

AZ-140 Dumps

Configuring and Operating Windows Virtual Desktop on Microsoft Azure

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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

HOTSPOT

You have a Windows Virtual Desktop deployment. You plan to create the host pools shown in the following table.

Name	Requirement
Pool1	<ul style="list-style-type: none"> • Will be directly assigned to users in the graphics department at your company • Will run heavy graphic rendering and compute-intensive applications • Must support premium storage
Pool2	<ul style="list-style-type: none"> • Pooled virtual machines for approximately 10 users • Will run Microsoft Office 365 apps • Will require calling and meeting features in Microsoft Teams • Must support premium storage

You need to recommend the virtual machine size for each host pool. The solution must minimize costs. Which size should you recommend for each pool? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Pool1:

Pool2:

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

Pool1:

- Av2-series
- Dsv4-series
- NVv3-series

Pool2:

- Av2-series
- Dsv4-series
- NVv3-series

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

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 5

HOTSPOT

You have a Windows Virtual Desktop host pool that has a max session limit of 15. Disconnected sessions are signed out immediately. The session hosts for the host pool are shown in the following exhibit.

Home > Windows Virtual Desktop > WVD

WVD - Session hosts

Host pool

+ Add Refresh Assign Export to CSV

Name ↑↓	Status ↑↓	Drain mode ↑↓	Assigned User ↑↓	Active sessions	Resource group ↑↓
WVD-0	Available	Off	-	11	rg-wvd
WVD-1	Available	Off	-	2	RG-WVD
WVD-2	Available	On	-	0	RG-WVD
WVD-3	Available	Off	-	15	RG-WVD
WVD-5	Available	On	-	0	RG-WVD
WVD-6	Available	Off	-	13	RG-WVD
WVD-4	Unavailable	Off	-	0	RG-WVD

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the graphic.
NOTE: Each correct selection is worth one point.

Answer Area

The host pool type is [answer choice].

▼

pooled

personal with direct assignment

personal with automatic assignment

New sessions can occur on [answer choice] only.

▼

WVD-0, WVD-1, and WVD-6

WVD-0, WVD-1, WVD-3, and WVD-6

WVD-0, WVD-1, WVD-2, WVD-5, and WVD-6

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Answer Area

The host pool type is [answer choice].

▼

pooled

personal with direct assignment

personal with automatic assignment

New sessions can occur on [answer choice] only.

▼

WVD-0, WVD-1, and WVD-6

WVD-0, WVD-1, WVD-3, and WVD-6

WVD-0, WVD-1, WVD-2, WVD-5, and WVD-6

NEW QUESTION 6

You have a shared image gallery that contains the Windows 10 images shown in the following table.

Name	Location	Operating system state
Image1	West US	Generalized
Image2	West US	Specialized
Image3	West Europe	Generalized
Image4	West Europe	Specialized

▪ You create a Windows Virtual Desktop deployment that has the following settings:

Host pool name: Pool1

▪ Location: West US

▪ Host pool type: Personal

Which images can you use for the session hosts?

- A. Image1 only
- B. Image1, Image2, Image3, and Image4
- C. Image2 only
- D. Image1 and Image2 only
- E. Image1 and Image3 only

Answer: E

NEW QUESTION 7

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 8

You have a Windows Virtual Desktop host pool.

You need to install Microsoft Antimalware for Azure on the session hosts. What should you do?

- A. Add an extension to each session host.
- B. From a Group Policy Object (GPO), enable Windows 10 security features.
- C. Configure the RDP Properties of the host pool.
- D. Sign in to each session host and install a Windows feature.

Answer: A

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 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 Users GPO settings.

Does that meet the goal?

- A. Yes
- B. No

Answer: B

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 10

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 14

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 18

You have a Windows Virtual Desktop host pool named Pool1. You are troubleshooting an issue for a Remote Desktop client that stopped responding. You need to restore the default Remote Desktop client settings and unsubscribe from all workspaces. Which command should you run?

- A. msrdcw
- B. resetengine
- C. mstsc
- D. resetpluginhost

Answer: A

NEW QUESTION 20

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 23

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.

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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 28

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:

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

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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 29

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 30

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

Answer: A

NEW QUESTION 32

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