

Microsoft

Exam Questions AZ-140

Configuring and Operating Windows Virtual Desktop on Microsoft Azure



NEW QUESTION 1

You have an Azure Active Directory (Azure AD) tenant named contoso.com and an Azure virtual network named VNET1. To VNET1, you deploy an Azure Active Directory Domain Services (Azure AD DS) managed domain named litwareinc.com. To VNET1, you plan to deploy a Windows Virtual Desktop host pool named Pool1. You need to ensure that you can deploy Windows 10 Enterprise host pools to Pool1. What should you do first?

- A. Modify the settings of the litwareinc.com DNS zone.
- B. Modify the DNS settings of VNET1.
- C. Add a custom domain name to contoso.com.
- D. Implement Azure AD Connect cloud sync.

Answer: B

NEW QUESTION 2

You have the devices shown in the following table.

Name	Operating system
Device1	Windows 10 Home
Device2	Windows 8.1 Professional
Device3	Windows 10 IoT Enterprise

You plan to deploy Windows Virtual Desktop for client access to remove virtualized apps. Which devices support the Remote Desktop client?

- A. Device1 and Device2 only
- B. Device1 and Device3 only
- C. Device1, Device2, and Device3
- D. Device1 only

Answer: B

NEW QUESTION 3

You plan to deploy Windows Virtual Desktop to meet the department requirements shown in the following table

Department	Required Windows Virtual Desktop resource	Number of users	GPU required
Research	Single-session desktop	10	No
Engineering	Multi-session desktop	50	Yes
IT	Multi-session desktop	50	No
Finance	RemoteApp	10	No

You plan to use Windows Virtual Desktop host pools with load balancing and autoscaling. You need to recommend a host pool design that meets the requirements. The solution must minimize costs. What is the minimum number of host pools you should recommend?

- A. 1
- B. 2
- C. 3
- D. 4

Answer: C

NEW QUESTION 4

Your company has a main office and two branch offices. Each office connects directly to the internet. The router in each branch office is configured as an endpoint for the following VPNs:

- A VPN connection to the main office
- A site-to-site VPN to Azure

The routers in each branch office have the Quality of Service (QoS) rules shown in the following table.

Name	Destination	Available bandwidth allocated
Rule1	VPN traffic to the main office	25%
Rule2	Site-to-site VPN traffic to Azure	25%
Rule3	HTTP/HTTPS traffic to all Azure and Microsoft 365 public IP addresses	25%
Rule4	Traffic to non-Microsoft internet addresses	25%

Users in the branch office report slow responses and connection errors when they attempt to connect to Windows Virtual Desktop resources. You need to modify the QoS rules on the branch office routers to improve Windows Virtual Desktop performance. For which rule should you increase the bandwidth allocation?

- A. Rule2
- B. Rule3
- C. Rule4
- D. Rule1

Answer: B

NEW QUESTION 5

You plan to deploy Windows Virtual Desktop. The deployment will use existing virtual machines.
You create a Windows Virtual Desktop host pool.
You need to ensure that you can add the virtual machines to the host pool. What should you do first?

- A. Register the Microsoft.DesktopVirtualization provider.
- B. Generate a registration key.
- C. Run the Invoke-AzVMRunCommand cmdlet.
- D. Create a role assignment.

Answer: A

NEW QUESTION 6

HOTSPOT
You have an Azure virtual machine named VM1 that runs Windows 10 Enterprise multi-session.
You plan to add language packs to VM1 and create a custom image of VM1 for a Windows Virtual Desktop host pool.
You need to ensure that modern apps can use the additional language packs when you deploy session hosts by using the custom image. Which command should you run first? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.
Hot Area:

Answer Area

Disable-ScheduledTask

Enable-ScheduledTask

New-ScheduledTask

Start-AppBackgroundTask

-TaskPath "\\Microsoft\Windows\AppxDeploymentClient\\" -TaskName

"License Validation"

