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## Practice Test 1

Completed on 04-February-2021



Attempt



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Result

16

0 / 55

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## Domains wise Quiz Performance Report

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No	Domain	Total Question	Correct	Incorrect	Unattempted	Marked as Review
1	Describe core solutions and management tools on Azure	11	0	1	10	0
2	Describe identity, governance, privacy, and compliance features	11	0	0	11	0
3	Describe Azure cost management and Service Level Agreements	15	0	0	15	0
4	Describe core Azure services	11	0	0	11	0
5	Describe cloud concepts	5	0	0	5	0
6	Describe general security and network security features	2	0	0	2	0
Total	All Domain	55	0	1	54	0

Review the Answers

Sorting by

All

## Question 1

Unattempted

Domain :Describe core solutions and management tools on Azure

An IT Engineer needs to create a Virtual Machine in Azure. Currently, the IT Engineer has an Android OS based workstation. Which of the following can the IT Engineer use to create the desired Virtual Machine in Azure? [SELECT THREE]

- A. Microsoft PowerApps
- B. Azure Cloud Shell
- C. Azure Powershell
- D. Azure CLI

---

**Explanation:**

Correct Answers – B, C, and D

On an Android OS, one can go to the Portal and launch Azure Cloud Shell as shown below.

WebView Browser Tester 58.0.3029.125

https://portal.azure.com/#@demousr2016gmail.onmicrosoft.com

Microsoft Azure

All resources

email alert

NetworkWatcher\_centralus

whizlabs-action

Welcome to Azure Cloud Shell

Select Bash or PowerShell. You can change shells any time via the environment selector in the Cloud Shell toolbar. The most recently used environment will be the default for your next session.

Bash | PowerShell

Option A is incorrect since PowerApps would not be used to create Virtual Machines.

Remaining All Options are Correct i.e. B, C and D are correct.

The Azure mobile app allows you to choose your preferred CLI experience between Bash and PowerShell. So the answer is Cloudshell + Powershell.

The Azure mobile app comes with Cloud Shell integration. You can execute commands and use your saved scripts giving you an unparalleled ability to control your Azure environment anywhere.

The Azure mobile app allows you to choose your preferred CLI experience between Bash and PowerShell.

<https://azure.microsoft.com/en-in/blog/azure-mobile-app-now-generally-available/#:~:text=The%20Azure%20mobile%20app%20allows,experience%20between%20Bash%20and%20PowerShell>

<https://azure.microsoft.com/en-us/features/cloud-shell/>

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**Question 2**

**Unattempted**

**Domain :Describe identity, governance, privacy, and compliance features**

Which of the following is true regarding the services offered as part of "Azure Germany"?

- A. Azure Germany is a physically isolated instance of Microsoft Azure. It uses world-class security and compliance services that are critical to German data privacy regulations for all systems and applications built on its architecture. 
- B. Can be used by all customers globally
- C. All customers who reside in the EU
- D. All customers who intend to do business in the EU 

---

**Explanation:**

Answer - A & D

This is mentioned in the Microsoft documentation.

"Microsoft Azure Germany delivers a cloud platform built on the foundational principles of security, privacy, compliance, and transparency. Azure Germany is a physically isolated instance of Microsoft Azure. It uses world-class security and compliance services that are critical to German data privacy regulations for all systems and applications built on its architecture."

Also, Azure Germany is available to eligible customers and partners globally who intend to do business in the EU/EFTA, including the United Kingdom. But since **August 2018**, we have not

been accepting new customers or deploying any new features and services into the original Microsoft Cloud Germany locations.

Since this is clearly mentioned, other options B& C are incorrect.

For more information on Azure Germany, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/germany/germany-welcome>

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**Question 3**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company is planning to set up an Azure Free Account. Does the Standard Support plan come along with the Azure Free Account?

- A. Yes
- B. No 

---

**Explanation:**

Answer – B

Basic support plan is the default one which is associated with all Azure accounts. In order to have a Standard Support Plan, it needs to be purchased.

## Compare support plans

Explore the range of Azure support options and choose the plan that best fits, whether you are a developer just starting your cloud journey or a large organisation deploying business-critical, strategic applications.

