



Microsoft

70-744 Exam

Microsoft Securing Windows Server 2016 Exam

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**Questions & Answers
(Demo Version – Limited Content)**

Version: 10.0

Question: 1

Note: The question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory forest named contoso.com. All servers run Windows Server 2016. The forest contains 2,000 client computers that run Windows 10. All client computers are deployed from a customized Windows image.

You need to deploy 10 Privileged Access Workstations (PAWs). The solution must ensure that administrators can access several client applications used by all users.

Solution: You deploy 10 physical computers and configure them as PAWs. You deploy 10 additional computers and configure them by using the customized Windows image.

Does this meet the goal?

A. Yes

B. No

Answer: A

Question: 2

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory forest named contoso.com. All servers run Windows Server 2016. The forest contains 200 client computers that run Windows 10. All client computers are deployed from a customized Windows image.

You need to deploy 10 Privileged Access Workstations (PAWs). The solution must ensure that administrators can access several client applications used by all users.

Solution: You deploy 10 physical computers and configure each will as a virtualization host. You deploy the operating system on each host by using the customized Windows image. On each host you create a guest virtual machine and configure the virtual machine as a PAW.

Does this meet the goal?

A. Yes

B. No

Answer: B

Question: 3

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Your network contains an Active Directory forest named contoso.com. All servers run Windows Server 2016. The forest contains 2,000 client computers that run Windows 10. All client computers are deployed from a customized Windows image.

You need to deploy 10 Privileged Access Workstations (PAWs). The solution must ensure that administrators can access several client applications used by all users.

Solution: You deploy one physical computer and configure it as a Hyper-V host that runs Windows Server 2016. You create 10 virtual machines and configure each one as a PAW.

Does this meet the goal?

A. Yes

B. No

Answer: A

Question: 4

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. The domain contains a computer named Computer1 that runs Windows 10. Computer1 connects to a home network and a corporate network.

The corporate network uses the 172.16.0.0/24 address space internally.

Computer1 runs an application named App1 that listens to port 8080.

You need to prevent connections to App1 when Computer1 is connected to the home network.

Solution: From Group Policy Management, You create an AppLocker rule.

A. Yes

B. No

Answer: B

Explanation:

AppLocker does not filter incoming network traffic, what you actually need is Windows Firewall Inbound Rule on the Private profile.

Question: 5

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. The domain contains a computer named Computer1 that runs Windows 10. Computer1 connects to a home network and a corporate network.

The corporate network uses the 172.16.0.0/24 address space internally.

Computer1 runs an application named App1 that listens to port 8080.

You need to prevent connections to App1 when Computer1 is connected to the home network.

Solution: From Group Policy Management you create a software restriction policy.

Does this meet the goal?

A. Yes

B. No

Answer: B

Explanation:

Software Restriction Policy does not filter incoming network traffic, what you actually need is Windows Firewall Inbound Rule on the Private profile

Question: 6

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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Your network contains an Active Directory domain named contoso.com. The domain contains a computer named Computer1 that runs Windows 10. Computer1 connects to a home network and a corporate network.

The corporate network uses the 172.16.0.0/24 address space internally.

Computer1 runs an application named App1 that listens to port 8080.

You need to prevent connections to App1 when Computer1 is connected to the home network.

Solution: From Windows Firewall in the Control Panel, you add an application and allow the application to communicate through the firewall on a Private network.

Does this meet the goal?

A. Yes

B. No

Answer: B

Question: 7

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. All servers run Windows Server 2016. All client computers run Windows 10.

The relevant objects in the domain are configured as shown in the following table.

Server name	Object	Organizational unit (OU) name
Server1	Computer account	Servers
Server2	Computer account	Servers
User1	User account	Operations Users

You need to assign User1 the right to restore files and folders on Server1 and Server2.

Solution: You create a Group Policy object (GPO), you link the GPO to the Servers OU, and then you modify the Users Rights Assignment in the GPO.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Question: 8

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. All servers run Windows Server 2016. All client computers run Windows 10.

The relevant objects in the domain are configured as shown in the following table.

Server name	Object	Organizational unit (OU) name
Server1	Computer account	Servers
Server2	Computer account	Servers
User1	User account	Operations Users

You need to assign User1 the right to restore files and folders on Server1, and Server2.

Solution: You add User1 to the Backup Operators group in contoso.com.

Does this meet the goal?

- A. Yes
- B. No

Answer: B

Explanation:

No, Server1 and Server2 uses local group "Backup Operators" for granting backup and restore rights to normal users.

The solution would let User1 to backup files and folders on domain controllers for contoso.com instead.

Question: 9

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

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Your network contains an Active Directory domain named contow.com. All servers run Windows Server 2016. All client computers run Windows 10.