"Pre-staged app cleanup"

"RemoteFXvGPUDisableTask"

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Disable-ScheduledTask

Enable-ScheduledTask

New-ScheduledTask

Start-AppBackgroundTask

-TaskPath "\\Microsoft\Windows\AppxDeploymentClient\\" -TaskName

"License Validation"

Pre-staged app cleanup

"RemoteFXvGPUDisableTask"

NEW QUESTION 7

You plan to deploy Windows Virtual Desktop session host virtual machines based on a preconfigured master image. The master image will be stored in a shared image. You create a virtual machine named Image1 to use as the master image. You install applications and apply configuration changes to Image1.
You need to ensure that the new session host virtual machines created based on Image1 have unique names and security identifiers. What should you do on Image1 before you add the image to the shared image gallery?

- A. At a command prompt, run the set computername command.
- B. At a command prompt, run the sysprep command.
- C. From PowerShell, run the rename-computer cmdlet.
- D. From the lock screen of the Windows device, perform a Windows Autopilot Reset.

Answer: B

NEW QUESTION 8

DRAG DROP
You plan to deploy Windows Virtual Desktop.
You need to create Azure NetApp Files storage to store FSLogix profile containers.
Which four actions should you perform in sequence after you register the NetApp Resource Provider? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.
NOTE: More than one order of answer choices is correct. You will receive credit for any of the correct orders you select.

Actions

- Create a NetApp account.
- Create and assign a managed identity.
- Create a volume.
- Create a capacity pool.
- Create an Azure file share.
- Configure an Active Directory connection.

Answer Area



- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

- Create a NetApp account.
- Create and assign a managed identity.
- Create a volume.
- Create a capacity pool.
- Create an Azure file share.
- Configure an Active Directory connection.

Answer Area



- Create a NetApp account.
- Create a capacity pool.
- Configure an Active Directory connection.
- Create a volume.



NEW 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. 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. You have a Windows Virtual Desktop host pool that contains five session hosts. The session hosts run Windows 10 Enterprise multi-session. You need to prevent users from accessing the internet from Windows Virtual Desktop sessions. The session hosts must be allowed to access all the required Microsoft services. Solution: You configure rules in the network security group (NSG) linked to the subnet of the session hosts. Does that meet the goal?

- A. Yes
- B. No

Answer: A

NEW QUESTION 10

You have a Windows Virtual Desktop host pool named Pool1 and an Azure Storage account named Storage1. Storage1 stores FSLogix profile containers in a share folder named share1. You create a new group named Group1. You provide Group1 with permission to sign in to Pool1. You need to ensure that the members of Group1 can store the FSLogix profile containers in share1. The solution must use the principle of least privilege. Which two privileges should you assign to Group1? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. the Storage Blob Data Contributor role for storage1
- B. the List folder / read data NTFS permissions for share1
- C. the Modify NTFS permissions for share1
- D. the Storage File Data SMB Share Reader role for storage1
- E. the Storage File Data SMB Share Elevated Contributor role for storage1
- F. the Storage File Data SMB Share Contributor role for storage1

Answer: CF

NEW 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.

You have a Windows Virtual Desktop host pool named Pool1 that is integrated with an Azure Active Directory Domain Services (Azure AD DS) managed domain.

You need to configure idle session timeout settings for users that connect to the session hosts in Pool1.

Solution: From an Azure AD DS-joined computer, you modify the AADDC Computers GPO settings.

Does that meet the goal?

- A. Yes
- B. No

Answer: A

NEW 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.

You have a Windows Virtual Desktop host pool named Pool1 that is integrated with an Azure Active Directory Domain Services (Azure AD DS) managed domain.

You need to configure idle session timeout settings for users that connect to the session hosts in Pool1.

Solution: From the Azure portal, you modify the Session behavior settings in the RDP Properties of Pool1. Does that meet the goal?