If you are looking for a comprehensive, organisation-wide support plan that includes Azure, Microsoft 365 and Dynamics 365, explore [enterprise support](#).

	Basic	DEVELOPER	STANDARD	PROFESSIONAL DIRECT
	<a href="#">Request support</a>	<a href="#">Purchase support</a>	<a href="#">Purchase support</a>	<a href="#">Purchase support</a>
Price	Included for all Azure customers	₹1,916.792 per month	₹6,609.625 per month	₹66,096.25 per month
Scope	Included for all Azure customers	Trial and non-production environments	Production workload environments	Business-critical dependence
Billing and subscription management support	✓	✓	✓	✓
24/7 self-help resources, including <a href="#">Microsoft Learn</a> , <a href="#">Azure portal how-to videos</a> , <a href="#">documentation</a> and <a href="#">community support</a>	✓	✓	✓	✓
Ability to submit as many support tickets as you need	✓	✓	✓	✓
Azure Advisor – your free personalised				

For more information on the comparison of Support plans, please visit the below URL-

<https://azure.microsoft.com/en-us/support/plans/>

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**Question 4**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company is planning to use its Azure Free Account for hosting production-based resources.

Does the Azure Free Account allow you to host production-based resources?

A. Yes 

B. No

#### Explanation:

Answer – A

Yes, you can, although you need to understand that you will need to pay for any extra charges that don't come under the Free Account conditions.

This is also mentioned in the Microsoft documentation.

#### Can the Azure free account be used for production or only for development?

The Azure free account provides access to all Azure products and does not block customers from building their ideas into production. The Azure free account includes certain products—and specific quantities of those products—for free. To enable your production scenarios, you may need to use resources beyond the free amounts. You'll be billed for those additional resources at the pay-as-you-go service rates.

For more information on the Azure Free Account, please visit the below URL-

<https://azure.microsoft.com/en-us/free/free-account-faq/>

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#### Question 5

Unattempted

Domain :Describe identity, governance, privacy, and compliance features

Your company is planning to use Azure AD for authentication of the resources defined in Azure. Does Azure AD have capabilities to implement authorization using Azure RBAC to secure resources?

A. Yes 

B. No

#### Explanation:

Answer – A

For authentication, there are multiple ways to secure the sign-in process. As shown in the Microsoft documentation below, you can use additional security options such as Security questions, Multi-Factor authentication etc.

Azure AD self-service password reset (SSPR) and Multi-Factor Authentication (MFA) may ask for additional information, known as authentication methods or security info, to confirm you are who you say you are when using the associated features.

Administrators can define in policy which authentication methods are available to users of SSPR and MFA. Some authentication methods may not be available to all features.

Microsoft highly recommends Administrators enable users to select more than the minimum required number of authentication methods in case they do not have access to one.

Authentication Method	Usage
Password	MFA and SSPR
Security questions	SSPR Only
Email address	SSPR Only
Microsoft Authenticator app	MFA and public preview for SSPR
OATH Hardware token	Public preview for MFA and SSPR
SMS	MFA and SSPR
Voice call	MFA and SSPR
App passwords	MFA only in certain cases

For authorization, you can use the various roles available in Azure. Below is the concept behind Role-based access control in Azure.

# Role-based access control documentation

Role-based access control (RBAC) is a system that provides fine-grained access management of resources in Azure. Using RBAC, you can segregate duties within your team and grant only the amount of access to users that they need to perform their jobs.

For more information on Role-based access control and authentication, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/storage/common/storage-auth-aad#assign-rbac-roles-for-access-rights>

<https://docs.microsoft.com/en-us/azure/storage/common/storage-auth-aad-app?toc=/azure/storage/blobs/toc.json>

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**Question 6**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company is planning to purchase Azure AD tier Premium P2 for their Azure account. Does the Azure AD Premium P2 tier come with an SLA of 99.9%?

A. Yes 

B. No

**Explanation:**

Answer – A

Yes, this is also mentioned in the Microsoft documentation.

