

AZ-140^{Q&As}

Configuring and Operating Windows Virtual Desktop on Microsoft Azure

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QUESTION 1

You have an Azure Virtual Desktop host pool named Pool1 that contains three session hosts. The session hosts are configured to use FSLogix profile containers.

You need to configure Cloud Cache on the session hosts.

What should you do?

- A. Add a VHDLocations entries to the Windows registry
- B. Remove VHDLocations entries from the Windows registry
- C. Uninstall the FSLogix agent
- D. Configure FSLogix Office Container

Correct Answer: B

Reference: <https://docs.microsoft.com/en-us/fslogix/configure-cloud-cache-tutorial>

QUESTION 2

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.

Correct Answer: B

With Azure AD DS successfully deployed, now configure the virtual network to allow other connected VMs and applications to use the managed domain. To provide this connectivity, update the DNS server settings for your virtual network to point to the two IP addresses where the managed domain is deployed.

Reference: <https://docs.microsoft.com/en-us/azure/active-directory-domain-services/tutorial-create-instance>

QUESTION 3

You have a hybrid Azure Active Directory (Azure AD) tenant.

You plan to deploy an Azure Virtual Desktop personal host pool. The host pool will contain 15 virtual machines that run Windows 10 Enterprise. The virtual machines will be joined to the on-premises Active Directory domain and used by the members of a domain group named Department1.

You need to ensure that each user is added automatically to the local Administrators group on the virtual machine to which the user signs in.

What should you configure?

- A. a role assignment for the host pool
- B. a role assignment for each virtual machine
- C. a policy preference in a Group Policy Object (GPO)
- D. a device setting in Azure AD

Correct Answer: C

https://microsoftlearning.github.io/AZ-140-Configuring-and-Operating-Microsoft-Azure-Virtual-Desktop/Instructions/Labs/LAB_04L01_Implement_and_manage_AVD_profiles_AADDS.html

QUESTION 4

You have an Azure subscription named Subscription that contains an Azure Virtual Desktop host pool named HostPool1.

HostPool1 is managed by using Microsoft Intune. Subscription1 contains 50 users that connect to HostPool1 by using computers that run Windows 10.

You need to prevent the users from copying files between an Azure Virtual Desktop session and the computers. The solution must minimize administrative effort.

What should you do?

- A. Modify the RDP properties of HostPool1.
- B. Create a Conditional Access policy in Azure Active Directory (Azure AD).
- C. Create a compliance policy in Intune.
- D. Create a configuration profile in Intune.

Correct Answer: A

QUESTION 5

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:

1.

A VPN connection to the main office

2.

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

Correct Answer: B

Reference: <https://docs.microsoft.com/en-us/azure/virtual-desktop/rdp-quality-of-service-qos>

QUESTION 6

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 7

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

Name	Description
Pool1	Pooled host pool
Host1	<ul style="list-style-type: none">Windows 11 session host in Pool1Has a system-assigned managed identity enabledHas a user-assigned managed identity named Managed1 enabled

You plan to enable Start VM on connect for Pool1.

You create a custom Azure role named Role1 that has sufficient permissions to start virtual machines on demand.

You need to ensure that the session hosts in Pool1 can start on demand.

To which service principal should you assign Role1?

- A. Managed1
- B. Azure Virtual Desktop
- C. Azure Automation
- D. Host1
- E. Azure Compute

Correct Answer: B

<https://learn.microsoft.com/en-us/azure/virtual-desktop/start-virtual-machine-connect?tabs=azure-portal#assign-the-desktop-virtualization-power-on-contributor-role-with-the-azure-portal>

QUESTION 8**HOTSPOT**

You are automating the deployment of an Azure Virtual Desktop host pool.

You deploy the Azure Resource Manager (ARM) template shown in the following exhibit.


```
1 {
2   "$schema": "https://schema.management.azure.com/schemas/2015-01-01/
deploymentTemplate.json#",
3   "contentVersion": "1.0.0.0",
4   "parameters": {
5     "hostpools_HostPool2_name": {
6       "defaultValue": "HostPool2",
7       "type": "String"
8     }
9   },
10  "variables": {},
11  "resources": [
12    {
13      "type": "Microsoft.DesktopVirtualization/hostpools",
14      "apiVersion": "2020-11-02-preview",
15      "name": "[parameters('hostpools_HostPool2_name')]",
16      "location": "eastus",
17      "properties": {
18        "hostPoolType": "Personal",
19        "personalDesktopAssignmentType": "Automatic",
20        "maxSessionLimit": 999999,
21        "loadBalancerType": "Persistent",
22        "validationEnvironment": false,
23        "registrationInfo": {
24          "registrationTokenOperation": "None"
25        },
26        "preferredAppGroupType": "Desktop",
27        "startVMOnConnect": false
28      }
29    }
30  ]
31 }
```

