AZ-140$^{Q\&As}$

Configuring and Operating Windows Virtual Desktop on Microsoft Azure

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QUESTION 1

You have an Azure Active Directory Domain Services (Azure AD DS) domain named contoso.com.

You have an Azure Storage account named storage1. Storage1 hosts a file share named share1 that has share and file system permissions configured. Share1 is configured to use contoso.com for authentication.

You create an Azure Virtual Desktop host pool named Pool1. Pool1 contains two session hosts that use the Windows 10 multi-session + Microsoft 365 Apps image.

You need to configure an FSLogix profile container for Pool1.

What should you do next?

A. Install the FSLogix agent on the session hosts of Pool1.

B. From storage1, set Allow shared key access to Disabled.

C. Configure the Profiles setting for the session hosts of Pool1.

D. Generate a shared access signature (SAS) key for storage1.

Correct Answer: C

Reference: https://docs.microsoft.com/en-us/azure/virtual-desktop/create-host-pools-user-profile

QUESTION 2

DRAG DROP

You have an Azure Virtual Desktop host pool named Pool1, an application named App1, and an Azure file share named Share1.

You need to ensure that you can publish App1 to Pool1 by using MSIX app attach.

Which four actions should you perform in sequence before you publish App1? 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 an MSIX image.

Generate a signing certificate.

Upload the MSIX package to Share1. ◀

Generate an encryption certificate. ▶

Create an MSIX package.

Upload the MSIX image to Share1.

Answer Area

Correct Answer:

Actions

Upload the MSIX package to Share1. ◀

Generate an encryption certificate. ▶

Answer Area

Generate a signing certificate.

Create an MSIX package.

Create an MSIX image.

Upload the MSIX image to Share1.

Reference: https://docs.microsoft.com/en-us/windows/msix/packaging-tool/create-app-package
https://docs.microsoft.com/en-us/azure/virtual-desktop/app-attach-image-prep

QUESTION 3

HOTSPOT

You have an Azure Virtual Desktop deployment that contains two Azure AD-joined session hosts named Host1 and Host2.

FSLogix Profile Containers and Office Containers have different locations and are used for both session hosts.

You have an Azure AD tenant that contains the users shown in the following table.

Name	Member of Azure AD group
User1	Group1, Group3
User2	Group2
User3	Group3

Host1 contains the local groups shown in the following table.

Name	Members
FSLogix ODFC Exclude List	Group3
FSLogix ODFC Include List	Group1, Group2
FSLogix Profile Exclude List	None
FSLogix Profile Include List	Group1, Group3

Host2 contains the local groups shown in the following table.

Name	Members
FSLogix ODFC Exclude List	None
FSLogix ODFC Include List	Group1
FSLogix Profile Exclude List	None
FSLogix Profile Include List	Group2, Group3

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
When connected to Host1, User1 will use an Office Container.	○	○
If User2 modifies the Microsoft Office settings for Host1, the modified settings will be applied to Host2.	○	○
If User3 adds a desktop shortcut to Host1, the shortcut will be available on Host2.	○	○

Correct Answer:

Answer Area

Statements	Yes	No
When connected to Host1, User1 will use an Office Container.	○	●
If User2 modifies the Microsoft Office settings for Host1, the modified settings will be applied to Host2.	○	●
If User3 adds a desktop shortcut to Host1, the shortcut will be available on Host2.	●	○

QUESTION 4

Your company has 60,000 users.

You plan to deploy Azure Virtual Desktop.

You need to recommend a storage solution for the FSLogix profile containers. The solution must provide the highest possible IOPS and the lowest latency desktop experience.

What should you recommend?

A. Azure Data Lake Storage

B. Azure NetApp Files

C. Azure Blob Storage Premium

D. Azure Files Standard

Correct Answer: B

Run your most demanding Linux and Windows file workloads in Azure

Running performance-intensive and latency-sensitive file workloads in the cloud can be hard. Azure NetApp Files makes it easy for enterprise line-of-business (LOB) and storage professionals to migrate and run complex, file-based

applications with no code change. Azure NetApp Files is widely used as the underlying shared file-storage service in various scenarios. These include migration (lift and shift) of POSIX-compliant Linux and Windows applications, SAP HANA,

databases, high-performance compute (HPC) infrastructure and apps, and enterprise web applications.