- A. Yes
- B. No

Answer: B

NEW QUESTION 16

You have a Windows Virtual Desktop deployment that contains the following:

A host pool named Pool1

Two session hosts named Host1 and Host2

An application group named RemoteAppGroup1 that contains a RemoteApp named App1 You need to prevent users from copying and pasting between App1 and their local device. What should you do?

- A. Create an AppLocker policy.
- B. Modify the locks of RemoteAppGroup1.
- C. Modify the locks of RemoteAppGroup1.
- D. Modify the RDP Properties of Pool1.

Answer: D

NEW QUESTION 17

You have a Windows Virtual Desktop host pool that contains two session hosts. The Microsoft Teams client is installed on each session host.

You discover that only the Microsoft Teams chat and collaboration features work. The calling and meeting features are disabled. You need to ensure that users can set the calling and meeting features from within Microsoft Teams.

What should you do?

- A. Install the Remote Desktop WebRTC Redirector Service.
- B. Configure Remote audio mode in the RDP Properties.
- C. Install the Teams Meeting add-in for Outlook.
- D. Configure audio input redirection.

Answer: A

NEW QUESTION 22

You have a Windows Virtual Desktop host pool that contains 20 Windows 10 Enterprise multi- session hosts.

Users connect to the Windows Virtual Desktop deployment from computers that run Windows 10. You plan to implement FSLogix Application Masking.

You need to deploy Application Masking rule sets. The solution must minimize administrative effort. To where should you copy the rule sets?

- A. the FSLogix profile container of each user
- B. C:\Program Files\FSLogix\Apps\Rules on every Windows 10 computer
- C. C:\Program Files\FSLogix\Apps\Rules on every session host

Answer: C

NEW QUESTION 23

You have a Windows Virtual Desktop deployment.

You need to provide external users with access to the deployment. The external users have computers that run Windows 10 Pro and Windows 10 Enterprise. The users do not have the ability to install applications. What should you recommend that the users use to connect to the deployment?

- A. Microsoft Edge
- B. RemoteApp and Desktop Connection
- C. Remote Desktop Manager
- D. Remote Desktop Connection

Answer: A

NEW QUESTION 28

You deploy multiple Windows Virtual Desktop session hosts that have only private IP addresses.
You need to ensure that administrators can initiate an RDP session to the session hosts by using the Azure portal. What should you implement?

- A. Remote Desktop Connection Broker (RD Connection Broker)
- B. Azure Application Gateway
- C. Azure Bastion
- D. Remote Desktop Session Host (RD Session Host)

Answer: C

NEW QUESTION 31

You have a Windows Virtual Desktop host pool that runs Windows 10 Enterprise multi-session. You need to configure automatic scaling of the host pool to meet the following requirements:
Distribute new user sessions across all running session hosts.
Automatically start a new session host when concurrent user sessions exceed 30 users per host. What should you include in the solution?

- A. an Azure Automation account and the depth-first load balancing algorithm
- B. an Azure Automation account and the breadth-first load balancing algorithm
- C. an Azure load balancer and the breadth-first load balancing algorithm
- D. an Azure load balancer and the depth-first load balancing algorithm

Answer: B

NEW QUESTION 33

You have a Windows Virtual Desktop host pool named Pool1 that runs Windows 10 Enterprise multi-session hosts.
You need to use Performance Monitor to troubleshoot a low frame quality issue that is affecting a current use session to Pool1. What should you run to retrieve the user session ID?

- A. Get-ComputerInfo
- B. qwinsta
- C. whoami
- D. Get-LocalUser

Answer: B

NEW QUESTION 36

DRAG DROP
You have a Windows Virtual Desktop host pool named Pool1. Pool1 contains session hosts that use FSLogix profile containers hosted in Azure NetApp Files volumes. You need to back up profile files by using snapshots.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create an Azure NetApp account.

Register the NetApp Resource Provider.

Register the Azure NetApp snapshot policy feature.

