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Configuring and Operating Windows Virtual Desktop on Microsoft Azure

Microsoft AZ-140

Version Demo

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Topic Break Down

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QUESTION NO: 1

You have an Azure Virtual Desktop host pool named Pool1. Pool1 contains session hosts that have a third-party application named App1. App1 is published by using a RemoteApp group.

A new MSI-based version of App1 is installed each month to each host. The name of the executable file is different for each version of App1.

You need to automate the process of making a new version of App1 available via RemoteApp. The process must ensure that the user experience remains the same when launching the application from the Windows Desktop client.

Which two cmdlets should you run? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Remove-AzWvdApplication
- B. New-AzWvdApplication
- C. New-AzWvdApplicacionGroup
- D. New-AzWvdMsixPackage
- E. New-AzRoleAssignmenc
- F. Remove-AzWvdMsixPackage

ANSWER: B D

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/what-is-app-attach>

<https://docs.microsoft.com/en-us/powershell/module/az.desktopvirtualization/new-azwvdapplication?view=azps-6.4.0>

QUESTION NO: 2

You have an Azure Virtual Desktop deployment that contains a host pool. The host pool contains 10 session hosts. The session hosts are configured by using a custom image and ephemeral disks.

You need to deploy Microsoft OneDrive for Business.

Which two actions should you perform for each session host? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Install FSLogix.

Install FSLogix - FSLogix provides a single-user solution for running multiple OneDrive for Business clients simultaneously on the same session host.

B. Install the OneDrive sync app by using the per-machine installation option.

Install the OneDrive sync app by using the per-machine installation option - according to the Microsoft AZ-140 Official Guide, "OneDrive for Business supports per-machine installation, which is required for a multi-user VDI environment." This means that the OneDrive sync app must be installed on each session host using the per-machine installation option.

C. Implement Application Masking.

D. Install the OneDrive sync app by using the per-user installation option.

E. Deploy an MSIX app attach package.

ANSWER: A B

Explanation:

The two actions you should perform for each session host in order to deploy Microsoft OneDrive for Business are:

A. Install FSLogix - FSLogix provides a single-user solution for running multiple OneDrive for Business clients simultaneously on the same session host.

B. Install the OneDrive sync app by using the per-machine installation option - according to the Microsoft AZ-140 Official Guide, "OneDrive for Business supports per-machine installation, which is required for a multi-user VDI environment." This means that the OneDrive sync app must be installed on each session host using the per-machine installation option.

QUESTION NO: 3 - (DRAG DROP)

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



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.



Explanation:

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 NO: 4 - (HOTSPOT)

-You have an Azure subscription named Subscription1 that contains the users shown in the following table.

Name	Member of
User1	Group1, Group3
User2	Group2, Group3

Subscription1 contains the Azure Virtual Desktop host pools shown in the following table.

Name	Session host in host pool	Session host public inbound ports
Pool1	P1-0.contoso.com	None
Pool2	P2-0.contoso.com	None

Subscription1 contains the Azure Virtual Desktop application groups shown in the following table.

Name	Host pool	Application group type
AppGroup1	Pool1	Desktop
AppGroup2	Pool2	Desktop

You perform the role assignments shown in the following table.

Role	To group	For resource
Desktop Virtualization Reader	Group3	Subscription1
Desktop Virtualization User Session Operator	Group1	Pool1
Desktop Virtualization User	Group3	AppGroup2
Virtual Machine User Login	Group1	P1-0.contoso.com

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:

User1 can connect to the P1-0.contoso.com session host.

User2 can connect to the P1-0.contoso.com session host.

User2 can connect to the P2-0.contoso.com session host.

ANSWER:

User1 can connect to the P1-0.contoso.com session host.

User2 can connect to the P1-0.contoso.com session host.

User2 can connect to the P2-0.contoso.com session host.

Explanation:

Yes, No, Yes

QUESTION NO: 5 - (DRAG DROP)

-Your on-premises network contains an Active Directory domain that syncs with an Azure AD tenant. You have an Azure Virtual Desktop host pool that contains Windows 11 session hosts joined to the domain. You need to configure Azure NetApp Files to store user profile containers. 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. NOTE: More than one order of answer choices is correct.

You will receive credit for any of the correct orders you select.

Actions

Create a capacity pool.

Create a new NFS volume.

Create a new SMB volume.

Configure an Active Directory connection to the Azure AD tenant.

Create a new Azure NetApp Files account.

Configure an Active Directory connection to the on-premises domain.

Answer Area

ANSWER:

Actions

Create a capacity pool.

Create a new NFS volume.

Create a new SMB volume.

Configure an Active Directory connection to the Azure AD tenant.

Create a new Azure NetApp Files account.

Configure an Active Directory connection to the on-premises domain.

