



VMware VCAP-DCV Deploy 3V0-22.21 Practice Questions

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Question 1

Question Type: MultipleChoice

The security team has decided to follow the VMware-recommended best practices in the vSphere hardening guide.

esxi02b:

Your first task is to create a local user in esxi02b:

* Name: SpecialUser

* Role: Administrator

Your second task is to ensure that SpecialUser is the ONLY user who is able to SSH into esxi02b via Putty.

Your final task is to enforce a strict lockdown on esxi02b.

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Your final task is to enforce a strict lockdown on esxi02b.

Options:

A- Explanation:

Authentication and authorization govern access.vCenter Single Sign-On supports authentication, which means it determines whether a user can access vSphere components at all. Each user must also be authorized to view or manipulate vSphere objects.

vSphere supports several different authorization mechanisms, discussed in Understanding Authorization in vSphere. The focus of the information in this section is how the vCenter Server permission model works and how to perform user management tasks.

vCenter Server allows fine-grained control over authorization with permissions and roles. When you assign a permission to an object in the vCenter Server object hierarchy, you specify which user or group has which privileges on that object. To specify the privileges, you use roles, which are sets of privileges.

Initially, only the administrator user for the vCenter Single Sign-On domain, administrator@vsphere.local by default, is authorized to log in to the vCenter Server system. That user can then proceed as follows:

Add an identity source in which users and groups are defined to vCenter Single Sign-On. See the Platform Services Controller Administration documentation.

Give privileges to a user or group by selecting an object such as a virtual machine or a vCenter Server system and assigning a role on that object for the user or group.

Answer:

A

Question 2

Question Type: MultipleChoice

You have been asked to create a new datastore for the Production cluster; however, the ESXi host esxi02a is not able to add the datastore. Your storage team has determined that there is nothing incorrect with the storage presentation.

Troubleshoot why host esxi02a is not able to create the datastore. Add the datastore to the host once the proper configuration has been applied, and then reboot the host!

Use the following information to complete this task;

- * ESXi host: esxi02a
- * Datastore Name: new_datastore
- * Datastore target: iSCSI Target
- * Datastore LUN: 4
- * Reboot the host

Options:

A- Explanation:

Cannot create a new datastore from vCenter Server or directly from the vSphere Client

Creating a new datastore fails

The Add Storage Wizard reports the error:

An error occurred during host configuration.

Call "HostDatastoreSystem.QueryVmfsDatastoreCreateOptions" for object "ha-datastoresystem" on ESXi "xxx.xxx.xxx.xx failed.

An internal error occurred in the vsphere client.

Cause

This issue may occur if:

The size of the LUN is more than 2TB - 512 bytes. The maximum LUN size in vSphere 4 is 2TB - 512 bytes. For more information on this limitation, see Troubleshooting a LUN that is extended in size past the 2TB/2047GB limit (1004230).

The LUN being presented was used as an RDM earlier and does not have a valid partition table. The LUN being presented was used as a disk device on an other operating system and does not have a valid partition table.

The LUN contains a GPT partition that cannot be removed.

Resolution

To prevent this issue:

Ensure that the LUN size is less than 2TB - 512 bytes or 2047GB. If the LUN is larger then 2TB -

512 bytes, delete it from your Storage Array and recreate it with a size less than the 2TB - 512 bytes limit.

If the disk was used by another operating system in the past (I.E.: it was an RDM, or Linux, FreeBSD, or other filesystem) or contains a GPT partition, you must delete the partition information. For more information

Answer:

A

Question 3

Question Type: MultipleChoice

You are tasked to automate the installation and deployment of new host added into your company vSphere cluster using Auto Deploy. Ensure Auto Deploy and Image Builder is set to start automatically every time vCenter Server is restarted. Use the web client and VCSA01a to perform this step.

Confirm that the auto deploy plugin is available in the web interface. You may be required to logout and log back in after enabling the services.

The vCenter server is required to retrieve software from an online depot. You are to use the depot provided below and ensure that Auto Deploy is always running even, with restart of vCenter server.

Name FirstDepot

URL [https // hostupdate.vmware.com/software/VUB/PRODUCTION/main/vmw-depot-index.xml](https://hostupdate.vmware.com/software/VUB/PRODUCTION/main/vmw-depot-index.xml)

Note: ignore error that you received on cannot connect to depot. This is expected due to vCSA do not have internet connection.

Create a deploy Rule on VCSA01a based on information below. You do not need to apply to any host at this time.

Name: Rule1

Specify Rule to match Vendor: Dell

Check 'Do Not Include Image Profile"

Check 'Do Not Include Host Profile"

Select host location: Choose cluster PROD-A

Options:

A- Explanation:

Before you can use vSphere ESXi Image Builder with the vSphere Web Client, you must verify that the service is enabled and running.

Procedure

Log in to your vCenter Server system by using the vSphere Web Client.

On the vSphere Web Client Home page, click Administration.

Under System Configuration, click Services.

Select Image Builder Service, click the Actions menu, and select Edit Startup Type.

On Windows, the vSphere ESXi Image Builder service is disabled. In the Edit Startup Type window, select Manual or Automatic to enable Auto Deploy.

