

# Exam Session - Knowledge Check: Designing for Azure Virtual Desktop User Identities and Profiles

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#1

Which of the following statements is true about both Azure Files and Azure NetApp Files?



They support Ultra and Premium disks.



They support Active Directory Domain Services and Azure AD DS.



They allow for customer-managed or Microsoft-managed keys.



They support REST protocols.

Explanation

With regards to identity-based authentication and authorization, both Azure Files and Azure NetApp Files support Active Directory Domain Services and Azure AD DS.

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#2

An individual VPN user connecting into Azure is known as a \_\_\_\_\_ VPN connection.



point-to-point



point-to-site



site-to-site



site-to-point

Explanation

A shared VPN connection into Azure can be point-to-site, which is an individual VPN user connecting into Azure, or a site-to-site VPN connection, which is an on-premise office network or some location with a VPN device like a router connecting into Azure.

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#3

To get the most out of Azure AD Connect, you need at least an Azure AD \_\_\_\_\_ license.



P1



P2



P3



P4

Explanation

Although Azure AD Connect is a free tool and is included as part of your Azure subscription, to get the best out of this tool, including the health capability, you need at least an Azure AD P1 license.

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#4

\_\_\_\_\_ are a remote profile solution that is installed on the Azure Virtual Desktop sessions hosts.



Network Security Groups



FSLogix Profile Containers



Active Directory Domain Services



FSLogix Office Containers

Explanation

We are going to discuss FSLogix profile containers. This is a remote profile solution that is installed on the Azure Virtual Desktop sessions hosts.



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#5

Fill in the blanks: Azure Files is accessible from \_\_\_\_\_; Azure NetApp Files is accessible from \_\_\_\_\_.



Express Route, Express Route



Express Route, VPN Gateway



VPN Gateway, Express Route



VPN Gateway and Express Route, VPN Gateway and Express Route

Explanation

When we look at network access differences, both Azure Files and Azure NetApp Files are accessible from VPN Gateway and Express Route.

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#6

Azure Files \_\_\_\_\_.



can be potentially accessed from the Internet



only allows for Microsoft-managed keys for all protocols



offers a much better performance experience compared to Azure NetApp Files



has SMB, NFS, and dual-protocol access

Explanation

When we look at network access differences, both Azure Files and Azure NetApp Files are accessible from VPN Gateway and Express Route. However, only Azure Files can be potentially accessed from the Internet.

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#7

In Azure Virtual Desktop, \_\_\_\_\_ provide(s) the user with an enhanced experience when using Office apps.



the Office Integration Agent



FSLogix Office Containers



the Windows Integration Client



## FSLogix Profile Containers

### Explanation

In the final part of this module, we are going to discuss FSLogix Office Containers. This is also a form of profile redirection; however, it is specific to Microsoft Office-related data only. Office Containers allow the user to have an enhanced experience when using Office apps, but the best practice recommendation is to implement it with another profile solution.

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#8

Which Azure AD Connect synchronization option is best if you want your users to have the same login credentials, both on-premises and in the cloud?



health



pass-through authentication



password hash



ADFS

### Explanation

If you want your users to have the same login credentials, both on-premises and in the cloud, then pass-through authentication, or PTA, is the most sensible choice for your organization.

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#9

A(n) \_\_\_\_\_ is a private connection between your organization's on-premises location and the Azure data center.



Azure VPN Connection



Azure Active Directory



VPN Gateway



Azure ExpressRoute

Explanation

Let's compare a VPN Gateway to an ExpressRoute. This is a private connection between your organization's on-premises location and the Azure data center.

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#10

Fill in the blanks: From an Azure Virtual Desktop perspective, \_\_\_\_\_ is utilized to facilitate user profiles, and integrates with \_\_\_\_\_ to give a smooth roaming profile experience to the end user.



FSLogix, Virtual Desktop



Azure Files, FSLogix



Virtual Desktop, Azure Files



Azure NetApp Files, Azure Files

Explanation

From an Azure Virtual Desktop perspective, Azure Files is utilized to facilitate user profiles, and integrates with FSLogix to give a smooth roaming profile experience to the end user.

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#11

Which of the following statements about Azure Files and Azure NetApp Files is true?



Azure NetApp Files is Azure native.



Azure Files supports Ultra and Premium disks and has much higher IOPS and throughput than Azure NetApp Files.



For Azure Files, identity-based authorization is only supported when utilizing the SMB protocol.



Azure NetApp Files allows for customer-managed or Microsoft-managed keys, whereas Azure Files only allows for Microsoft-managed keys for all protocols.

Explanation

When we look at encryption, Azure Files allows for customer-managed or Microsoft-managed keys, whereas Azure NetApp Files only allows for Microsoft-managed keys for all protocols. From a performance perspective, NetApp Files supports Ultra and Premium disks and has much more higher IOPS and throughput, and therefore offers a much better performance experience compared to Azure Files. Like Azure Files, Azure NetApp Files is also a cloud-hosted file share as a service; however, it is NetApp technology rather than Azure native.



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#12

Which Azure AD Connect synchronization option is best if you are just looking to improve user productivity?



health



pass-through authentication



password hash



ADFS

Explanation

If you are just looking to improve user productivity, then password hash synchronization is the most relevant choice for your organization.

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#13

Which of the following actions is not a recommended best practice in an Azure Virtual Desktop environment?



Utilize virtual network appliances where possible.



Use Azure AD features like conditional access and just-in-time access to mitigate any security risks.



Provision only one subnet.



Provision virtual networks to the closest region where the user will be situated.

Explanation

It's always recommended to provision virtual networks to the closest region where the user will be situated. Make sure to provision multiple subnets. Use Azure AD features like conditional access and just-in-time access to mitigate any security risks. The final best practice recommendation is to utilize virtual network appliances where possible.

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#14



The \_\_\_\_\_ synchronization option for Azure AD Connect allows organizations to enforce their on-premises AD security and password policies without the need for extra infrastructure.



health



pass-through authentication



password hash



ADFS

Explanation

The second synchronization option is called pass-through authentication, or PTA. This has the same features as password hash, but in addition it allows organizations to enforce their on-premises AD security and password policies without the need for extra infrastructure.

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#15

Which Azure AD Connect synchronization option requires much more additional on-premises infrastructure than the other options?



health



pass-through authentication



password hash



ADFS

Explanation

The final synchronization option is Active Directory Federation Services, or ADFS. With ADFS you get all the same features as pass-through, but much more integration with 3rd-party MFA providers and ADFS claims. It also requires much more additional on-premises infrastructure than password hash and pass-through authentication.

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