/vsphere-client/webclient.properties, modify session.timeout=600
- D. Edit: /opt/vmware/vsphere-client/webclient.properties, modify session.timeout=10

Correct Answer: A

QUESTION 2

An administrator needs to create a two-node virtual machine cluster in a vSphere environment that uses a Fibre Channel SAN. The clustering software does not have a SCSI target or a SCSI command pass-through requirement.

Which VMware storage type should the administrator use?

- A. Physical RDM
- B. VMFS
- C. Virtual RDM
- D. NFS

Correct Answer: B

QUESTION 3

During the installation of ESXi 5.5, the following error message is reported:

Hardware Virtualization is NOT a feature of the CPU, or is NOT enabled in the BIOS.
Which condition would generate this message?

- A. LAHF/SAHF is NOT enabled in the BIOS.
- B. NX/XD is NOT enabled in the BIOS.
- C. SSE3 is NOT enabled in the BIOS.
- D. Hyperthreading is NOT enabled in the BIOS.

Correct Answer: A

QUESTION 4

During a physical network reconfiguration, an ESXi host briefly lost connection to the management network. High Availability (HA) began powering off the virtual machines residing on the affected host to be restarted on an unaffected host in the cluster.

Which setting should the administrator configure to prevent this type of HA failover during planned maintenance?

- A. Host isolation response
- B. Host monitoring
- C. VM monitoring
- D. Admission control

Correct Answer: B

QUESTION 5

An administrator has configured multi-pathing using an FC array in an active-active configuration.

What is the expected behavior of the host when a failed preferred path becomes available using the Fixed path selection policy for this array type?

- A. It automatically reverts to the preferred path.
- B. It continues using the current path until it is manually reverted.
- C. It resumes load balancing across all available paths.
- D. It reverts to the preferred path after the host has been restored and rebooted.

Correct Answer: A

QUESTION 6

As part of a multisite Single Sign-On (SSO) deployment, what two steps are required to ensure that a change to one Single Sign-On instance is propagated to the other instances? (Choose two.)

- A. Schedule a Replication Task on the primary instance
- B. Select the first instance during the installation of subsequent instances
- C. During the installation of each instance choose Linked-Mode
- D. Enable Synchronize to Active Directory on each instance

Correct Answer: AC

QUESTION 7

An administrator is upgrading a vSphere Distributed Switch. The existing switch is version 5.0 and the administrator wants to upgrade to the latest version possible. The environment contains several ESXi 5.1 hosts.

Which two options are available to ensure that the upgraded switch will be compatible with these hosts? (Choose two.)

- A. Upgrade the vSphere Distributed Switch to 5.5
- B. Upgrade the ESXi 5.1 hosts to version 5.5, then upgrade the vSphere Distributed Switch to 5.5
- C. Upgrade the vSphere Distributed Switch to 5.1
- D. Upgrade the ESXi host switches to 5.5, then upgrade the vSphere Distributed Switch to 5.5

Correct Answer: BC

QUESTION 8

An administrator needs to prevent two virtual machines from running on the same host at any time.

Which DRS rule should the administrator apply?

- A. vm-to-vm affinity
- B. vm-to-host affinity
- C. vm-to-vm anti-affinity
- D. vm-to-host anti-affinity

Correct Answer: C

QUESTION 9

A virtual machine is receiving a large number of network packets, which is affecting the performance of other virtual machines connected to the same virtual network.

What should the vSphere administrator do to resolve the issue?