Create a snapshot policy.

Apply a snapshot policy to a volume.

Answer Area

<

>

↑

↓

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Create an Azure NetApp account.

Register the NetApp Resource Provider.

Register the Azure NetApp snapshot policy feature.

Create a snapshot policy.

Apply a snapshot policy to a volume.

Answer Area

Register the Azure NetApp snapshot policy feature.

<

>

Create a snapshot policy.

Apply a snapshot policy to a volume.

↑

↓

Case study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question. Overview

Contoso, Ltd. is a law firm that has a main office in Montreal and branch offices in Paris and Seattle. The Seattle branch office opened recently.

Contoso has an Azure subscription and uses Microsoft 365.

Existing Infrastructure. Active Directory

The network contains an on-premises Active Directory domain named contoso.com and an Azure Active Directory (Azure AD) tenant. One of the domain controllers runs as an Azure virtual machine and connects to a virtual network named VNET1. All internal name resolution is provided by DNS server that run on the domain controllers.

The on-premises Active Directory domain contains the organizational units (OUs) shown in the following table.

Name	Description
MontrealUsers	An OU for all the users in the Montreal office. The OU syncs to Azure AD by using Azure AD Connect.
ParisUsers	An OU for all the users in the Paris office. The OU syncs to Azure AD by using Azure AD Connect.
SeattleUsers	An OU for all the users in the Seattle office. The OU does NOT sync to Azure AD.

The on-premises Active Directory domain contains the users shown in the following table.

Name	Container	Member of
Operator1	Users	Domain Admins
Operator2	MontrealUsers	Users
Operator3	SeattleUsers	Server Operators

The Azure AD tenant contains the cloud-only users shown in the following table.

Name	Role
Admin1	Virtual Machine Contributor
Admin2	Desktop Virtualization Contributor
Admin3	Desktop Virtualization Session Host Operator
Admin4	Desktop Virtualization Host Pool Contributor

Existing Infrastructure. Network Infrastructure

All the Azure virtual networks are peered. The on-premises network connects to the virtual networks.

All servers run Windows Server 2019. All laptops and desktop computers run Windows 10 Enterprise.

Since users often work on confidential documents, all the users use their computer as a client for connecting to Remote Desktop Services (RDS).

In the West US Azure region, you have the storage accounts shown in the following table.

Name	Account kind	Performance
storage1	StorageV2	Standard
storage2	StorageV2	Premium
storage3	BlobStorage	Standard
storage4	StorageV1	Premium

Existing Infrastructure. Remote Desktop Infrastructure

Contoso has a Remote Desktop infrastructure shown in the following table.

Office	Description
Montreal	A Windows Virtual Desktop deployment that runs Windows 10 Enterprise multi-session hosts. The deployment contains the following: <ul style="list-style-type: none"> • A host pool named Pool1 • An application group named Group1 • A workspace named Workspace1 • Virtual machines that have a prefix of Pool1
Seattle	An on-premises virtual machine-based RDS deployment that has personal desktops. The personal desktop virtual machines have a prefix of Pool2.
Paris	An on-premises virtual machine-based RDS deployment that has pooled desktops. The pooled desktop virtual machines have a prefix of Pool3. User profile disks are used to preserve the user state.

Requirements. Planned Changes
Contoso plans to implement the following changes:
Implement FSLogix profile containers for the Paris offices.
Deploy a Windows Virtual Desktop host pool named Pool4.
Migrate the RDS deployment in the Seattle office to Windows Virtual Desktop in the West US Azure region.
Requirements. Pool4 Configuration
Pool4 will have the following settings:
Host pool type: Pooled
Max session limit: 7
Load balancing algorithm: Depth-first
Images: Windows 10 Enterprise multi-session
Virtual machine size: Standard D2s v3
Name prefix: Pool4
Number of VMs: 5
Virtual network: VNET4