# SLA for Azure Active Directory

Last updated: June 2015

We guarantee at least 99.9% availability of the Azure Active Directory Basic and Premium services. The services are considered available in the following scenarios:

- Users are able to login to the service, login to the Access Panel, access applications on the Access Panel and reset passwords.
- IT administrators are able to create, read, write and delete entries in the directory or provision or de-provision users to applications in the directory.

No SLA is provided for the Free tier of Azure Active Directory.

For more information on Azure AD SLA, please visit the below URL-

[https://azure.microsoft.com/en-us/support/legal/sla/active-directory/v1\\_0/](https://azure.microsoft.com/en-us/support/legal/sla/active-directory/v1_0/)

<https://azure.microsoft.com/en-us/pricing/details/active-directory/>

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**Question 7**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company is planning to upgrade its current Azure AD Free plan to the Azure AD Premium P1 plan. Does Microsoft provide the same feature set for both plans?

A. Yes

B. No 

---

**Explanation:**

Answer – B

The support plans have different feature sets.

The Microsoft documentation mentions the following.

## Pricing details

Azure Active Directory comes in four editions—Free, Office 365 apps, Premium P1, and Premium P2. The Free edition is included with a subscription of a commercial online service, e.g. Azure, Dynamics 365, Intune, and Power Platform. Office 365 subscriptions include the Free edition, but Office 365 E1, E3, E5, F1 and F3 subscriptions also include the features listed under the Office 365 apps column. The Premium editions are available through your Microsoft representative, the [Open Volume License Program](#), and the [Cloud Solution Providers](#) program. Azure and Office 365 subscribers can also buy Azure Active Directory Premium P1 and P2 online. [Sign in](#) here to purchase.

Below link provides more information about features supported in different Azure AD plans with their pricing details.

<https://azure.microsoft.com/en-us/pricing/details/active-directory>

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**Question 8**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company wants to try out some services which are being offered by Azure in Public Preview. Do the services in Public Preview in Azure come with an SLA?

- A. Yes
- B. No 

---

**Explanation:**

Answer – B

This is mentioned in the Microsoft documentation.

# Supplemental Terms of Use for Microsoft Azure Previews

Last updated: December 2018

Azure may include preview, beta, or other pre-release features, services, software, or regions offered by Microsoft to obtain customer feedback ("Previews"). Previews are made available to you on the condition that you agree to these terms of use, which supplement [your agreement](#) governing use of Azure.

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For more information on Azure services preview terms, please visit the below URL-

<https://azure.microsoft.com/en-us/support/legal/preview-supplemental-terms/>

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**Question 9**

**Unattempted**

Domain :Describe Azure cost management and Service Level Agreements

A company wants to try out some services which are being offered by Azure in preview. Does Microsoft provide a separate portal for Azure portal specific previews?

- A. Yes
- B. No 

**Explanation:**

**Answer – B**

We can see all the previews of Azure in the Azure portal only. However, there is a separate portal available (<https://preview.portal.azure.com/#home>) which is used for basic evaluation of preview services but not for actual use of them.

The screenshot shows the Microsoft Azure Logic Apps preview portal. At the top, there's a search bar with the placeholder "Logic apps preview". Below the search bar, the page title is "Logic App (Preview)". On the left, there's a navigation bar with links for "Create", "Manage view", "Refresh", "Export to CSV", and "Open query". The main content area has sections for "Services", "See all", "Marketplace", "Documentation", "Resource Groups", and "No results were found.". Under "Services", there are several items listed: "Logic App (Preview)" (selected), "Logic apps", "AppDynamics", "Appliances", "Solutions", "Schemas", "Snapshots", "Logic Apps Custom Connector", "Preview features", "Static Web Apps (Preview)", and "App Configuration".

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### Question 10

Unattempted

Domain :Describe core Azure services

Your company needs to deploy and manage several Azure Web apps using the Azure App service resource. Which of the following URL would you use to manage the Azure Web Apps?

- A. <https://portal.microsoft.com>
- B. <https://portal.azure.com>
- C. <https://portal.azurewebsites.net>
- D. <https://portal.azurewebsites.com>

### Explanation:

Answer – B

If you need to create and manage Azure Web apps, then you can do that from the Azure portal as shown below.