Answer Area

Create a new Azure NetApp Files account.

Create a capacity pool.

Configure an Active Directory connection to the Azure AD tenant.

Create a new SMB volume.

Explanation:

Answer Area

Create a new Azure NetApp Files account.

Create a capacity pool.

Configure an Active Directory connection to the Azure AD tenant.

Create a new SMB volume.

QUESTION NO: 6

You have an Azure Virtual Desktop deployment that uses Microsoft 365 cloud services including Microsoft Teams.

Users use the Remote Desktop client to connect to the deployment from computers that run Windows 10.

You need to support audio and video in Azure Virtual Desktop and provide the users with access to Microsoft Teams calling and meeting features.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Install the Microsoft Teams WebSocket Service on the Windows 10 computers
- B. Configure the IsWVDEnvironment registry key on the Windows 10 computers
- C. Configure the IsWVDEnvironment registry key on the virtual machines
- D. Install the Microsoft Teams desktop app on the Windows 10 computers
- E. Install the Microsoft Teams WebSocket Service on the virtual machines
- F. Install the Microsoft Teams desktop app on the virtual machines

ANSWER: B D E

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/virtual-desktop/teams-on-avd>

QUESTION NO: 7

You have an Azure 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: C F

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/virtual-desktop/create-file-share>

QUESTION NO: 8

You have an Azure Virtual Desktop deployment.

You need to monitor the deployment by using the Azure Virtual Desktop Insights solution in Azure Monitor.

What should you use as the Diagnostic settings destination for the host pool?

- A. Event hub
- B. Log Analytics workspace
- C. Storage account

ANSWER: B

Explanation:

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

QUESTION NO: 9

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.

ANSWER: A

Explanation:

Reference:

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

QUESTION NO: 10

You have an Azure Virtual Desktop deployment.

The session hosts are joined to an on-premises Active Directory domain named contoso.com.

You need to limit user sessions to three hours.

What should you configure?

- A. a Group Policy Object (GPO) in contoso.com.
- B. the properties of the workspace
- C. the RDP Properties of a host pool
- D. just-in-time (JIT) VM access

ANSWER: A

QUESTION NO: 11

You have a Windows Virtual Desktop deployment that contains the following:

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

Explanation:

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/customize-rdp-properties>

QUESTION NO: 12

You have an Azure Virtual Desktop deployment.

You plan to deploy Update Management to manage automated updates for server-based session hosts.

You need to configure the prerequisites for Update Management.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Create a Log Analytics workspace.
- B. Create an Azure Automation account.
- C. Create an Azure Service Health alert rule.
- D. Enable the Application Insights Agent.
- E. Configure Azure Network Watcher.

ANSWER: A B

Explanation:

<https://learn.microsoft.com/en-us/azure/architecture/hybrid/azure-update-mgmt>

QUESTION NO: 13

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:

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

QUESTION NO: 14

You have an Azure 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

Explanation:

Reference: <https://docs.microsoft.com/en-us/azure/virtual-desktop/troubleshoot-client>

QUESTION NO: 15 - (HOTSPOT)

-You create an Azure Virtual Desktop host pool as shown in the following exhibit.

Create a host pool

Validation passed.

Basics Virtual Machines Workspace Advanced Tags Review + create

Basics

Subscription	Azure Pass - Sponsorship
Resource group	RG1
Host pool name	HostPool1
Location	West Europe
Host pool type	Pooled
Max session limit	10
Load balancing algorithm	Depth-first

Virtual Machines

Resource group	RG1
Name prefix	vm
Virtual machine location	West Europe
Availability options	Availability zone
Availability zone	3
Image type	Gallery
Image	Windows 11 Enterprise multi-session
Virtual machine size	Standard D4s v3
Number of VMs	5
OS disk type	Standard SSD
Use managed disks	Yes
Virtual network	VNet1
Boot Diagnostics	Enable with managed storage account (recommended)
Subnet	default(10.0.0.0/24)
Network security group	Basic
Public inbound ports	None
Specify domain or unit	No
Domain Join Type	Active Directory

Use the drop-down menus to select the answer choice that answers each question based on the information presented in the graphic.

NOTE: Each correct selection is worth one point.

Hot Area:

What is the maximum number of concurrent user sessions for the host pool?

5
10
15
30
50
150

Where will the first five user sessions be created?

On five different session hosts
On the same session host
On three different session hosts

ANSWER:

What is the maximum number of concurrent user sessions for the host pool?

5
10
15
30
50
150

Where will the first five user sessions be created?

On five different session hosts
On the same session host
On three different session hosts

Explanation:

What is the maximum number of concurrent user sessions for the host pool?

5
10
15
30
50
150

Where will the first five user sessions be created?

On five different session hosts
On the same session host
On three different session hosts