Requirements. Technical Requirements
Contoso identifies the following technical requirements:
Before migrating the RDS deployment in the Seattle office, obtain the recommended deployment configuration based on the current RDS utilization.
For the Windows Virtual Desktop deployment in the Montreal office, disable audio output in the device redirection settings.
For the Windows Virtual Desktop deployment in the Seattle office, store the FSLogix profile containers in Azure Storage.
Enable Operator2 to modify the RDP Properties of the Windows Virtual Desktop deployment in the Montreal office.
From a server named Server1, convert the user profile clicks to the FSLogix profile containers.
Ensure that the Pool1 virtual machines only run during business hours. Use the principle of least privilege.

NEW QUESTION 41
DRAG DROP

You need to evaluate the RDS deployment in the Seattle office. The solution must meet the technical requirements.
Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Actions

Create a project in Azure Migrate.

Register the Lakeside tool with Azure Migrate.

Add the Azure Advisor recommendation digest.

Install agents on the virtual machines that have the Pool3 prefix.

Install agents on the virtual machines that have the Pool2 prefix.

Create a Recovery Service vault.

Answer Area

⏪

⏩

⏴

⏵

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Actions

Create a project in Azure Migrate.

Register the Lakeside tool with Azure Migrate.

Add the Azure Advisor recommendation digest.

Install agents on the virtual machines that have the Pool3 prefix.

Install agents on the virtual machines that have the Pool2 prefix.

Create a Recovery Service vault.

Answer Area

Create a project in Azure Migrate.

Register the Lakeside tool with Azure Migrate.

Install agents on the virtual machines that have the Pool2 prefix.



Case study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question. Overview

Contoso, Ltd. is a law firm that has a main office in Montreal and branch offices in Paris and Seattle. The Seattle branch office opened recently.

Contoso has an Azure subscription and uses Microsoft 365.

Existing Infrastructure. Active Directory

The network contains an on-premises Active Directory domain named contoso.com and an Azure Active Directory (Azure AD) tenant. One of the domain controllers runs as an Azure virtual machine and connects to a virtual network named VNET1. All internal name resolution is provided by DNS server that run on the domain controllers.

The on-premises Active Directory domain contains the organizational units (OUs) shown in the following table.

Name	Description
MontrealUsers	An OU for all the users in the Montreal office: The OU syncs to Azure AD by using Azure AD Connect.
ParisUsers	An OU for all the users in the Paris office: The OU syncs to Azure AD by using Azure AD Connect.
SeattleUsers	An OU for all the users in the Seattle office: The OU does NOT sync to Azure AD.

The on-premises Active Directory domain contains the users shown in the following table.

Name	Container	Member of
Operator1	Users	Domain Admins
Operator2	MontrealUsers	Users
Operator3	SeattleUsers	Server Operators

The Azure AD tenant contains the cloud-only users shown in the following table.

Name	Role
Admin1	Virtual Machine Contributor
Admin2	Desktop Virtualization Contributor
Admin3	Desktop Virtualization Session Host Operator
Admin4	Desktop Virtualization Host Pool Contributor

Existing Infrastructure. Network Infrastructure

All the Azure virtual networks are peered. The on-premises network connects to the virtual networks.

All servers run Windows Server 2019. All laptops and desktop computers run Windows 10 Enterprise.

Since users often work on confidential documents, all the users use their computer as a client for connecting to Remote Desktop Services (RDS).

In the West US Azure region, you have the storage accounts shown in the following table.

Name	Account kind	Performance
storage1	StorageV2	Standard
storage2	StorageV2	Premium
storage3	BlobStorage	Standard
storage4	StorageV1	Premium

Existing Infrastructure. Remote Desktop Infrastructure

Contoso has a Remote Desktop infrastructure shown in the following table.

