AZ-140^{Q&As}

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Configuring and Operating Windows Virtual Desktop on Microsoft Azure

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QUESTION 1

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 configure the Auto-shutdown settings.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

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

QUESTION 2

Your on-premises network contains 20 Windows 10 devices.

You have an Azure Virtual Desktop deployment.

You need to deploy the Microsoft Remote Desktop client (MSRDC) to the devices. The MSRDC must be available to everyone who sign in to the devices.

What should you do?

A. Install the MSRDC by using msiexec.exe and the ALLUSERS=1 command line option.

B. Install the MSRDC by using msiexec.exe and the ALLUSERS=2 command line option.

C. Install the MSRDC by using msiexec.exe and the MSIINSTALLPERUSER=1 command line option.

Correct Answer: A

Although your users can install the client directly after downloading it, if you\\'re deploying to multiple devices, you may want to also deploy the client to them through other means. Deploying using group policies or the Microsoft Endpoint Configuration Manager lets you run the installer silently using a command line. Run the following commands to deploy the client per-device or per-user.

Per-device installation msiexec.exe /I /qn ALLUSERS=1

Incorrect: Per-user installation msiexec.exe /i `` /qn ALLUSERS=2 MSIINSTALLPERUSER=1

Reference: https://docs.microsoft.com/en-us/windows-server/remote/remote-desktop-services/clients/windowsdesktop-admin

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QUESTION 3

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 the following:

1.

A Microsoft 365 E5 tenant

2.

An on-premises Active Directory domain

3.

A hybrid Azure Active Directory (Azure AD) tenant

4.

An Azure Active Directory Domain Services (Azure AD DS) managed domain

5.

An Azure Virtual Desktop deployment

The Azure Virtual Desktop deployment contains personal desktops that are hybrid joined to the on-premises domain and enrolled in Microsoft Intune.

You need to configure the security settings for the Microsoft Edge browsers on the personal desktops.

Solution: You configure a compliance policy in Intune.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B

You need to configure a Configuration Profile in Intune or use Group Policy.

QUESTION 4

You plan to deploy Azure Virtual Desktop session host virtual machines based on a preconfigured master image. The master image will be stored in a shared image gallery.

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.

Correct Answer: B

Reference: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/prepare-for-upload-vhd-image#determine-when-to-use-sysprep

QUESTION 5

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: CD

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

QUESTION 6

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: B

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

QUESTION 7

You have an Azure Virtual Desktop deployment that contains a host pool. The host pool contains 15 session hosts. All the sessions hosts have FSLogix installed.

You need to configure the path to where the user profiles are stored. The solution must minimize administrative effort.

Which registry setting should you use?

A. VHDLocations

B. CCDLocations

C. ProfileDirSDDL

D. FlipFlopProfileDirectoryName

Correct Answer: A

https://learn.microsoft.com/en-us/fslogix/configure-profile-container-tutorial#configure-profile-container-registry-settings

QUESTION 8

HOTSPOT

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

Name	Location	Azure Files share
storage1	West US	share1
storage2	West US	share2, share3

The subscription contains the vaults shown in the following table.

Name	Location	Type
Vault1	East US	Recovery Services vault
Vault2	West US	Recovery Services vault
Vault3	West US	Recovery Services vault
Vault4	West US	Backup vault

The subscription contains the Azure Virtual Desktop host pools shown in the following table.

Name	Session host	Location	FSLogix user profile location
Pool1	P1-0	West US	share1
Pool2	P2-0	West US	share2
Pool3	P3-0	West US	share3

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
The FSLogix user profiles in Pool1 can be backed up to Vault1.	O	O
The FSLogix user profiles in Pool2 can be backed up to Vault2.	O	O
P3-0 can be backed up to Vault4.	O	O

Correct Answer:

Answer Area

Statements	Yes	No
The FSLogix user profiles in Pool1 can be backed up to Vault1.	O	●
The FSLogix user profiles in Pool2 can be backed up to Vault2.	●	O
P3-0 can be backed up to Vault4.	O	●

https://harvestingclouds.com/post/azure-recovery-services-vaults-vs-backup-vaults/

QUESTION 9

HOTSPOT

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

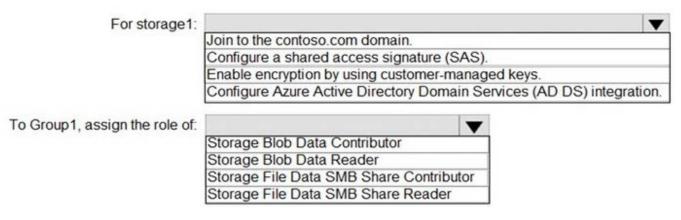You have an Azure subscription that contains an Azure Virtual Desktop host pool.

You create an Azure Storage account named storage1.