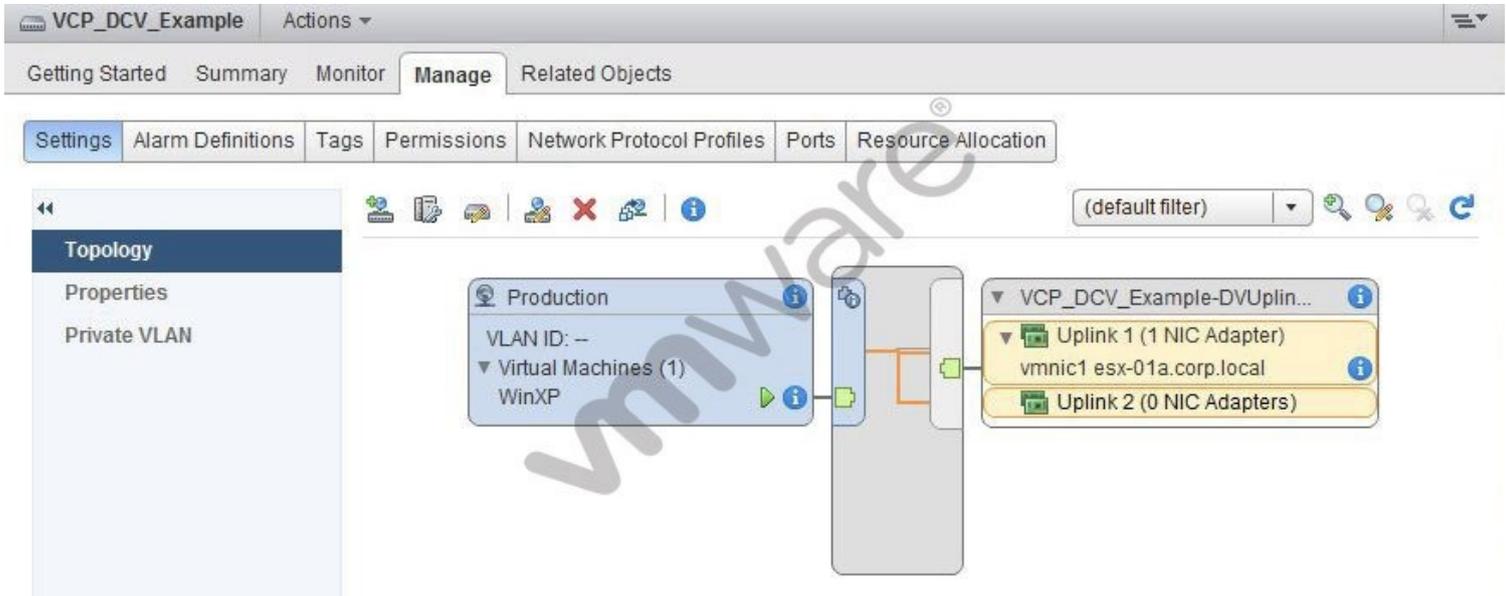
- A. Migrate the virtual machine to a standard switch that has been configured for ingress traffic shaping
- B. Configure the distributed switch to which the virtual machine is connected for ingress traffic shaping
- C. Migrate the virtual machine to a different port group on the same distributed switch

D. Enable Network I/O Control on the standard switch to which the virtual machine is connected

Correct Answer: B

QUESTION 10

Refer to the exhibit.



The WinXP virtual machine user reports intermittent connectivity to the corporate network. The exhibit shows the current configuration.

The configuration is as follows:

- This virtual machine runs in a DRS/HA cluster of two hosts.
- The VCP_DCV_Example vSphere Distributed Switch was recently created.
- The WinXP virtual machine was recently migrated from another vSphere Distributed Switch.
- The WinXP virtual machine was able to connect prior to migration to this switch.
- No changes to the VCP_DCV_Example switch have been made since creation.

Which step should the administrator take to resolve the WinXP virtual machine's intermittent connectivity to the corporate network?

- A. Add the ESXi host to the switch where the virtual machine is currently running
- B. Disable Port Blocking on the VCP_DCV_Example switch
- C. Disable Port Blocking on the Production port group
- D. Enable Network I/O Control on the switch to better balance I/O

Correct Answer: A

QUESTION 11

An administrator is considering using NPIV to assign WWNs to virtual machines. Virtual machine portability is a major concern.

Why would NPIV be inappropriate for this deployment?

- A. Virtual machines using NPIV must use DirectpathIO.
- B. Storage vMotion is not supported using NPIV.
- C. vMotion is not supported using NPIV.
- D. Enabling NPIV requires SR-IOV supported hardware.

