

- **Vendor: Microsoft**
- **Exam Code: AZ-140**
- **Exam Name: Configuring and Operating Windows Virtual Desktop on Microsoft Azure**
- **New Updated Questions from [Braindump2go](#)**
- **(Updated in [April/2021](#))**

[Visit Braindump2go and Download Full Version AZ-140 Exam Dumps](#)

Testlet 1

Case Study 1 - Contoso, Ltd

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

[AZ-140 Exam Dumps](#) [AZ-140 Exam Questions](#) [AZ-140 PDF Dumps](#) [AZ-140 VCE Dumps](#)

<https://www.braindump2go.com/az-140.html>

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	<p>A Windows Virtual Desktop deployment that runs Windows 10 Enterprise multi-session hosts. The deployment contains the following:</p> <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

[AZ-140 Exam Dumps](#) [AZ-140 Exam Questions](#) [AZ-140 PDF Dumps](#) [AZ-140 VCE Dumps](#)

<https://www.braindump2go.com/az-140.html>

Pool4 will have the following settings:

First 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.

QUESTION 1**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.

Select and Place:**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

Correct Answer:

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.

**Explanation****Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/migrate/azure-best-practices/contoso-migration-rds-to-wvd>

QUESTION 2**HOTSPOT**

You are planning the deployment of Pool4.

What will be the maximum number of users that can connect to Pool4, and how many session hosts are needed to support five concurrent user sessions? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Number of users that can connect to Pool4:

	▼
5	
7	
15	
35	
70	

Number of session hosts to support five concurrent user sessions:

	▼
1	
2	
3	
4	
5	

Correct Answer:**Answer Area**

Number of users that can connect to Pool4:

	▼
5	
7	
15	
35	
70	

Number of session hosts to support five concurrent user sessions:

	▼
1	
2	
3	
4	
5	

Explanation**Explanation/Reference:****QUESTION 3**

You plan to implement the FSLogix profile containers for the Seattle office. Which storage account should you use?

[AZ-140 Exam Dumps](#) [AZ-140 Exam Questions](#) [AZ-140 PDF Dumps](#) [AZ-140 VCE](#)

[Dumps https://www.braindump2go.com/az-140.html](https://www.braindump2go.com/az-140.html)

- A. storage2
- B. storage4
- C. storage3
- D. storage1

Correct Answer: A

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/store-fslogix-profile>

QUESTION 4

Which role should you assign to Operator2 to meet the technical requirements?

- A. Desktop Virtualization Session Host Operator
- B. Desktop Virtualization Host Pool Contributor
- C. Desktop Virtualization User Session Operator
- D. Desktop Virtualization Contributor

Correct Answer: D

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/rbac>

QUESTION 5

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.

Hot Area:

Answer Area

Can create Pool4:

<input type="text"/>
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:

<input type="text"/>
Operator1 only
Admin1 and Admin3 only
Operator1 and Admin1 only
Operator1 and Operator3 only
Operator1, Operator2, and Operator3

Correct Answer:

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

Explanation**Explanation/Reference:****QUESTION 6**

You need to configure the device redirection settings. The solution must meet the technical requirements.

Where should you configure the settings?

- A. Workspace1
- B. MontrealUsers
- C. Group1
- D. Pool1

Correct Answer: D

Explanation**Explanation/Reference:****QUESTION 7**

You need to configure the virtual machines that have the Pool1 prefix. The solution must meet the technical requirements.

What should you use?

- A. a Windows Virtual Desktop automation task
- B. Virtual machine auto-shutdown
- C. Service Health in Azure Monitor
- D. Azure Automation

Correct Answer: A

Explanation**Explanation/Reference:**

Reference:

<https://docs.microsoft.com/en-us/azure/logic-apps/create-automation-tasks-azure-resources>

Plan a Windows Virtual Desktop Architecture

Testlet 2

Case Study 2 - Litware, Inc

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.

QUESTION 1

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.

Correct Answer: AC

Explanation**Explanation/Reference:**

Reference:

<https://www.compete366.com/blog-posts/how-to-implement-azure-windows-virtual-desktop-wvd/>

<https://docs.microsoft.com/en-us/azure/virtual-desktop/create-host-pools-azure-marketplace>

QUESTION 2**DRAG DROP**

You need to ensure that you can implement user profile shares for the Boston office users. The solution must meet the user profile requirements.

Which four 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.

Select and Place:

Actions

Create a file share and configure share permissions.

Sign in to VM1 as Admin1.

Run the Join-AzStorageAccountForAuth cmdlet.

Sign in to VM1 as CloudAdmin1.

Install the AzFilesHybrid PowerShell module.

Answer Area



Correct Answer:

Actions

Create a file share and configure share permissions.

Sign in to VM1 as Admin1.

Run the Join-AzStorageAccountForAuth cmdlet.

Sign in to VM1 as CloudAdmin1.

Install the AzFilesHybrid PowerShell module.

Answer Area

Sign in to VM1 as CloudAdmin1.

Create a file share and configure share permissions.

Install the AzFilesHybrid PowerShell module.

Run the Join-AzStorageAccountForAuth cmdlet.



Explanation

Explanation/Reference:

Reference:

<https://www.christiaanbrinkhoff.com/2020/03/01/learn-here-how-to-configure-azure-files-with-active-directory-ad-authentication-for-fslogix-profile-container-and-msix-app-attach/>

QUESTION 3

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

Correct Answer: BC

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/rbac>

QUESTION 4

You need to configure the user settings of Admin1 to meet the user profile requirements. What should you do?

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

D. Modify the HKLM\SOFTWARE\FSLogix\ODFC registry settings.

Correct Answer: A

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/fslogix/overview>

<https://docs.microsoft.com/en-us/fslogix/configure-profile-container-tutorial#set-up-include-and-exclude-user-groups>

QUESTION 5

You need to ensure the resiliency of the user profiles for the Boston office users. The solution must meet the user performance requirements.

What should you do?

- A. Modify the Account kind setting of storage1.
- B. Modify the replication settings of storage1.
- C. Implement Azure Site Recovery.
- D. Configure Cloud Cache.

Correct Answer: D

Explanation

Explanation/Reference:

Reference:

<https://docs.microsoft.com/en-us/azure/architecture/example-scenario/wvd/windows-virtual-desktop-fslogix>

Pla