The relevant objects in the domain are configured as shown in the following table.

Server name	Object	Organizational unit (OU) name
Server1	Computer account	Servers
Server2	Computer account	Servers
User1	User account	Operations Users

You need to assign User1 the right to restore files and folders on Server1 and Server2.

Solution: You create a Group Policy object (GPO), link it to the Operations Users OU, and modify the Users Rights Assignment in the GPO.

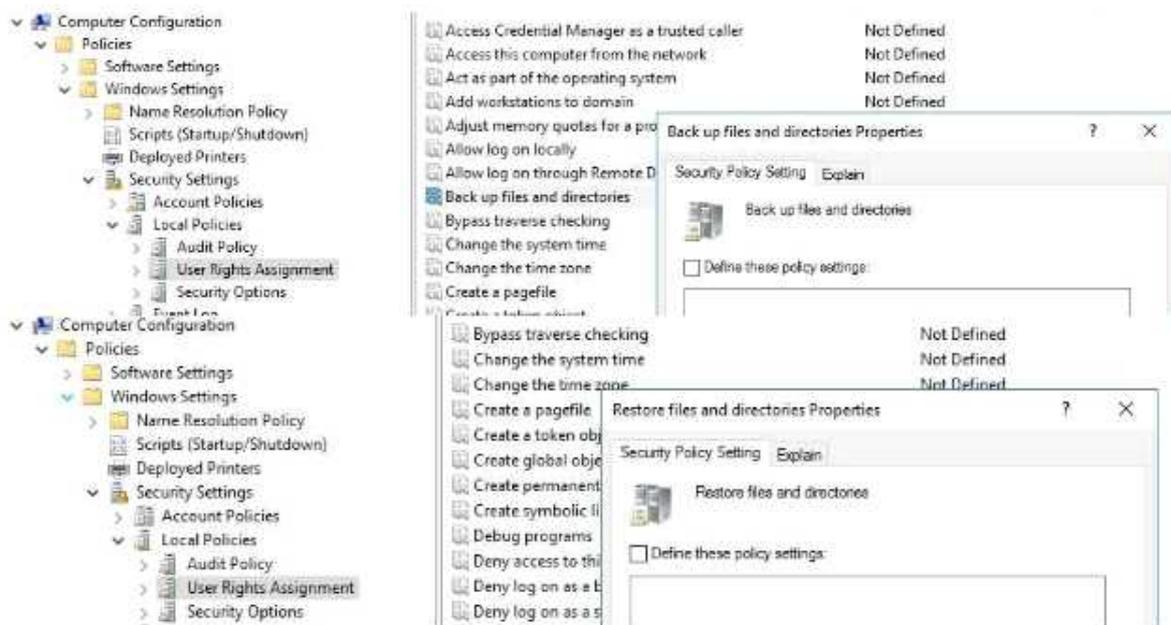
Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

Yes, in "User Rights Assignment" section of a GPO, two settings for assigning backup and restore user rights are available as follow:



Question: 10

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. The domain contains multiple Hyper-V hosts.

You need to deploy several critical line-of-business applications to the network; to meet the following requirements:

- *The resources of the applications must be isolated from the physical host.
- *Each application must be prevented from accessing the resources of the other applications.
- *The configurations of the applications must be accessible only from the operating system that hosts the application.

Solution: You deploy a separate Windows container for each application.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Explanation:

By using Windows Container

-The resources of the applications must be isolated from the physical host (ACHIEVED, as a single container could only access its own resources, but not others)

-Each application must be prevented from accessing the resources of the other applications.

-Each application must be prevented from accessing the resources of the other applications.

(ACHIEVED, as a single container could only access its own resources, but not others)

-The configurations of the applications must be accessible only from the operating system that hosts the

application. (ACHIEVED, you can use DockerFile or DockerRun to push configurations to containers from the Container Host OS)

Question: 11

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. The domain contains multiple Hyper-V hosts.

You need to deploy several critical line-to-business applications to the network to meet the following requirements:

- *The resources of the applications must be isolated (from the physical host).

- *Each application must be prevented from accessing the resources of the other applications.

- *The configurations of the applications must be accessible only from the operating system that hosts the application.

Solution: You deploy a separate Hyper-V container for each application.
Does this meet the goal?

A. Yes

B. No

Answer: A

Explanation:

-The resources of the applications must be isolated from the physical host (ACHIEVED)

-Each application must be prevented from accessing the resources of the other applications. (ACHIEVED)

-The configurations of the applications must be accessible only from the operating system that hosts the application. (ACHIEVED)

Question: 12

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your network contains an Active Directory domain named contoso.com. The domain contains

multiple Hyper-V hosts.

