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VMware vSphere Foundation 9.0 Administrator

VMware 2V0-16.25

Version Demo

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Topic Break Down

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QUESTION NO: 1

An operations team must be able to power on, power off, and open a console to virtual machines in a specific inventory folder. The team must not be able to modify virtual hardware, create virtual machines, or manage virtual machines outside that folder.

Which action provides the required access using the principle of least privilege?

- A. Assign an Administrator role to the operations group at the vCenter Server root.
- B. Assign a custom role to the operations group on the target folder and propagate it to children.
- C. Assign a Power User role to the operations group on the ESXi hosts.
- D. Assign individual permissions to the operations group on every virtual machine.

ANSWER: B

Explanation:

The administrator should create or use a role containing only the required virtual machine interaction privileges and assign that role to the operations group on the target folder with propagation enabled. The permission then applies to virtual machines within that folder and its child objects without granting rights elsewhere in the inventory.

Assigning permissions at the vCenter Server root applies too broadly. An Administrator role grants excessive privileges, while direct permissions on each virtual machine are difficult to maintain and do not provide the intended folder-based authorization boundary.

QUESTION NO: 2

What is the benefit of enabling lockdown mode on VMware ESX hosts?

- A. Improves network performance.
- B. Restricts direct access to the ESX host, enhancing security.
- C. Increases CPU and memory resources available to virtual machines (VMs).
- D. Simplifies the management of virtual machines.

ANSWER: B

Explanation:

Restricts direct access to the ESX host, enhancing security. Lockdown mode is an ESXi host security control that limits direct administrative access to a host and directs management activity through vCenter Server. This provides centralized control over administrator permissions, management operations, and auditing, rather than permitting general direct access to the host through interfaces such as the ESXi Host Client, SSH, or the Direct Console User Interface.

When lockdown mode is enabled, vCenter Server uses its configured management account to communicate with the host, while explicitly configured exception users can retain access where operationally necessary. This reduces the attack surface of the individual host and supports environments that require controlled, centralized administration. VMware provides two modes: normal lockdown mode restricts direct host access for most users, while strict lockdown mode further restricts local console access. Administrators should configure appropriate exception users before enabling the feature so that approved recovery or operational access remains available.

For VMware's configuration guidance and behavior of normal and strict lockdown modes, see [Using Lockdown Mode](#) and [Lockdown Mode Exception Users](#).