Correct Answer: B

QUESTION 12

Which condition would prevent an administrator from unmounting a VMFS datastore?

- A. The datastore is being managed by Storage DRS.
- B. The datastore contains vCenter Server templates.
- C. The datastore is mounted by multiple hosts.
- D. The storage backing the datastore is detached.

Correct Answer: A

QUESTION 13

Refer to the exhibit



The vSphere administrator attempts to connect to an ESXi host via an SSH client and receives the following security alert:



The vSphere administrator needs to determine whether the RSA key fingerprint shown in the security alert is the fingerprint of the intended ESXi host.

Which tool should the vSphere administrator use?

- A. Direct Console User Interface

- B. vSphere Client
- C. vSphere Web Client
- D. vSphere Management Assistant

Correct Answer: A

QUESTION 14

A vSphere administrator needs to increase the capacity of an existing Storage Distributed Resource Scheduler (SDRS) datastore cluster. The storage administrator has provisioned two new NFS datastores to be added to the cluster.

The vSphere administrator receives an error message, preventing the administrator from adding the newly provisioned datastores to the cluster.

What is the likely reason that the action failed?

- A. There are virtual machines running on the datastores being added to the cluster.
- B. The datastores in the SDRS cluster are VMFS datastores.
- C. The datastores in the existing cluster have hardware acceleration enabled and the new datastores do not.
- D. The SDRS cluster has not been placed into maintenance mode.

Correct Answer: B

QUESTION 15

A vSphere administrator creates a new vSphere Distributed Switch. The administrator receives notice from the service desk that a cluster of vSphere hosts has disconnected from vCenter Server. This disconnect occurred immediately after the new switch was created. This vSphere Distributed Switch is the only distributed switch managed by vCenter Server.

The virtual machines are still functional and the applications are still accessible by end users.

On the ESXi hosts, which step must the vSphere administrator take to allow vCenter Server to reconnect?

- A. Use the Direct Console User Interface to reattach the management vmnic to the appropriate switch
- B. Use the Direct Console User Interface to disable lockdown mode on each affected host
- C. Use the ESXi Shell to restart the mgmt-vmware service on each affected host
- D. Use the ESXi Shell to restart the vSphere Web Client service on each affected host

Correct Answer: A

QUESTION 16

Immediately after installing an ESXi host, an administrator needs to examine the following log files:

/var/log/hostd.log
/var/log/vmkernel.log
/var/log/vpxa.log

Which two techniques could an administrator use to examine these files? (Choose two.)

- A. Using the Direct Console User Interface
- B. Attaching a vSphere Client directly to the ESXi host
- C. Attaching the vSphere Web Client directly to the ESXi host
- D. Attaching the vSphere Client to the vCenter Server

Correct Answer: AB

QUESTION 17

An administrator determines that when a host residing in a High Availability (HA) cluster fails, the virtual machines fail to restart on a remaining host, or will only restart after a long delay.

Which two conditions would account for this behavior? (Choose two.)

- A. The virtual machines were not protected by vSphere HA at the time the failure occurred.
- B. Distributed Resource Scheduler was not enabled at the time the failure occurred.
- C. There is insufficient spare capacity on hosts with which the virtual machines are compatible.
- D. The virtual machines contain physical Raw Device Mappings.

Correct Answer: AC

QUESTION 18

An administrator needs to deploy several virtual machines. Storage contention between the virtual machines should be managed by the VMkernel. Some of the virtual machines will use MSCS and should be highly available across the ESXi 5.5 hosts.

Which two storage options meet these requirements? (Choose two.)

- A. iSCSI
- B. NFS
- C. Fibre Channel
- D. VSAN

Correct Answer: AC

QUESTION 19

An administrator is installing ESXi 5.x to a local SAS drive. The installation stops on a purple screen and shows the error:

The system has found a problem on your machine and cannot continue. Could not populate the filesystem: Admission check failed

Which action should the administrator take to resolve this issue?