You need to deploy several critical line-of-business applications to the network to meet the following requirements:

- *The resources of the applications must be isolated from the physical host
- *Each application must be prevented from accessing the resources of the other applications.
- *The configurations of the applications must be accessible only from the operating system that hosts the application.

Solution: You deploy one Windows container to host all of the applications.

Does this meet the goal?

- A. Yes
- B. No

Answer: A

Question: 13

Your network contains an Active Directory domain named contoso.com. The domain contains 1,000 client computers that run Windows 10.

A security audit reveals that the network recently experienced a Pass-the-Hash attack. The attack was initiated from a client computer and accessed Active Directory objects restricted to the members of the Domain Admins group.

You need to minimize the impact of another successful Pass-the-Hash attack on the domain.

What should you recommend?

- A. Instruct all users to sign in to a client computer by using a Microsoft account.
- B. Move the computer accounts of all the client computers to a new organizational unit (OU). Remove the permissions to the new OU from the Domain Admins group.
- C. Instruct all administrators to use a local Administrators account when they sign in to a client computer.
- D. Move the computer accounts of the domain controllers to a new organizational unit (OU). Remove the permissions to the new OU from the Domain Admins group.

Answer: C

Explanation:

<https://docs.microsoft.com/en-us/windows/access-protection/remote-credential-guard>

Feature	Remote Desktop	Windows Defender Remote Credential Guard	Restricted Admin mode
Protection benefits	Credentials on the server are not protected from Pass-the-Hash attacks.	User credentials remain on the client. An attacker can act on behalf of the user <i>only</i> when the session is ongoing	User logs on to the server as local administrator, so an attacker cannot act on behalf of the "domain user". Any attack is local to the server
Version support	The remote computer can run any Windows operating system	Both the client and the remote computer must be running at least Windows 10, version 1607, or Windows Server 2016.	The remote computer must be running at least patched Windows 7 or patched Windows Server 2008 R2. For more information about patches (software updates) related to Restricted Admin mode , see Microsoft Security Advisory 2871997.
Helps prevent	N/A	<ul style="list-style-type: none"> • Pass-the-Hash • Use of a credential after disconnection 	<div style="border: 2px solid red; border-radius: 15px; padding: 5px;"> <ul style="list-style-type: none"> • Pass-the-Hash • Use of domain identity during connection </div>
Credentials supported from the remote desktop client device	<ul style="list-style-type: none"> • Signed on credentials • Supplied credentials • Saved credentials 	<ul style="list-style-type: none"> • Signed on credentials only 	<ul style="list-style-type: none"> • Signed on credentials • Supplied credentials • Saved credentials

Question: 14

Your network contains an Active Directory forest named contoso.com. The forest functional level is Windows Server 2012. All servers run Windows Server 2016.

You create a new bastion forest named admin.contoso.com. The forest functional level of admin.contoso.com is Windows Server 2012 R2.

You need to implement a Privileged Access Management (PAM) solution.

Which two actions should you perform? Each correct answer presents part of the solution.

- A. Raise the forest functional level of admm.contoso.com.
- B. Deploy Microsoft Identify Management (MIM) 2016 to admin.contoso.com.
- C. Configure contoso.com to trust admin.contoso.com.

- D. Deploy Microsoft Identity Management (MIM) 2016 to contoso.com.
- E. Raise the forest functional level of contoso.com.
- F. Configure admin.contoso.com to trust contoso.com.

Answer: DE

Explanation:

<https://docs.microsoft.com/en-us/microsoft-identity-manager/pam/deploy-pam-with-windows-server-2016>

<https://docs.microsoft.com/en-us/windows-server/identity/ad-ds/windows-server-2016-functional-levels>

Windows Server 2016 forest functional level features

- All of the features that are available at the Windows Server 2012R2 forest functional level, and the following features, are available:
 - Privileged access management (PAM) using Microsoft Identity Manager (MIM)

For the bastion forest which deploys MIM, you should raise the Forest Functional Level to “Windows Server 2016”

Question: 15

Your network contains an Active Directory domain named contoso.com. The domain contains two servers named Server1 and Server2 that run Windows Server 2016.

Server1 is configured as a domain controller.

You configure Server1 as a Just Enough Administration (JEA) endpoint. You configure the required JEA rights for a user named User1.

You need to tell User1 how to manage Active Directory objects from Server2.

What should you tell User1 to do first on Server2?

- A. From a command prompt, run ntdsutil.exe.
- B. From Windows PowerShell, run the Import-Module cmdlet.
- C. From Windows PowerShell run the Enter-PSSession cmdlet.
- D. Install the management consoles for Active Directory, and then launch Active Directory Users and Computer.

Answer: C

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