On the vCenter Server Appliance, the vSphere ESXi Image Builder service by default is set to Manual. If you want the service to start automatically upon OS startup, select Automatic.

If you select the manual startup type, you must start the service manually upon OS startup every time you want to use the service.

(Optional) Click the Start the service icon.

(Optional) If you want to use vSphere ESXi Image Builder with the vSphere Web Client, log out of the vSphere Web Client and log in again.

The Auto Deploy icon is visible on the Home page of the vSphere Web Client.

Answer:

A

Question 4

Question Type: MultipleChoice

Your security team is getting ready for an audit and wants to check the status of all ESXi hosts' outstanding security patches. Create a new fixed Update Manager baseline for all security ESXi host patches and name it "Security patches." Use the patches available in the patch repository. Use VCSA01a in this task.

Baseline Name: Security Patches

Baseline Type: Host Patch

Category: Security

Options:**A- Explanation:**

The Update Manager displays system managed baselines that are generated by vSAN. These baselines appear by default when you use vSAN clusters with ESXi hosts of version 6.0 Update 2 and later in your vSphere inventory. If your vSphere environment does not contain any vSAN clusters, no system managed baselines are created.

The system managed baselines automatically update their content periodically, which requires

Update Manager to have constant access to the Internet. The vSAN system baselines are typically refreshed every 24 hours.

You use system managed baselines to upgrade your vSAN clusters to recommended critical patches, drivers, updates or the latest supported ESXi host version for vSAN.

System managed baselines cannot be edited or deleted. You do not attach system managed baselines to inventory objects in your vSphere environment. You can create a baseline group of multiple system managed baselines, but you cannot add any other type of baseline to that group. Similarly, you cannot add a system managed baseline to a baseline group that contains upgrade, patch, and extension baselines.

Answer:

A

Question 5

Question Type: MultipleChoice

The Virtual Infrastructure team wants to share a VM Template from vcsa01a to vcsa01b via content libraries. Ensure that the content in the libraries is synchronized only when needed.

- * Name of Published Content Library in vcsa01a: CL01
- * Name of Subscribed Content Library in vcsa01b: CL02
- * For both content libraries, use the local datastore: SAN01
- * VM Template to be shared: Core-Template

After the Core-Template has been synchronized from CL01 to CL02, deploy a virtual machine from VM-Template on vcsa01b

- * Name of virtual machine: CL-VM
- * Host for virtual machine: sxi03b

Options:

A- Send us your suggestions.

Answer:

A

Question 6

Question Type: MultipleChoice

You are doing an audit for vCenter Server vcsa0la s inventory.

On the desktop, you will find a folder named "powercli-question". In the folder, there is a script named "vds-script.psl".

Your colleague needs some help to get it working as expected. Your task is to modify the script so that it exports a list of virtual machines, enables promiscuous mode on PCLl-Portgroup. and exports PCLl-Portgroup.

Options:

A- Send us your suggestions.

Answer:

A

Question 7

Question Type: MultipleChoice

You have just deployed a new vCenter Server Appliance. Vcsa0l

a. and are required to back up to configuration after deployment. To complete this task, perform an unencrypted backup of the vCenter Server Appliance using the following details:

* Use the FTP protocol to backup the appliance

* FTP Server Location: 172.20.10.10/

* FTP Username: administrator

* FTP Password: VMware1!

Note: Make sure you include the / at the end of the Server Location

Options:

A- Explanation:

Prerequisites

You must have an FTP, FTPS, HTTP, HTTPS, or SCP server up and running with sufficient disk space to store the backup.

Dedicate a separate folder on your server for each file-based backup.

Procedure

In a Web browser, go to thevCenter Server ApplianceManagement Interface, <https://appliance-IP-address-or-FQDN:5480>.

Log in as root.

In thevCenter Server ApplianceManagement Interface, clickSummary.

ClickBackup.

TheBackup Appliancewizard opens.

Enter the backup protocol and location details.

Option

Description

Backup protocol

Select the protocol to use to connect to your backup server. You can select FTP, FTPS, HTTP, HTTPS, or SCP.

For FTP, FTPS, HTTP, or HTTPS the path is relative to the home directory configured for the service. For SCP, the path is absolute to the remote systems root directory.

Backup location

Enter the server address and backup folder in which to store the backup files.

Port

Enter the default or custom port of the backup server.

User name

Enter a user name of a user withwriteprivileges on the backup server.

Password

Enter the password of the user withwriteprivileges on the backup server.

(Optional)SelectEncrypt Backup Datato encrypt your backup file and enter a password for the encryption.

If you select to encrypt the backup data, you must use the encryption password for the restore procedure.

ClickNext.

On the Select parts to backup page, review the data that is backed up by default.

(Optional)SelectStats, Events, and Tasksto back up additional historical data from the database.

(Optional)In theDescriptiontext box, enter a description of the backup and clickNext.

On the Ready to complete page, review the summary information for the backup and clickFinish.

TheBackup Progresswindow opens and indicates the progress of the backup operation.

After the backup process finishes, clickOKto close theBackup Progresswindow.

Results

You successfully created a backup file of thevCenter Server Appliance.

Answer:

A

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