Use the drop-down menus to select the answer choice that completes each statement based on the information presented in the ARM template.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Each session host in HostPool2 can contain

	▼
1 session	
15 sessions	
99,999 sessions	

Each time a user connects, the user will connect to

	▼
a RemoteApp named Desktop	
a permanently assigned virtual machine	
a random virtual machine in the host pool	

Correct Answer:

Answer Area

Each session host in HostPool2 can contain

	▼
1 session	
15 sessions	
99,999 sessions	

Each time a user connects, the user will connect to

	▼
a RemoteApp named Desktop	
a permanently assigned virtual machine	
a random virtual machine in the host pool	

Reference: <https://docs.microsoft.com/en-us/azure/virtual-desktop/virtual-desktop-fall-2019/configure-host-pool-personal-desktop-assignment-type-2019> <https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/scenarios/wvd/eslz-platform-automation-and-devops>

QUESTION 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.

Correct Answer: C

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

QUESTION 10

You have an Azure Virtual Desktop deployment.

You deploy and configure Azure Virtual Desktop in a secondary location.

You plan to perform a test failover to the secondary location, but discover existing user sessions to the primary location.

You need to sign out users from the session hosts in the primary location.

Which PowerShell cmdlet should you run?

- A. Invoke-RdsUserSessionLogoff
- B. Remove-AzWvdUserSession
- C. Invoke-RestMethod
- D. Remove-Alias

Correct Answer: B

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

QUESTION 11

HOTSPOT

You have an Azure subscription.

You plan to deploy an Azure Virtual Desktop solution that will contain Windows 10 multi-session hosts in a single host pool. The solution has the requirements shown in the following table.

Requirement	Value
Total users	1,200
Shifts per day	3
Users per shift	400
User workload type	Medium
Concurrent users per session host	16

You need to configure the session host for the host pool. The solution must minimize costs.

How many session hosts should the host pool contain, and how many vCPUs should each session host have? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Session hosts:

25
75
400
1200

vCPUs per session host:

2
4
8
16

Correct Answer:

Session hosts:

25
75
400
1200

vCPUs per session host:


2
4
8
16

QUESTION 12

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

Correct 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

Box 1: 50

Max session limit is set to 10.

This is the maximum number of concurrent sessions on a host. For depth-first, once a VM hits 10 users, then the next VM will begin accepting users.

There are 5 VMs, so the maximum number of concurrent user sessions is 50 (10x5).

Box 2: On the same session host

The load balancing algorithm is set to depth-first.

The five user sessions will be created on the first session host.

Note: Depth-first load balancing allows you to saturate a session host with user sessions in a host pool. Once the first session host reaches its session limit threshold, the load balancer directs any new user connections to the next session

host in the host pool until it reaches its limit, and so on.

Reference:

<https://docs.microsoft.com/en-us/azure/virtual-desktop/host-pool-load-balancing>

<https://deviceadvice.io/2021/03/30/how-to-create-pooled-shared-windows-virtual-desktop-environment/>

QUESTION 13

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 14

You have an Azure Virtual Desktop deployment.

You plan to implement the Start/Stop VMs during off-hours feature.

You need to ensure that you can stop the session hosts automatically based on the CPU utilization.

What should you do on the session hosts?

- A. Install the Azure Virtual Desktop Agent
- B. Enable change tracking
- C. Configure the Power Management settings
- D. Configure the Diagnostic settings

Correct Answer: D

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

QUESTION 15

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.

Select and Place:

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

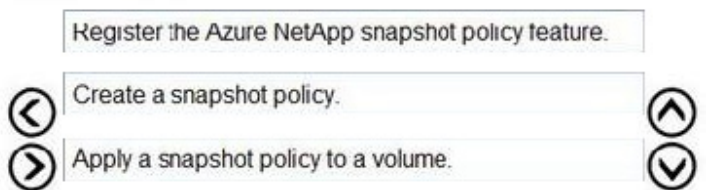


Correct Answer:

Actions

- Create an Azure NetApp account.
- Register the NetApp Resource Provider.
-
-
-

Answer Area



Reference: <https://docs.microsoft.com/en-us/azure/azure-netapp-files/azure-netapp-files-manage-snapshots>