Office	Description
Montreal	A Windows Virtual Desktop deployment that runs Windows 10 Enterprise multi-session hosts. The deployment contains the following: <ul style="list-style-type: none"> • A host pool named Pool1 • An application group named Group1 • A workspace named Workspace1 • Virtual machines that have a prefix of Pool1
Seattle	An on-premises virtual machine-based RDS deployment that has personal desktops. The personal desktop virtual machines have a prefix of Pool2.
Paris	An on-premises virtual machine-based RDS deployment that has pooled desktops. The pooled desktop virtual machines have a prefix of Pool3. User profile disks are used to preserve the user state.

Requirements. Planned Changes

Contoso plans to implement the following changes:

Implement FSLogix profile containers for the Paris offices.

Deploy a Windows Virtual Desktop host pool named Pool4.

Migrate the RDS deployment in the Seattle office to Windows Virtual Desktop in the West US Azure region.

Requirements. Pool4 Configuration

Pool4 will have the following settings:

Host pool type: Pooled

Max session limit: 7

Load balancing algorithm: Depth-first

Images: Windows 10 Enterprise multi-session

Virtual machine size: Standard D2s v3

Name prefix: Pool4

Number of VMs: 5

Virtual network: VNET4

Requirements. Technical Requirements

Contoso identifies the following technical requirements:

Before migrating the RDS deployment in the Seattle office, obtain the recommended deployment configuration based on the current RDS utilization.

For the Windows Virtual Desktop deployment in the Montreal office, disable audio output in the device redirection settings.

For the Windows Virtual Desktop deployment in the Seattle office, store the FSLogix profile containers in Azure Storage.

Enable Operator2 to modify the RDP Properties of the Windows Virtual Desktop deployment in the Montreal office.

From a server named Server1, convert the user profile clicks to the FSLogix profile containers. Ensure that the Pool1 virtual machines only run during business hours. Use the principle of least privilege.

NEW QUESTION 43

HOTSPOT

Which users can create Pool4, and which users can join session hosts to the domain? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Can create Pool4:

Admin2 only
Admin2 and Admin4 only
Admin1, Admin2, and Admin4 only
Admin2, Admin3, and Admin4 only
Admin1, Admin2, Admin3, and Admin4

Can join session hosts to the domain:

Operator1 only
Admin1 and Admin3 only
Operator1 and Admin1 only
Operator1 and Operator3 only
Operator1, Operator2, and Operator3

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Can create Pool4:

Can join session hosts to the domain:

Case study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question. Overview

Litware, Inc. is a pharmaceutical company that has a main office in Boston, United States, and a remote office in Chennai, India.

Existing Environment. Identity Environment

The network contains an on-premises Active Directory domain named litware.com that syncs to an Azure Active Directory (Azure AD) tenant named litware.com.

The Azure AD tenant contains the users shown in the following table.

Name	Description
Admin1	A directory-synced user that is a local administrator on all the computers joined to the on-premises Active Directory domain.
CloudAdmin1	A cloud-only user that is assigned the Global administrator role.

All users are registered for Azure Multi-Factor Authentication (MFA). Existing Environment. Cloud Services

Litware has a Microsoft 365 E5 subscription associated to the Azure AD tenant. All users are assigned Microsoft 365 Enterprise E5 licenses.

Litware has an Azure subscription associated to the Azure AD tenant. The subscription contains the resources shown in the following table.

Name	Type	Location	Configuration
storage1	Storage account	East US	Storage (general purpose v1), Locally-redundant storage (LRS).
VM1	Virtual machine	East US	Joined to the on-premises Active Directory domain.

Litware uses custom virtual machine images and custom scripts to automatically provision Azure virtual machines and join the virtual machines to the on-premises Active Directory domain. Network and DNS

The offices connect to each other by using a WAN link. Each office connects directly to the internet.

All DNS queries for internet hosts are resolved by using DNS servers in the Boston office, which point to root servers on the internet. The Chennai office has caching-only DNS servers that forward queries to the DNS servers in the Boston office.