The screenshot shows the Microsoft Azure portal interface. At the top, the URL <https://portal.azure.com/#create/hub> is displayed in the address bar, with a red box and arrow highlighting it. The main content area is titled 'New' and shows the 'Azure Marketplace' section. Under 'Azure Marketplace', there are several categories: 'Get started', 'Recently created', 'Compute', 'Networking', 'Storage', 'Web' (which is highlighted with a dashed blue box), 'Mobile', 'Containers', 'Databases', 'Analytics', and 'AI + Machine Learning'. Each category has a corresponding icon and a 'Quickstart tutorial' link. The 'Web' category is specifically highlighted with a dashed blue box.

The URL for the Azure portal is <https://portal.azure.com>

For more information on the Azure portal, please visit the below URL-

<https://azure.microsoft.com/en-us/features/azure-portal/>

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**Question 11****Unattempted****Domain :Describe core Azure services**

A company needs to store 2 TB worth of data that is infrequently used. The data needs to be accessed via Power BI. Which of the following could be used as a cost-effective data layer for this requirement?

- A. Azure SQL databases
- B. Azure PostgreSQL
- C. Azure Cosmos DB
- D. Azure Data Lake 

---

**Explanation:**

Answer - D

And then you can replace the answer text with the following.

If you are looking at storing data that is not frequently used, you can use the Azure Data Lake service.

The Microsoft documentation mentions the following.

## Connect Azure Data Lake Storage Gen2 for dataflow storage

01/22/2020 • 7 minutes to read • 

You can configure Power BI workspaces to store dataflows in your organization's Azure Data Lake Storage Gen2 account. This article describes the general steps necessary to do so, and provides guidance and best practices along the way. There are some advantages to configuring workspaces to store dataflow definitions and datafiles in your data lake, including the following:

- Azure Data Lake Storage Gen2 provides an enormously scalable storage facility for data
- Dataflow data and definition files can be leveraged by your IT department's developers to leverage Azure Data and artificial intelligence (AI) services as demonstrated in the [GitHub samples from Azure Data Services](#)
- Enables developers in your organization to integrate dataflow data into internal applications, and line-of-business solutions, using developer resources for dataflows and Azure

To use Azure Data Lake Storage Gen2 for dataflows, you need the following:

- **Power BI tenant** - at least one account in your Azure Active Directory (AAD) tenant must have signed up for Power BI

You should use Azure SQL, Azure PostgreSQL or Cosmos DB for frequently accessed data.

For more detailed information related to pricing of Azure Data Lake Storage, please visit the following URL-

<https://azure.microsoft.com/en-us/pricing/details/storage/>

For more information on using Power BI with Azure Data Lake Storage, please visit the following URL-

<https://docs.microsoft.com/en-us/power-bi/service-dataflows-connect-azure-data-lake-storage-gen2>

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**Question 12**

**Unattempted**

Domain :Describe cloud concepts

A company wants to ensure that users in their company are authenticated when they access resources defined in their Azure account. Which of the following is the correct definition of authentication?

- A. This specifies the type of service you can use in Azure.
- B. This specifies the type of data you can use in Azure.
- C. This is the act of providing legitimate credentials. 
- D. This specifies what you can do in Azure.

---

**Explanation:**

Answer - C

The definition of Authentication and Authorization is given in the Microsoft documentation.

# What is authentication?

09/24/2018 • 6 minutes to read • Contributors 

*Authentication* is the act of challenging a party for legitimate credentials, providing the basis for creation of a security principal to be used for identity and access control. In simpler terms, it's the process of proving you are who you say you are. Authentication is sometimes shortened to AuthN.

*Authorization* is the act of granting an authenticated security principal permission to do something. It specifies what data you're allowed to access and what you can do with it. Authorization is sometimes shortened to AuthZ.

The other options are all incorrect because these are all user cases of Authorization.

