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Vendor:VMware

Exam Code:2V0-621D

Exam Name:VMware Certified Professional 6 – Data
Center Virtualization Delta

Version:Demo

QUESTION 1

Lockdown Mode has been enabled on an ESXi 6.x host and users are restricted from logging into the Direct Console User Interface (DCUI). Which two statements are true given this configuration? (Choose two.)

- A. A user granted administrative privileges in the Exception User list can login.
- B. A user defined in the DCUI.Access without administrative privileges can login.
- C. A user defined in the ESXi Admins domain group can login.
- D. A user set to the vCenter Administrator role can login.

Correct Answer: AB

Reference: <https://pubs.vmware.com/vsphere-60/index.jsp?topic=%2Fcom.vmware.vsphere.security.doc%2FGUID-F8F105F7-CF93-46DF-9319-F8991839D265.html>

QUESTION 2

An administrator has been instructed to secure existing virtual machines in vCenter Server.

Which two actions should the administrator take to secure these virtual machines? (Choose two.)

- A. Disable native remote management services
- B. Restrict Remote Console access
- C. Use Independent Non-Persistent virtual disks
- D. Prevent use of Independent Non-Persistent virtual disks

Correct Answer: BD

Reference: <http://www.vmware.com/files/pdf/techpaper/VMW-TWP-vSPHR-SECRTY-HRDNG-USLET-101-WEB-1.pdf> (page 11, see the tables)

QUESTION 3

A common root user account has been configured for a group of ESXi 6.x hosts.

Which two steps should be taken to mitigate security risks associated with this configuration? (Choose two.)

- A. Remove the root user account from the ESXi host.
- B. Set a complex password for the root account and limit its use.
- C. Use ESXi Active Directory capabilities to assign users the administrator role.
- D. Use Lockdown mode to restrict root account access.

Correct Answer: BC

To address the security risks, you need to set a complex password for the root account and make sure only authorized personnel use it. The second step is to use ESXi active directory to assign the administrator role to users.

QUESTION 4

What are three reasons why a virtual machine might fail to power on? (Choose three.)

- A. The virtual machine is running on an ESXi host which has an expired license.
- B. The virtual machine is running on a datastore which has insufficient disk space for the .vswp file.
- C. The virtual machine is in a cluster with vSphere HA Admission control enabled.
- D. The virtual machine has a disconnected network adapter.
- E. The virtual machine does not have a Virtual Hard Disk assigned.

Correct Answer: ABC

Reference:

https://pubs.vmware.com/vsphere-50/index.jsp?topic=%2Fcom.vmware.vsphere.troubleshooting.doc_50%2FGUID-D4770546-9F9A-4F1E-AC1C-CF313E6130F4.html

QUESTION 5

An administrator is able to manage an ESXi 6.x host connected to vCenter Server using the vSphere Web Client but is unable to connect to the host directly. Which action should the administrator take to correct this behavior?

- A. Restart management agents on the ESXi host.
- B. Disable Lockdown Mode on the ESXi host through vCenter Server.
- C. Disable the ESXi firewall with the command `esxcli network firewall unload`.
- D. Reboot the ESXi host.

Correct Answer: B

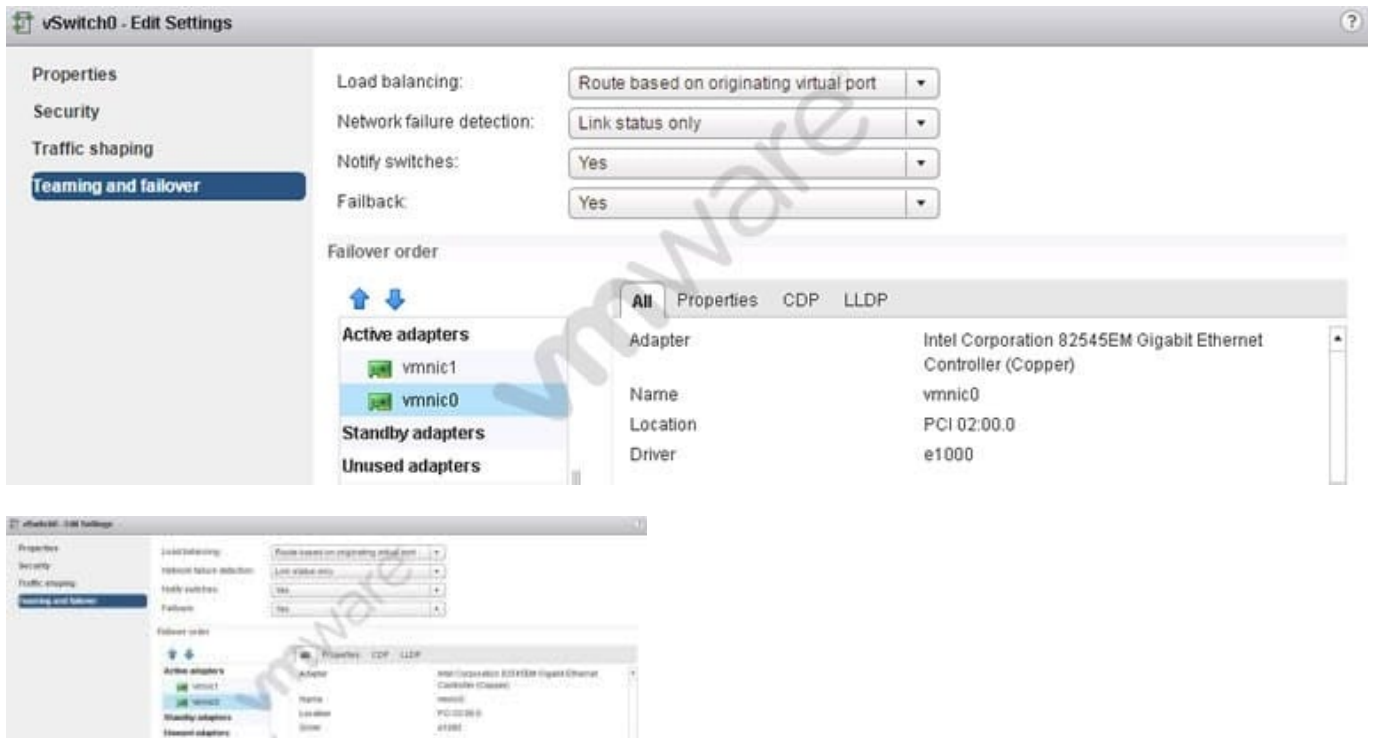
Disable lockdown mode through the DCUI and then enable it through the vCenter Server instead. The vCenter Server does not keep track of lockdown mode state changes that initiated outside of the vCenter Server itself. Reference: http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKC&externalId=2040768