- A. Upgrade the ESXi host to meet the minimum hardware requirement for installation.
- B. Disable the network interface cards (NICs) to ensure that third-party drivers do not interfere with installation.
- C. Enable hardware Virtualization Technology in the ESXi host BIOS.
- D. Disable the Host Bus Adapters (HBA) to ensure the installation targets the local disk.

Correct Answer: A

QUESTION 20

A vSphere administrator notices that hosts are not powering off when the total cluster load is low on a cluster configured with Dynamic Power Management.

What condition could cause this behavior?

- A. The DRS migration threshold is set to the most conservative setting.
- B. The DRS migration threshold is set to the most aggressive setting.
- C. The DPM migration threshold is set to the most conservative setting.
- D. The DPM migration threshold is set to the most aggressive setting..

Correct Answer: A

QUESTION 21

A storage engineer determines there are problems with the iSCSI network. A vSphere administrator needs to gather performance metrics from a specific ESXi 5.x host to determine if the issue is causing high storage latency on the ESXi host.

Which tool should the vSphere administrator use to gather this data?

- A. esxtop
- B. vmkfstools
- C. vmware-cmd
- D. esxcli iscsi

Correct Answer: A

QUESTION 22

An administrator is deploying vSphere 5.5. The administrator creates a vSphere Distributed Switch, then uses Auto Deploy to deploy several ESXi hosts. After the hosts are deployed, the administrator notices that LACP packets are not being sent between them.

Which condition would cause this issue to occur?

- A. The LACP support settings do not exist in the Host Profile.
- B. The LACP installation bundle is not included in the Image Profile.
- C. LACP is not enabled on vCenter.
- D. LACP has not been configured on the Auto Deploy server.

Correct Answer: A

QUESTION 23

Why would a vSphere administrator configure resource shares for a virtual machine?

- 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 at all times
- D. To guarantee access to a resource at all times

Correct Answer: A

QUESTION 24

An administrator has created a Virtual Flash Read Cache and needs to add a total 2TB of capacity to the cache. The administrator has a total of six SSD disks to add, but is unable to add one of the disks.

What is a likely cause of the problem?

- A. The SSD device size is less than 256GB.
- B. The SSD device size is greater than 4TB.
- C. The SSD device is a local disk.
- D. The SSD device contains existing data.

Correct Answer: B

QUESTION 25

An administrator is deploying vSphere using a NAS device as the shared storage system. The administrator has already created a VMkernel port, enabled the NFS client, and configured a mount point accessible to the hosts.

Which additional configuration is required before the datastore can be used to create virtual machines?

- A. The ESXi hosts must have root access to the datastore.
- B. The NAS must support NFS version 4.
- C. Port binding must be configured on the VMkernel port.
- D. The MTU on the VMkernel port must be set to 9000.

Correct Answer: A

QUESTION 26

An administrator determines that a vSphere Standard Switch is dropping all inbound frames to a specific virtual machine. The behavior appeared in the last two days. Which configuration was likely changed in the last two days?

- A. MAC address changes
- B. Forged Transmit
- C. Traffic Shaping
- D. Jumbo Frames

Correct Answer: A

QUESTION 27

A vSphere administrator has configured a virtual machine alarm to trigger a warning when the condition Snapshot Size exceeds 1GB.

Which action should the administrator configure on the alarm to automatically resolve the condition?

- A. Delete Snapshot
- B. Reset VM
- C. Run a Command
- D. Consolidate Snapshot

Correct Answer: C

QUESTION 28

Which configuration will block communication between two virtual machines on the same DMZ network?

- A. An isolated Private VLAN configured on a distributed switch and the two DMZ server virtual machines connected to the same port group
- B. Two different port groups created on a distributed switch and 1 DMZ server virtual machine connected to each port group
- C. Two different port groups created on a standard switch and 1 DMZ server virtual machine connected to each port group
- D. The security policy exception set to Reject for the switch to which the two DMZ server virtual machines will be connected

Correct Answer: A

QUESTION 29

An administrator needs to migrate a virtual machine from one datastore to another, but the virtual machine has a snapshot. The virtual machine is running on an ESXi 5.x host.

Which action must the vSphere administrator take to ensure that the snapshot data remains intact?