Requirements. Planned Changes

Litware plans to implement the following changes:

Deploy Windows Virtual Desktop environments to the East US Azure region for the users in the Boston office and to the South India Azure region for the users in the Chennai office.

Implement FSLogix profile containers.

Optimize the custom virtual machine images for the Windows Virtual Desktop session hosts.

Use PowerShell to automate the addition of virtual machines to the Windows Virtual Desktop host pools.

Requirements. Performance Requirements

Litware identifies the following performance requirements:

Minimize network latency of the Windows Virtual Desktop connections from the Boston and Chennai offices.

Minimize latency of the Windows Virtual Desktop host authentication in each Azure region. Minimize how long it takes to sign in to the Windows Virtual Desktop session hosts.

Requirements. Authentication Requirements

Litware identifies the following authentication requirements:

Enforce Azure MFA when accessing Windows Virtual Desktop apps.

Force users to reauthenticate if their Windows Virtual Desktop session lasts more than eight hours.

Requirements. Security Requirements

Litware identifies the following security requirements:

Explicitly allow traffic between the Windows Virtual Desktop session hosts and Microsoft 365.

Explicitly allow traffic between the Windows Virtual Desktop session hosts and the Windows Virtual Desktop infrastructure.

Use built-in groups for delegation.

Delegate the management of app groups to CloudAdmin1, including the ability to publish app groups to users and user groups.

Grant Admin1 permissions to manage workspaces, including listing which apps are assigned to the app groups. Minimize administrative effort to manage network security. Use the principle of least privilege.
 Requirements. Deployment Requirements
 Litware identifies the following deployment requirements:
 Use PowerShell to generate the token used to add the virtual machines as session hosts to a Windows Virtual Desktop host pool.
 Minimize how long it takes to provision the Windows Virtual Desktop session hosts based on the custom virtual machine images. Whenever possible, preinstall agents and apps in the custom virtual machine images.

NEW QUESTION 48

You need to recommend an authentication solution that meets the performance requirements.
 Which two actions should you include in the recommendation? Each correct answer presents part of the solution.
 NOTE: Each correct selection is worth one point.

- A. Join all the session hosts to Azure AD.
- B. In each Azure region that will contain the Windows Virtual Desktop session hosts, create an Azure Active Directory Domain Service (Azure AD DS) managed domain.
- C. Deploy domain controllers for the on-premises Active Directory domain on Azure virtual machines.
- D. Deploy read-only domain controllers (RODCs) on Azure virtual machines.
- E. In each Azure region that will contain the Windows Virtual Desktop session hosts, create an Active Directory site.

Answer: AC

NEW QUESTION 53

Which two roles should you assign to Admin1 to meet the security requirements? Each correct answer presents part of the solution.
 NOTE: Each correct selection is worth one point.

- A. Desktop Virtualization Host Pool Contributor
- B. Desktop Virtualization Application Group Contributor
- C. Desktop Virtualization Workspace Contributor
- D. Desktop Virtualization Application Group Reader
- E. User Access Administrator

Answer: BC

Explanation:

Case study

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other questions in this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question in this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements. If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question. Overview

Contoso, Ltd. is a law firm that has a main office in Montreal and branch offices in Paris and Seattle. The Seattle branch office opened recently.

Contoso has an Azure subscription and uses Microsoft 365.

Existing Infrastructure. Active Directory

The network contains an on-premises Active Directory domain named contoso.com and an Azure Active Directory (Azure AD) tenant. One of the domain controllers runs as an Azure virtual machine and connects to a virtual network named VNET1. All internal name resolution is provided by DNS server that run on the domain controllers.

The on-premises Active Directory domain contains the organizational units (OUs) shown in the following table.

Name	Description
MontrealUsers	An OU for all the users in the Montreal office. The OU syncs to Azure AD by using Azure AD Connect.
ParisUsers	An OU for all the users in the Paris office. The OU syncs to Azure AD by using Azure AD Connect.
SeattleUsers	An OU for all the users in the Seattle office. The OU does NOT sync to Azure AD.