For more information on authentication, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/active-directory/develop/authentication-scenarios>

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**Question 13**

**Unattempted**

Domain :Describe cloud concepts

A company is planning to create several Virtual Machines in Azure. Which of the following is the right category to which the Azure Virtual Machine belongs?

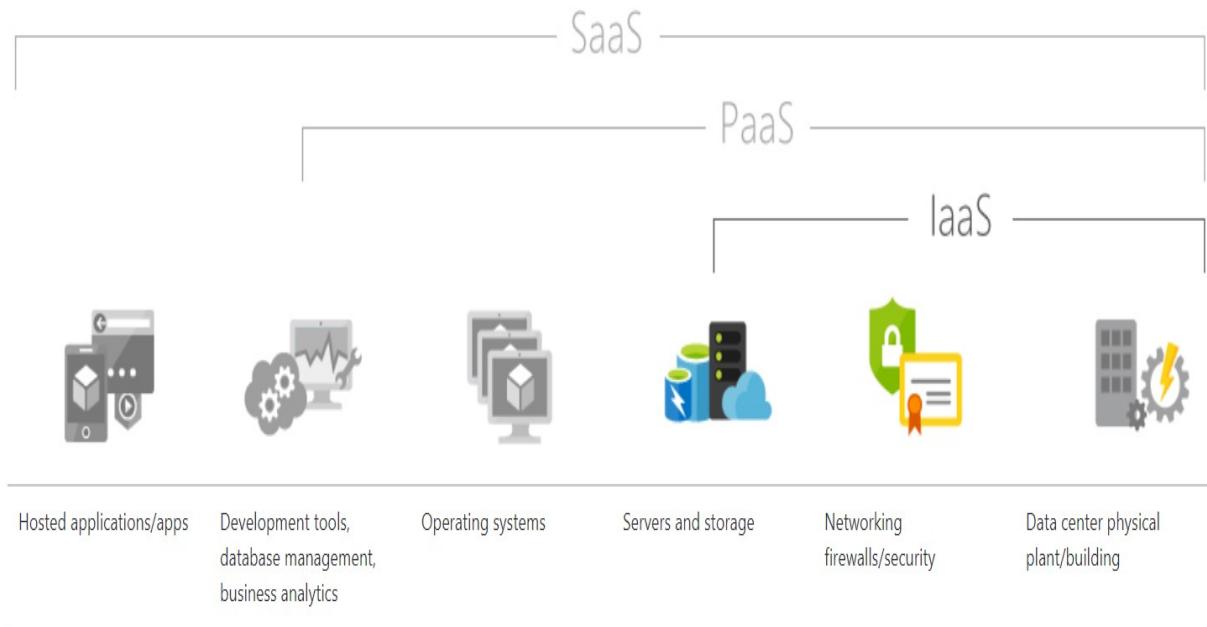
- A. Infrastructure as a service (IaaS) 
- B. Platform as a service (PaaS)
- C. Software as a service (SaaS)
- D. Function as a service (FaaS)

---

**Explanation:**

Answer – A

The Microsoft documentation gives an example of the difference between IaaS, PaaS and SaaS, as shown below.



IaaS constitutes the Infrastructure which constitutes your Azure Virtual Machines.

Since this is clearly shown, all other options are incorrect.

For more information on what is IaaS, please visit the below URL-

<https://azure.microsoft.com/en-us/overview/what-is-iaas/>

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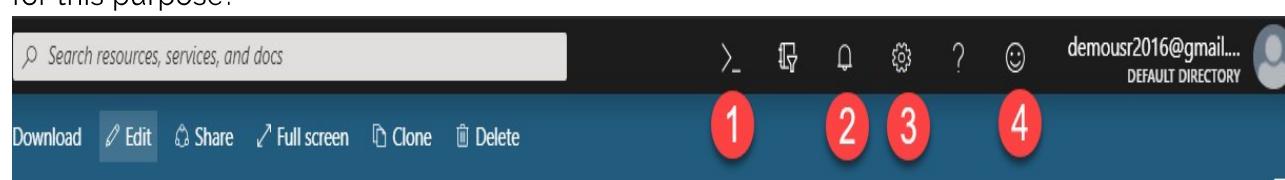
open ▾

Question 14

Unattempted

Domain :Describe core solutions and management tools on Azure

An IT Engineer needs to use Azure Cloud Shell. Which of the following icons would you use for this purpose?