- A. Perform a standard Storage vMotion migration.
- B. Consolidate the snapshot and then perform a Storage vMotion migration.
- C. Perform a Storage vMotion migration and then copy the snapshot file to the new location.
- D. Delete the snapshot and then perform the Storage vMotion migration.

Correct Answer: A

QUESTION 30

When a vSphere administrator attempts to remediate a host with Update Manager, the host is unable to enter maintenance mode.

Which condition is likely preventing the host from entering maintenance mode?

- A. A virtual machine on the host has a removable device connected.
- B. A virtual machine on the host is configured to use Fault Tolerance.
- C. A virtual machine is powered off and cannot be migrated to another host.
- D. A virtual machine is configured with a local .vswp file.

Correct Answer: A

QUESTION 31

An application team is implementing a new solution in a vSphere environment. The vendor states the application is memory intensive.

The application is very unstable when operating without adequate on-demand access to physical memory. The application's virtual machines have been assigned to the Mission Critical resource pool.

Which resource pool setting will help ensure the application has adequate access to memory?

- A. Memory reservation
- B. High memory share value
- C. Unlimited memory
- D. Expandable reservation

Correct Answer: A

QUESTION 32

Refer to the Exhibit.



What is portrayed in the performance chart shown in the exhibit?

- A. The ESXi host running the VM has Transparent Page Sharing enabled.
- B. The virtual machine's memory share value is set too high.
- C. The virtual machine is memory constrained.
- D. The ESXi host running the VM is low on memory.

Correct Answer: D

QUESTION 33

A user needs to modify the threshold value of the Fault badge within vCenter Operations Manager. What should the administrator do to enable the user to complete this operation?

- A. Add the vCenter Operations Manager Admin privilege on the user in vCenter Server.
- B. Modify the user's rights from the Access Rights tab.
- C. Modify the group's rights from the Account tab.
- D. Add the Adjust Badge Thresholds privilege on the user in vCenter Server.

Correct Answer: A

QUESTION 34

An administrator needs to change the network a virtual machine will attach to. The virtual machine is deployed using vCloud Automation Center, but when the administrator attempts to modify the configuration, the requested network is not displayed.

Why is the network unavailable in the interface?

- A. It is unavailable in the Provisioning Group.
- B. It is unavailable in the Reservation.
- C. It is unavailable in the Blueprint.
- D. It is unavailable in the Build Profile.

Correct Answer: B

QUESTION 35

An administrator deploys vCenter Operations Manager for an environment consisting of 5,200 virtual machines. The appliance begins collecting data from the environment.

A week after deployment, when the administrator tries to connect to the user interface, a 404 error is displayed.

What is the most probable cause for the error?

- A. The UI virtual machine is out of memory.
- B. The UI virtual machine is out of disk space.
- C. The Analytics virtual machine is out of memory.
- D. The Analytics virtual machine is out of disk space.

Correct Answer: D

QUESTION 36

An administrator powers on a vCloud Automation Center Multi-Machine Service that includes Machine A and Machine B. The application on Machine A does not start correctly and displays the following error message:

Machine B not ready

What step should be taken to resolve this issue?

- A. Change the startup order of the Multi-Machine Service.
- B. Create a startup dependency in the Multi-Machine Service.
- C. Define a startup delay in the Multi-Machine Service.
- D. Adjust the startup approvals for the Multi-Machine Service.

Correct Answer: A

QUESTION 37

A vCloud Automation Center administrator configures a virtual machine blueprint with a maximum storage capacity of 50 GB. The virtual machine attached to that blueprint is provisioned with 15 GB of storage.

What happens when the virtual machine is deployed using the default settings?

- A. The virtual machine is deployed with 15 GB of storage.
- B. The virtual machine is not deployed.
- C. The virtual machine disk is deployed with 50 GB of storage.
- D. The user is prompted to reconfigure the virtual machine's storage.

Correct Answer: A

QUESTION 38

A vCloud Automation Center workflow is configured to accept typed user data as input to customize a virtual machine during launch.

Which defined property below would enable this functionality?