The on-premises Active Directory domain contains the users shown in the following table.

Name	Container	Member of
Operator1	Users	Domain Admins
Operator2	MontrealUsers	Users
Operator3	SeattleUsers	Server Operators

The Azure AD tenant contains the cloud-only users shown in the following table.

Name	Role
Admin1	Virtual Machine Contributor
Admin2	Desktop Virtualization Contributor
Admin3	Desktop Virtualization Session Host Operator
Admin4	Desktop Virtualization Host Pool Contributor

Existing Infrastructure. Network Infrastructure

All the Azure virtual networks are peered. The on-premises network connects to the virtual networks.

All servers run Windows Server 2019. All laptops and desktop computers run Windows 10 Enterprise.

Since users often work on confidential documents, all the users use their computer as a client for connecting to Remote Desktop Services (RDS).

In the West US Azure region, you have the storage accounts shown in the following table.

Name	Account kind	Performance
storage1	StorageV2	Standard
storage2	StorageV2	Premium
storage3	BlobStorage	Standard
storage4	StorageV1	Premium

Existing Infrastructure. Remote Desktop Infrastructure

Contoso has a Remote Desktop infrastructure shown in the following table.

Office	Description
Montreal	A Windows Virtual Desktop deployment that runs Windows 10 Enterprise multi-session hosts. The deployment contains the following: <ul style="list-style-type: none"> • A host pool named Pool1 • An application group named Group1 • A workspace named Workspace1 • Virtual machines that have a prefix of Pool1
Seattle	An on-premises virtual machine-based RDS deployment that has personal desktops. The personal desktop virtual machines have a prefix of Pool2.
Paris	An on-premises virtual machine-based RDS deployment that has pooled desktops. The pooled desktop virtual machines have a prefix of Pool3. User profile disks are used to preserve the user state.

Requirements. Planned Changes

Contoso plans to implement the following changes:

Implement FSLogix profile containers for the Paris offices.

Deploy a Windows Virtual Desktop host pool named Pool4.

Migrate the RDS deployment in the Seattle office to Windows Virtual Desktop in the West US Azure region.

Requirements. Pool4 Configuration

Pool4 will have the following settings:

Host pool type: Pooled

Max session limit: 7

Load balancing algorithm: Depth-first

Images: Windows 10 Enterprise multi-session

Virtual machine size: Standard D2s v3

Name prefix: Pool4

Number of VMs: 5

Virtual network: VNET4

Requirements. Technical Requirements

Contoso identifies the following technical requirements:

Before migrating the RDS deployment in the Seattle office, obtain the recommended deployment configuration based on the current RDS utilization.

For the Windows Virtual Desktop deployment in the Montreal office, disable audio output in the device redirection settings.

For the Windows Virtual Desktop deployment in the Seattle office, store the FSLogix profile containers in Azure Storage.

Enable Operator2 to modify the RDP Properties of the Windows Virtual Desktop deployment in the Montreal office.

From a server named Server1, convert the user profile clicks to the FSLogix profile containers.

Ensure that the Pool1 virtual machines only run during business hours. Use the principle of least privilege.

NEW QUESTION 55

You need to configure the user settings of Admin1 to meet the user profile requirements.

What should you do?

- Modify the membership of the FSLogix ODFC Exclude List group.
- Modify the membership of the FSLogix Profile Exclude List group.
- Modify the HKLM\SOFTWARE\FSLogix\Profiles registry settings.
- Modify the HKLM\SOFTWARE\FSLogix\ODFC registry settings.

Answer: A

NEW QUESTION 57

.....

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

AZ-140 Practice Exam Features:

- * AZ-140 Questions and Answers Updated Frequently
- * AZ-140 Practice Questions Verified by Expert Senior Certified Staff
- * AZ-140 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * AZ-140 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
[Order The AZ-140 Practice Test Here](#)