A. Option 1

B. Option 2

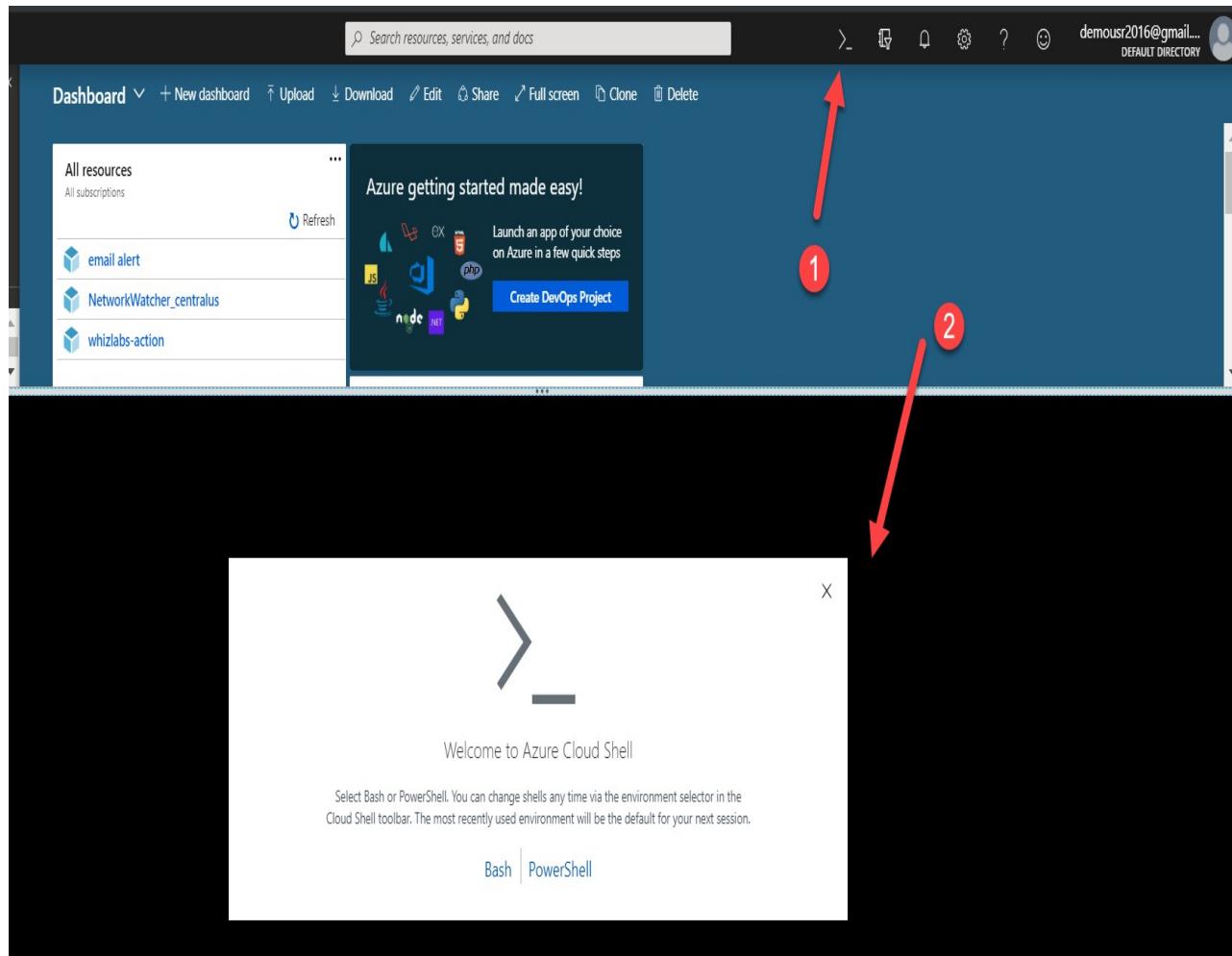
C. Option 3

D. Option 4

### Explanation:

Answer – A

You would use the symbol shown below to access Azure Cloud Shell.