- A. Input.Datacenter.Property
- B. Input.VirtualMachine.Property
- C. Input.Custom.Property
- D. Input.UserData.Property

Correct Answer: C

QUESTION 39

A department has a critical business service that will need Compute Resources of 8 GHz CPU, 20 GB Memory and 310 GB Storage.

How should the administrator configure vCloud Automation Center to ensure the highest priority for this critical service?

- A. Create a Reservation with Priority 0, Memory: 20 GB, StorageE. 310 GB Priority 0 using a vSphere Resource Pool that guarantees 8 GHz CPU.
- B. Create a Reservation with Priority 100, Memory: 20 GB, StorageE. 310 GB Priority 100 using a vSphere Resource Pool that guarantees 8 GHz CPU.
- C. Create a Reservation with Priority 0, Memory: 20 GB, StorageE. 310 GB Priority 0 and CPU: 8 GHz CPU Priority 0.
- D. Create a Reservation with Priority 100, Memory: 20 GB, StorageE. 310 GB Priority 100 and CPU: 8 GHz CPU Priority 100.

Correct Answer: A

QUESTION 40

As part of a capacity planning exercise, a user needs a report of all reservations for all Business Groups within the user's department including the percentage used for machine quota, memory, and storage for powered-on virtual machines.

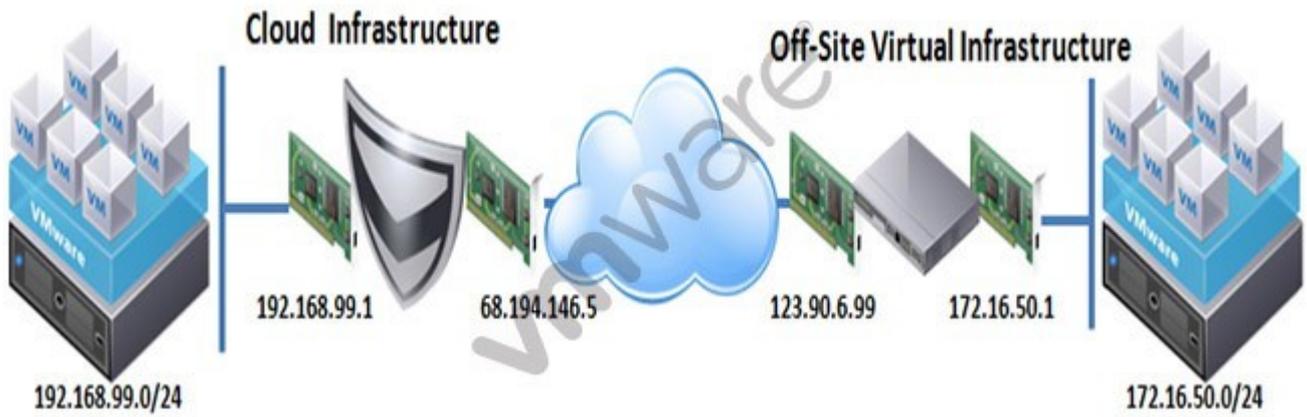
How should the user collect the data for this report?

- A. As a fabric administrator, select the columns needed in the Reservation work area and export the data in a convenient form.
- B. Request that each Business Group Manager provide the Reservation data for the user's department and combine the results.
- C. Request that the database administrator pull the data needed from the appropriate database view exporting in CSV format.
- D. As a fabric administrator, run the Reservation Summary Report from the Reports section in vCloud Automation Center.

Correct Answer: A

QUESTION 41

Refer to the Exhibit.



An administrator needs to configure Site-to-Site VPN.

Based on the exhibit, which address should the administrator use for the Peer IP?

- A. 123.90.6.99
- B. 68.184.146.5
- C. 172.16.50.1
- D. 192.168.99.1

Correct Answer: A

QUESTION 42

Which appliance is required to deploy VXLAN?

- A. NSX Manager
- B. vCloud Director
- C. vCenter Server
- D. vCloud Connector

Correct Answer: A

QUESTION 43

Refer to the Exhibit.

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