Azure Files has a 3-ms latency, whereas Azure NetApp Files has a 1-ms latency. Therefore, among the options, Azure NetApp Files is the solution with the lowest latency for FSLogix profile containers.

QUESTION 5

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

Name	Network location	IP address	Configuration
Server1	On-premises datacenter	10.10.1.1	Domain controller, DNS server
Server2	Azure virtual network named VNET1	10.20.1.1	Domain controller, DNS server

The DNS servers are configured to forward requests to an external DNS service.

You create a new virtual network named VNET2 that is peered to VNET1 and has gateway transit enabled.

You plan to implement an Azure Virtual Desktop host pool in VNET2. The session hosts will be joined to the Active Directory domain.

You need to configure DNS to meet the following requirements:

1.

Ensure that Azure Virtual Desktop users can resolve on-premises servers and Azure resources.

2.

Ensure that azure Virtual Desktop remains operational if a DNS server fails.

3.

Minimize administrative effort. What should you configure?

A. the DNS settings of VNET2 to use Server2 and Server1

B. the DNS settings of VNET2 to use the Azure DNS service

C. the DNS settings of the virtual machines to use Server2 and Server1

D. the DNS settings of the virtual machines to use the Azure DNS service

Correct Answer: C

You should configure the DNS settings of VNET2 to use Server2 and Server1 to meet the requirements.

By configuring the DNS settings of VNET2 to use Server2 and Server1, the Azure Virtual Desktop users will be able to resolve on-premises servers and Azure resources. Since VNET2 is peered with VNET1 and has gateway transit enabled,

the DNS servers in VNET1 will automatically be available in VNET2. This will ensure that Azure Virtual Desktop remains operational if a DNS server fails.

Configuring the DNS settings at the VNET level will also minimize administrative effort, as you only need to make the change once instead of for each individual virtual machine.

Reference: https://docs.microsoft.com/en-us/azure/virtual-network/virtual-networks-name-resolution-for-vms-and-role-instances#name-resolution-that-uses-your-own-dns-server

QUESTION 6

HOTSPOT

You have an Azure Virtual Desktop deployment that contains the resources shown in the following table.

Name	Description
Pool1	Personal host pool
Host1	Windows 11 session host in Pool1
Host2	Windows 11 session host in Pool1
AG1	RemoteApp app group that contains an app named App1
WS1	Workspace that publishes AG1

You need to perform the following configurations: Enable a managed identity for App1.

Enable Clipboard redirection for App1.

On which resources should you perform the configurations? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Managed identity:

	▼
AG1	
Host1 and Host2	
Pool1	
WS1	

Clipboard redirection:

	▼
AG1	
Host1 and Host2	
Pool1	
WS1	

Correct Answer:

Managed identity:

	▼
AG1	
Host1 and Host2	
Pool1	
WS1	

Clipboard redirection:

	▼
AG1	
Host1 and Host2	
Pool1	
WS1	

QUESTION 7

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 an Azure 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.

Hot Area:

Statements	Yes	No
User1 has PowerPoint listed in the Remote Desktop client.	O	O
User1 has Word listed in the Remote Desktop client.	O	O
User2 has PowerPoint listed in the Remote Desktop client.	O	O

Correct Answer:

Statements	Yes	No
User1 has PowerPoint listed in the Remote Desktop client.	O	**O**
User1 has Word listed in the Remote Desktop client.	**O**	O
User2 has PowerPoint listed in the Remote Desktop client.	O	**O**

Reference: https://docs.microsoft.com/en-us/azure/virtual-desktop/environment-setup

QUESTION 8

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).	O	O
If User1 connects to Windows Virtual Desktop from home, User1 is prompted for multi-factor authentication (MFA).	O	O
If User1 connects to Microsoft Exchange Online from a Windows Virtual Desktop session, User1 is prompted for multi-factor authentication (MFA).	O	O