You need to use FSLogix profile containers in storage1 to store user profiles for a group named Group1. The solution must use the principle of least privilege.

What should you include in the solution? To answer, select the appropriate options in the answer area.
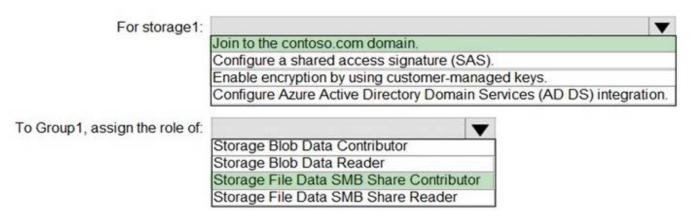
Hot Area:

Answer Area

For storage1:

Join to the contoso.com domain.
Configure a shared access signature (SAS).
Enable encryption by using customer-managed keys.
Configure Azure Active Directory Domain Services (AD DS) integration.

To Group1, assign the role of:

Storage Blob Data Contributor
Storage Blob Data Reader
Storage File Data SMB Share Contributor
Storage File Data SMB Share Reader

Correct Answer:

Answer Area

For storage1:

Join to the contoso.com domain.
Configure a shared access signature (SAS).
Enable encryption by using customer-managed keys.
Configure Azure Active Directory Domain Services (AD DS) integration.

To Group1, assign the role of:

Storage Blob Data Contributor
Storage Blob Data Reader
Storage File Data SMB Share Contributor
Storage File Data SMB Share Reader

Reference: https://docs.microsoft.com/en-us/azure/storage/files/storage-files-identity-ad-ds-enable
https://docs.microsoft.com/en-us/azure/virtual-desktop/create-file-share

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QUESTION 10

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:

1.

 Distribute new user sessions across all running session hosts.

2.

 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

Correct Answer: B

Breadth First ensures all Hosts are used before stacking sessions on single hosts. This is a Host Pool configuration.

Azure Automation achieves the auto-scaling requirements. https://learn.microsoft.com/en-us/azure/virtual-desktop/scaling-automation-logic-apps

Using A Scale plan would be a better solution for AVD going forward. https://learn.microsoft.com/en-us/azure/virtual-desktop/autoscale-scaling-plan?tabs=pooled-autoscales

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QUESTION 11

HOTSPOT

You have an Azure Virtual Desktop deployment that contains a host pool named Pool1. Pool1 contains two session hosts. Pool1 is configured as shown in the following exhibit.

Name

Pool1

Configuration

Personal desktop   Yes   No

Start VM on connect ⓘ   ⦿ No   ◯ Yes

Validation environment ⓘ   ⦿ No   ◯ Yes

Friendly name   [✓]

Description   [Created through the Azure Virtual Desktop extension   ✓]

Load balancing algorithm ⓘ   [Depth-first   ⌄]

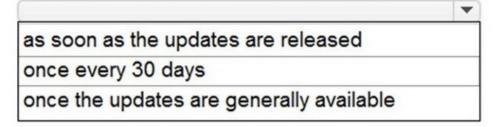Max session limit ⓘ   [5   ✓]

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.

Hot Area:

Answer Area

Service updates will be applied to Pool1 **[answer choice]**.

as soon as the updates are released
once every 30 days
once the updates are generally available

New user connections will be **[answer choice]**.

connected to the session host that has the highest number of existing connections and has not reached the maximum session limit
evenly distributed across all available hosts
rejected once five sessions are established

Correct Answer:

Answer Area

Service updates will be applied to Pool1 **[answer choice]**.

as soon as the updates are released
once every 30 days
once the updates are generally available

New user connections will be **[answer choice]**.

connected to the session host that has the highest number of existing connections and has not reached the maximum session limit
evenly distributed across all available hosts
rejected once five sessions are established

QUESTION 12

Which three PowerShell modules should you install on Server1 to meet the technical requirements? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Pester

B. RemoteDesktop

C. ServerManager

D. ActiveDirectory

E. Hyper-V

Correct Answer: ADE

Contoso identifies the following technical requirements:

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

The PowerShell modules for Hyper-V, Active Directory, and Pester are prerequisites to running the cmdlets to convert user profile disks to FSLogix.

Reference:

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

QUESTION 13

You have an Azure Virtual Desktop deployment that contains a host pool named Pool1. Pool1 contains two session hosts named Host1 and Host2.

You need to enable screen capture protection for the deployment.

What should you do?

A. Configure a Group Policy setting on Host1 and Host2.

B. From RDP Properties for Pool1, disable Clipboard redirection.

C. Install an Azure virtual machine extension on Host1 and Host2.

D. From RDP Properties for Pool1, disable encoding of redirected video.

Correct Answer: A

Configure the settings by using Group Policy. https://learn.microsoft.com/en-us/azure/virtual-desktop/screen-capture-protection

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