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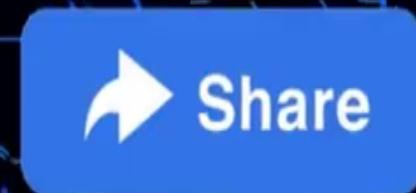
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Azure Files is an example of Infrastructure as service (IaaS)

Yes

No

Q401: Azure Files is an example of Infrastructure as service (IaaS)

Yes

No.

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What is Azure Files?

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Azure Files offers fully managed file shares in the cloud that are accessible via the industry standard [Server Message Block \(SMB\) protocol](#), [Network File System \(NFS\) protocol](#), and [Azure Files REST API](#). Azure file shares can be mounted concurrently by cloud or on-premises deployments. SMB Azure file shares are accessible from Windows, Linux, and macOS clients. NFS Azure file shares are accessible from Linux clients. Additionally, SMB Azure file shares can be cached on Windows servers with [Azure File Sync](#) for fast access near where the data is being used.

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Here are some videos on common use cases for Azure Files:

- Replace your file server with a serverless Azure file share ↗

Q401: Azure Files is an example of Infrastructure as service (IaaS)

Yes

No

Q402: A DNS server that runs on an Azure Virtual machine is an example of Platform as service (PaaS)

Yes

No

Q403: If you have Azure resources deployed to every region, you can implement availability zones in all the regions

Yes

No 

Q403: If you have Azure resources deployed to every region, you can implement availability zones in all the regions

Yes

No

Not every region has multiple Availability Zone.
Some regions may have only one Availability Zone.

Q404: Only virtual machines that run Windows Server can be created in availability zones

Yes

No

Regions that support availability zones support Linux virtual machines.

Q405: Availability zones are used to replicate data and applications to multiple regions

Yes

No

Q405: Availability zones are used to replicate data and applications to multiple regions

Yes

No

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region.

Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking.



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EP8

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Infrastructure



Q406: Data that is stored in an Azure Storage account automatically has at least three copies.

Yes

No

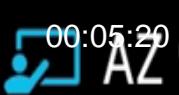
Q406: Data that is stored in an Azure Storage account automatically has at least three copies.

Yes

No

There are different replication options available with a storage account. The ‘minimum’ replication option is Locally Redundant Storage (LRS). With LRS, data is replicated synchronously three times within the primary region.





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Q407: All the data that is copied to an Azure storage account is backed up automatically to another Azure data center

Yes No 

Q407: All the data that is copied to an Azure storage account is backed up automatically to another Azure data center

Yes

No

Data is not backed up automatically to another Azure Data Center although it can be depending on the replication option configured for the account.

It is important to understand that these replication options are not the same as backup either. Backup involves creating a separate copy of data, typically to a different storage system, and maintaining multiple versions over time to protect against data loss, corruption, or deletion. Azure provides various backup solutions for protecting data, such as Azure Backup, Azure Site Recovery, and Azure VM backup.



Q408: An Azure Storage account can contain up to 2 TB of data and up to one million files.

Yes No

Q408: An Azure Storage account can contain up to 2 TB of data and up to one million files.

Yes

No *

The limits are much higher than that. The current storage limit is 2 PB for US and Europe, and 500 TB for all other regions (including the UK) with no limit on the number of files.



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Statement: You plan to deploy a critical line-of-business application to Azure. The application will run on an Azure virtual machine. You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent.

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Statement: You plan to deploy a critical line-of-business application to Azure. The application will run on an Azure virtual machine. You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent.

Q409: What is the minimum number of virtual machines you should recommend for the deployment?

- 1
- 2
- 3
- 5

Q410: What is the minimum number of availability zones you should recommend for the deployment?

- 0
- 1
- 2
- 3



Statement: You plan to deploy a critical line-of-business application to Azure. The application will run on an Azure virtual machine. You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent.

Q409: What is the minimum number of virtual machines you should recommend for the deployment?

- 1
- 2
- 3
- 5

Q410: What is the minimum number of availability zones you should recommend for the deployment?

- 0
- 1
- 2
- 3



Q411: All the Azure resources deployed to a resource group must use the same Azure region.

Yes No

Q411: All the Azure resources deployed to a resource group must use the same Azure region.

Yes

No

Azure resources deployed to a single resource group can be in different regions. The resource group only contains metadata about the resources it contains. There is no restriction of having same location for the resources as the resource group.

Q412: If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.

Yes

No

Tags are not inherited by default.

Q413: If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.

Yes

No

Q413: If you assign permissions for a user to manage a resource group, the user can manage all the Azure resources in that resource group.

Yes

No

Permissions set at the resource group level are inherited by the resources in the resource group.



Q414: Availability zones can be implemented in all Azure regions.

[] Yes [] No



Not all Azure regions support availability zones.

Q415: Only virtual machines that run Windows Server can be created in availability zones.

Yes

No

Q415: Only virtual machines that run Windows Server can be created in availability zones.

Yes

No

Q415: Only virtual machines that run Windows Server can be created in availability zones.

Yes

No

Azure support Linux as well. 

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Q416: Availability zones are used to replicate data and applications to multiple regions.

Yes

No

Q416: Availability zones are used to replicate data and applications to multiple regions.

Yes

No *

Availability Zones are unique physical locations within a single Azure region.

Q417: You can use 'Azure Policy' to download published audit reports and how Microsoft builds and operates its cloud services?

Yes

No

Q418: You can use 'Service Trust Portal' to download published audit reports and how Microsoft builds and operates its cloud services?

Yes

No

Q419: Authentication confirms the identity of a person who wants access.

Yes

No

Authentication - To confirm the identity of a person who wants access.

Q420: Authorization grants the proper access to a legitimate user.

Yes

No

Q420: Authorization grants the proper access to a legitimate user.

Yes

No



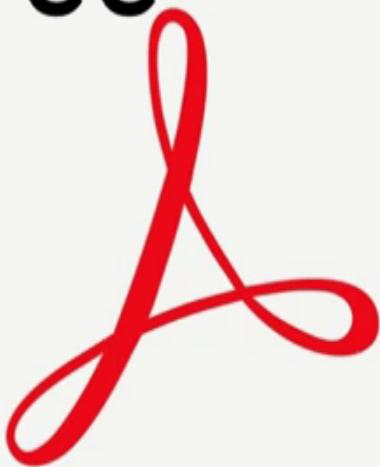
Q: 387

Q: 411

Authorization is the process of establishing what level of access a legitimate user or service should have.



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Part 21	Part 22
Q: 381	Q: 403
Q: 387	Q: 411
Q: 400	Q: 420