Correct Answer:

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).	⦿	○
If User1 connects to Windows Virtual Desktop from home, User1 is prompted for multi-factor authentication (MFA).	⦿	○
If User1 connects to Microsoft Exchange Online from a Windows Virtual Desktop session, User1 is prompted for multi-factor authentication (MFA).	○	⦿

Reference: https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-enable-azure-mfa

QUESTION 9

HOTSPOT

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

Name	Type	Location
VNet1	Virtual network	East US
VNet2	Virtual network	West US
VNet3	Virtual network	Central US
storage1	Storage account	East US

You have a virtual machine named Server1 that runs Windows Server and is connected to VNet3. You need to deploy the Azure Virtual Desktop host pools shown in the following table.

Name	Description
Pool1	Session hosts are connected to VNet1
Pool2	Session hosts are connected to VNet2

The solution must meet the following requirements:

1.

The session hosts in Pool1 must access Server1 via the Microsoft backbone network.

2.

The session hosts in Pool2 must access storage1 via the Microsoft backbone network.

What should you configure on the virtual networks? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

VNet1: ▼

| A private endpoint |
| A service endpoint |
| A VPN gateway |
| Virtual Network peering |

VNet2: ▼

| A private endpoint |
| A service endpoint |
| A VPN gateway |
| Virtual Network peering |

Correct Answer:

Answer Area

VNet1:

| A private endpoint |
| A service endpoint |
| A VPN gateway |
| Virtual Network peering |

VNet2:

| A private endpoint |
| A service endpoint |
| A VPN gateway |
| Virtual Network peering |

QUESTION 10

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.

Hot Area:

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 |

Correct Answer:

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 |

Reference: https://jenzushsu.medium.com/configure-email-discovery-to-subscribe-to-your-windows-virtual-desktop-feed-49dbb8db553c

https://docs.microsoft.com/en-us/azure/virtual-desktop/connect-ios

QUESTION 11

HOTSPOT

You need to configure a conditional access policy to meet the authentication requirements.

What should you include in the policy configuration? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Set Cloud apps or actions to include:

▼
Azure Virtual Desktop
Azure Virtual Desktop Azure Resource Manager Provider
Azure Virtual Desktop Client

Set Session controls to include:

▼
Persistent browser session
Sign-in frequency
Use app enforced restrictions

Correct Answer:

Set Cloud apps or actions to include:

Azure Virtual Desktop
Azure Virtual Desktop Azure Resource Manager Provider
Azure Virtual Desktop Client

Set Session controls to include:

Persistent browser session
Sign-in frequency
Use app enforced restrictions

Reference: https://docs.microsoft.com/en-us/azure/virtual-desktop/set-up-mfa

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QUESTION 12

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 an Azure Virtual Desktop host pool that runs Windows 10 Enterprise multi-session.

User sessions are load-balanced between the session hosts. Idle session timeout is 30 minutes.

You plan to shut down a session host named Host1 to perform routine maintenance.

You need to prevent new user sessions to Host1 without disconnecting active user sessions.

Solution: From the properties of the virtual machine of Host1, you enable just-in-time (JIT) VM access.
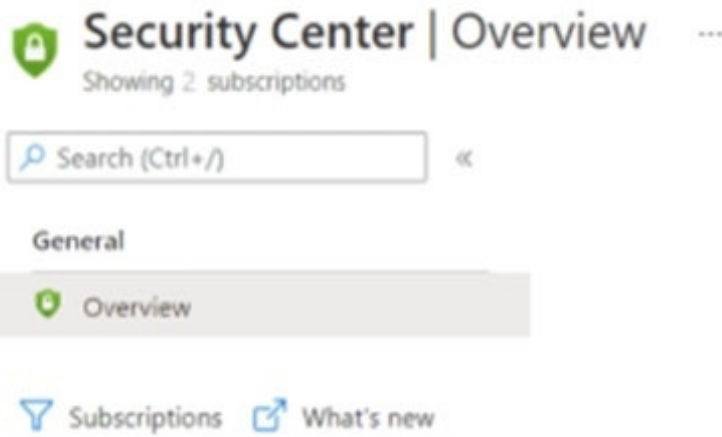
Does this meet the goal?

