

## Exam Questions AZ-140

Configuring and Operating Windows Virtual Desktop on Microsoft Azure

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### NEW QUESTION 1

#### HOTSPOT

You have a Windows Virtual Desktop deployment.

Many users have iOS devices that have the Remote Desktop Mobile app installed.

You need to ensure that the users can connect to the feed URL by using email discovery instead of entering the feed URL manually. How should you configure the \_msradc DNS record? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

#### Answer Area

Record type:

A
CNAME
SRV
TXT

Record value:

https://rdweb.wvd.microsoft.com/api/arm/feeddiscovery
https://rdweb.wvd.microsoft.com/api/feeddiscovery
https://rdweb.wvd.microsoft.com/Feed/webfeed.aspx
webfeeddiscovery.aspx

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

#### Answer Area

Record type:

A
CNAME
SRV
TXT

Record value:

https://rdweb.wvd.microsoft.com/api/arm/feeddiscovery
https://rdweb.wvd.microsoft.com/api/feeddiscovery
https://rdweb.wvd.microsoft.com/Feed/webfeed.aspx
webfeeddiscovery.aspx

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

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: 

Av2-series

Dsv4-series

NVv3-series

Pool2: 

Av2-series

Dsv4-series

NVv3-series

- 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

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 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.

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 modify the IP configuration of each session host. Does that meet the goal?

- A. Yes
- B. No

**Answer: B**

#### NEW QUESTION 5

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 6

HOTSPOT

You have a Windows Virtual Desktop deployment.

You need to ensure that all the connections to the managed resources in the host pool require multi-factor authentication (MFA). Which two settings should you modify in a conditional access policy? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

## New

### Conditional access policy

Control user access based on conditional access policy to bring signals together, to make decisions, and enforce organizational policies. [Learn more](#)

Name \*

Conditional Access Policy ✓

### Assignments

Users and groups ⓘ	>
All users	
Cloud apps or actions ⓘ	>
No cloud apps or actions selected	
Conditions ⓘ	>
0 conditions selected	

### Access controls

Grant ⓘ	>
0 conditions selected	
Session ⓘ	>
0 conditions selected	

- A. Mastered
- B. Not Mastered



Answer: A

Explanation:

## New

Conditional access policy

Control user access based on conditional access policy to bring signals together, to make decisions, and enforce organizational policies. [Learn more](#)

Name \*

Conditional Access Policy ✓

Assignments

Users and groups ⓘ
>
All users

Cloud apps or actions ⓘ
>
No cloud apps or actions selected

Conditions ⓘ
>
0 conditions selected

Access controls

Grant ⓘ
>
0 conditions selected

Session ⓘ
>
0 conditions selected

### NEW QUESTION 7

HOTSPOT

Your company has the offices shown in the following table.

Location	Internal network IP address space	Public IP address space
Boston	10.10.0.0/16	13.83.131.0/24
Seattle	172.16.0.0/16	92.15.10.0/24

The company has an Azure Active Directory (Azure AD) tenant named contoso.com that contains a user named User1.

Users connect to a Windows Virtual Desktop deployment named WVD1. WVD1 contains session hosts that have public IP addresses from the 52.166.253.0/24 subnet.

Contoso.com has a conditional access policy that has the following settings:

- Name: Policy1
- Assignments:
  - Users and groups: User1
  - Cloud apps or actions: Windows Virtual Desktop
  - Access controls:
    - Grant: Grant access, Require multi-factor authentication
    - Enable policy: On

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

## Answer Area

Statements	Yes	No
If User1 connects to Windows Virtual Desktop from the office in Boston, User1 is prompted for multi-factor authentication (MFA).	<input type="radio"/>	<input type="radio"/>
If User1 connects to Windows Virtual Desktop from home, User1 is prompted for multi-factor authentication (MFA).	<input type="radio"/>	<input type="radio"/>
If User1 connects to Microsoft Exchange Online from a Windows Virtual Desktop session, User1 is prompted for multi-factor authentication (MFA).	<input type="radio"/>	<input type="radio"/>

- A. Mastered  
B. Not Mastered

Answer: A

Explanation:

## Answer Area

Statements	Yes	No
If User1 connects to Windows Virtual Desktop from the office in Boston, User1 is prompted for multi-factor authentication (MFA).	<input checked="" type="radio"/>	<input type="radio"/>
If User1 connects to Windows Virtual Desktop from home, User1 is prompted for multi-factor authentication (MFA).	<input checked="" type="radio"/>	<input type="radio"/>
If User1 connects to Microsoft Exchange Online from a Windows Virtual Desktop session, User1 is prompted for multi-factor authentication (MFA).	<input checked="" type="radio"/>	<input type="radio"/>

### NEW QUESTION 8

You have a Windows Virtual Desktop deployment. You publish a RemoteApp named AppVersion1. You need AppVersion1 to appear in the Remote Desktop client as Sales Contact Application. Which PowerShell cmdlet should you use?

- A. New-AzADApplication  
B. Update-AzWvdApplicationGroup  
C. Register-AzWvdApplicationGroup  
D. Update-AzWvdApplication

Answer: D

### NEW QUESTION 9

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 10

HOTSPOT  
You network contains an on-premises Active Directory domain that syncs to an Azure Active Directory (Azure AD) tenant. The domain contains the users shown in the following table.

Name	Role	Member of
User1	Desktop Virtualization Workspace Reader	Group1
User2	Desktop Virtualization Application Group Reader	Group2

You have a Windows Virtual Desktop deployment that contains the application groups shown in the following table.

Name	Application	Assignment
AppGroup1	Microsoft Word	Group1
AppGroup2	Microsoft Excel	Group2
AppGroup3	Microsoft PowerPoint	Group1, Group2

You have the workspaces shown in the following table.

Name	Application group
Workspace1	AppGroup1
Workspace2	AppGroup2

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

## Answer Area

Statements	Yes	No
User1 has PowerPoint listed in the Remote Desktop client.	<input type="radio"/>	<input type="radio"/>
User1 has Word listed in the Remote Desktop client.	<input type="radio"/>	<input type="radio"/>
User2 has PowerPoint listed in the Remote Desktop client.	<input type="radio"/>	<input type="radio"/>

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

## Answer Area

Statements	Yes	No
User1 has PowerPoint listed in the Remote Desktop client.	<input type="radio"/>	<input checked="" type="radio"/>
User1 has Word listed in the Remote Desktop client.	<input checked="" type="radio"/>	<input type="radio"/>
User2 has PowerPoint listed in the Remote Desktop client.	<input type="radio"/>	<input checked="" type="radio"/>

### NEW QUESTION 10

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 14

You have a Windows Virtual Desktop host pool named Pool1 and an Azure Automation account named account1. Pool1 is integrated with an Azure Active Directory Domain Services (Azure AD DS) managed domain named contoso.com.

You plan to configure scaling for Pool1 by using Azure Automation runbooks.

You need to authorize the runbooks to manage the scaling of Pool1. The solution must minimize administrative effort. What should you configure?



- A. a managed identity in Azure Active Directory (Azure AD)
- B. a group Managed Service Account (gMSA) in Azure AD DS
- C. a Connections shared resource in Azure Automation
- D. a Run As account in Azure Automation

**Answer:** D

#### NEW QUESTION 16

You have an Azure subscription that contains the resources shown in the following table.

Name	Description
WVDVM-0	A virtual machine used in a pooled virtual machine set
share1	An Azure file share that stores FSLogix profile containers
Image1	A custom Windows 10 image in a shared image gallery
Image2	A custom Windows Server 2019 image stored in Azure Blob storage

Which resources can you back up by using Azure Backup?

- A. WVDVM-0 and share1 only
- B. WVDVM-0 only
- C. WVDVM-0, Image1, and Image2 only
- D. WVDVM-0, share1, and Image1 only
- E. WVDVM-0, share1, Image1, and Image2

**Answer:** A

#### NEW QUESTION 17

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 18

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.

**Answer:** D

#### 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 <b>NOT</b> 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"> <li>A host pool named Pool1</li> <li>An application group named Group1</li> <li>A workspace named Workspace1</li> <li>Virtual machines that have a prefix of Pool1</li> </ul>
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 19**

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 21**

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