QUESTION 6

An administrator has recently configured HA on a cluster. After reviewing the summary tab on one of the hosts, the warning in Exhibit 1 is displayed:

This host currently has no management network redundancy

The administrator proceeds to view the management network port group data shown in Exhibit 2: The administrator then views the management network vSwitch as shown in Exhibit 3:



Based on the exhibits, which two steps should be taken to ensure redundancy on the management network? (Choose two.)

- A. Move vmnic1 to Standby adapters.
- B. Add an additional vmknic to the Network Adapters and move it to Active adapters.
- C. Set the advanced HA configuration parameter das.ignoreRedundantNetWarning to True.
- D. Uncheck the Override Failover Checkbox on the management network port group.

Correct Answer: AD

Enabling redundancy is important for fault tolerance. Move vmnic1 to standby adapters and uncheck the override failover checkbox on the management network port group.

QUESTION 7

When importing an existing SSL certificate into vSphere Replication Server, which file format is required?

- A. PKCS#12
- B. DER

C. PEM

D. PKCS#7

Correct Answer: A

vSphere Replication can only import and use certificates and private keys from a file in the PKCS#12 format. Sometimes these files have a .pfx extension. Reference:

<https://pubs.vmware.com/vsphere-51/topic/com.vmware.ICbase/PDF/vsphere-replication-51-admin.pdf>

QUESTION 8

Which VMware Single Sign-On component handles STS authentication requests?

A. Security Token Service

B. Administration Server

C. VMware Directory Service

D. Identity Management Service

Correct Answer: D

QUESTION 9

An administrator is troubleshooting a performance problem with a virtual machine (VM). The VM and ESXi host configuration is as follows:

The application which runs within the virtual machine is highly sensitive to memory latency, but has low processor utilization.

The virtual machine has 6 vCPUs.

The ESXi host CPU topology has 2 Physical CPU Sockets, each with 8 Logical CPUs.

The ESXi host CPU has Hyper Threading enabled.

The administrator would like to improve CPU performance for this VM. Other VMs on the host have no performance issues. Which action should the administrator take to resolve the issue?

A. Set the Advanced Parameter `numa.vcpu.preferHT = TRUE` in the virtual machine configuration file.

B. Set the Advanced Parameter `numa.vcpu.preferHT = FALSE` in the virtual machine configuration file.

C. Set the Advanced Parameter `numa.PreferHT = 1` in the ESXi host configuration file.

D. Set the Advanced Parameter `numa.PreferHT = 0` in the ESXi host configuration file.

Correct Answer: A

Set advanced parameter `numa.vcpu.preferHT = TRUE` in the VM configuration file to increase CPU performance.

QUESTION 10

An administrator needs to create an Integrated Windows Authentication (IWA) Identity Source on a newly deployed vCenter Server Appliance (VCSA). Which two actions will accomplish this? (Choose two.)

- A. Use a Service Principal Name (SPN) to configure the Identity Source.
- B. Use a Domain administrator to configure the Identity Source.
- C. Join the VCSA to Active Directory and configure the Identity Source with a Machine Account.
- D. Create a computer account in Active Directory for the VCSA and configure the Identity Source.

Correct Answer: AC

Using a machine account when configuring an Active Directory identity source for vCenter Server requires that the Windows system be joined to the domain. If the system is not joined to the domain, SSO cannot leverage the machine account

to create the identity source and perform its function as the secure token service user.

To resolve this issue in VCVA 5.5, use only the Use SPN option.

Reference: http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=2058919

QUESTION 11

An administrator notices that the time on an ESXi 6.x host is incorrect.

Which two actions should the administrator take to correct this issue? (Choose two.)

- A. Modify the time for the host using the vSphere client.
- B. Correct the NTP settings in the `/etc/ntp.conf` file.
- C. Configure NTP from the Direct Console User Interface.
- D. Use the `vicfg-ntp` command from the vSphere Management Appliance.

Correct Answer: AB

Reference:

http://kb.vmware.com/selfservice/microsites/search.do?language=en_US&cmd=displayKc&externalId=1005092

QUESTION 12

When attempting to log in with the vSphere Web Client, users have reported the error:

Incorrect Username/Password

The administrator has configured the Platform Services Controller Identity Source as:

Type: Active Directory as an LDAP Server Domain: vmware.com Alias: VMWARE Default Domain: Yes Which two statements would explain why users cannot login to the vSphere Web Client? (Choose two.)

- A. Users are typing the password incorrectly.
- B. Users are in a forest that has 1-way trust.
- C. Users are in a forest that has 2-way trust.
- D. Users are logging into vCenter Server with incorrect permissions.

Correct Answer: AB

The possible explanation for this error might be that the users are typing password incorrectly or they are in a forest with has only 1-way trust. You need 2-way trust to get the credentials accepted.