A. Yes

B. No

Correct Answer: B

Reference: https://docs.microsoft.com/en-us/azure/virtual-desktop/drain-mode

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QUESTION 13

HOTSPOT

You have two Azure subscriptions that are linked to an Azure Active Directory (Azure AD) tenant named contoso.com and contain an Azure Virtual Desktop deployment. The tenant contains a user named User1.

When User1 signs in to Azure Security Center, the user receives the message shown in the following exhibit.

Security Center | Overview ...
Showing 2 subscriptions

🔍 Search (Ctrl+/)   «

General

🛡 Overview

🔽 Subscriptions   ☑ What's new

ℹ️ You may be viewing limited information. To get tenant-wide visibility, click here

You need to ensure that User1 can manage security information for the tenant. The solution must use the principle of least privilege. What should you do? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Role to assign to User1:

| Security Admin at the root management group level |
| Security Admin at the subscription level |
| Security administrator for contoso.com |

Role required to assign the role to User1:

| External Identity Provider administrator |
| Global administrator |
| Privileged role administrator |

Correct Answer:

Answer Area

Role to assign to User1:

▼
Security Admin at the root management group level
Security Admin at the subscription level
Security administrator for contoso.com

Role required to assign the role to User1:

▼
External Identity Provider administrator
Global administrator
Privileged role administrator

Box 1: Security administrator for contoso.com Incorrect:

*

Not at the subscription level, as there are two subscriptions.

*

Not Root management group level Each directory is given a single top-level management group called the root management group. The root management group is built into the hierarchy to have all management groups and subscriptions fold up to it. This root management group allows for global policies and Azure role assignments to be applied at the directory level.

Box 2: Privileged Role Administrator

You need to ensure that User1 can manage security information for the tenant.

Privileged Role Administrator - Can manage role assignments in Azure AD, and all aspects of Privileged Identity Management.

Incorrect:

*

External Identity Provider Administrator This administrator manages federation between Azure AD organizations and external identity providers. With this role, users can add new identity providers and configure all available settings (e.g. authentication path, service ID, assigned key containers). This user can enable the Azure AD organization to trust authentications from external identity providers. Reference: https://docs.microsoft.com/en-us/azure/governance/management-groups/overview https://docs.microsoft.com/en-us/azure/active-directory/roles/permissions-reference

QUESTION 14

You have the Azure Virtual Desktop deployment shown in the following table.

Configuration	Value
Azure region	West US
Number of currently deployed virtual machines	5
Virtual machine size	D8s_v3
Number of total regional vCPUs	80% (40 of 50)

You plan to deploy a new host pool as shown in the following table.

Configuration	Value
Azure region	West US
Number of session hosts	4
Virtual machine size	D8s_v3

You need to ensure that you can deploy the host pool. What should you do?

A. Add a lock to the existing host pool.

B. Stop and deallocate one of the currently deployed virtual machines.

C. Submit a support request for service and subscription limits.

D. Change the proposed virtual machine size for the session hosts to D4s_v3.

Correct Answer: C

Reference: https://docs.microsoft.com/en-us/azure/azure-portal/supportability/per-vm-quota-requests

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QUESTION 15

You have an Azure Virtual Desktop host pool.

You add a French language pack to each session host in the host pool.

Several days later, users report that English displays when they connect to Azure Virtual Desktop.

After an investigation, you discover that the French language pack was removed, and the session hosts reverted to English.

You need to ensure that the French language pack is always available on the session hosts.

What should you do?

A. Configure the international settings on each host

B. Assign a defaulat time zone on each host

C. Apply a Group Policy setting to disable the Time and language settings

D. Apply a Group Policy setting that blocks the cleanup of unused language packs

Correct Answer: D

https://docs.microsoft.com/en-us/windows-hardware/manufacture/desktop/languages-overview?view=windows-11#block-cleanup-of-unused-language-packs

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