Since this is clearly shown, all other options are incorrect.

For more information on Azure Cloud shell, please visit the below URL-

<https://azure.microsoft.com/en-us/features/cloud-shell/>

Option B is INCORRECT because this option is for "Notifications".

Option C is INCORRECT because this option is for "Settings".

Option D is INCORRECT because this option is for "Feedback".

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**Question 15****Unattempted**

Domain :Describe core Azure services

A company needs to create around 50 customized Virtual Machines. Out of these only 20 are Windows-based Virtual machines which are identical, and 30 are Ubuntu Machines again of identical configuration. Which of the following would help reduce the administrative effort required to deploy the machines?

- A. Azure Load Balancer
- B. Azure Web Apps
- C. Azure Traffic Manager
- D. Azure ScaleSets 

**Explanation:**

Answer – D

The Microsoft documentation mentions the following.

- Easy to create and manage multiple VMs
  - When you have many VMs that run your application, it's important to maintain a consistent configuration across your environment. For reliable performance of your application, the VM size, disk configuration, and application installs should match across all VMs.
  - With scale sets, all VM instances are created from the same base OS image and configuration. This approach lets you easily manage hundreds of VMs without additional configuration tasks or network management.
  - Scale sets support the use of the [Azure load balancer](#) for basic layer-4 traffic distribution, and [Azure Application Gateway](#) for more advanced layer-7 traffic distribution and SSL termination.

Option A is incorrect since this is used to divert traffic to back end virtual machines at the network layer.

Option B is incorrect since it is used to host web applications.

Option C is incorrect since this is used for DNS based traffic routing.

For more information on Virtual Machine Scale sets, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/overview>

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### Question 16

**Unattempted**

**Domain :Describe identity, governance, privacy, and compliance features**

A company wants to use Azure for the deployment of various solutions. They want to ensure that whenever users authenticate to Azure, they have to make use of Multi-Factor Authentication. Which of the following can help them achieve this?

- A. Azure Service Trust Portal
- B. Azure Security Centre
- C. Azure DDoS protection
- D. Azure Privileged Identity Management 

### Explanation:

Answer – D

With Azure Privileged Identity Management, you can use Multi-factor authentication (MFA) to activate any role for users. The Microsoft documentation mentions the following.

## What does it do?

Privileged Identity Management provides time-based and approval-based role activation to mitigate the risks of excessive, unnecessary, or misused access permissions on resources that you care about. Here are some of the key features of Privileged Identity Management:

- Provide **just-in-time** privileged access to Azure AD and Azure resources
- Assign **time-bound** access to resources using start and end dates
- Require **approval** to activate privileged roles
- Enforce **multi-factor authentication** to activate any role
- Use **justification** to understand why users activate
- Get **notifications** when privileged roles are activated
- Conduct **access reviews** to ensure users still need roles
- Download **audit history** for internal or external audit

Option A is incorrect since Service Trust Portal provides information about Microsoft Cloud services compliance with data protection standards and regulatory requirements, such as International Organization for Standardization (ISO) **Service** Organization Controls (SOC) National Institute of Standards and Technology (NIST).

Option B is incorrect since this is a unified infrastructure security management system in Azure.

Option C is incorrect since this is solely a solution to protect against DDoS attacks.

For more information on how to use MFA policies in Azure Privileged Identity Management, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/active-directory/privileged-identity-management/pim-configure>

For more information on MFA and its configuration, please visit below URL-

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-mfa-howitworks>

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Question 17

Unattempted

Domain :Describe Azure cost management and Service Level Agreements

A company is planning to host 2 Virtual Machines in Azure, as shown below.

Virtual Machine Name	Virtual Machine Size
demovm	B1S
demovm1	B1S

When the virtual machine demovm is stopped, you will still incur costs for the storage attached to the virtual machine. Is this the correct understanding?

A. Yes

B. No

**Explanation:**

Answer – A

The Disks attached to a Virtual Machine have different costs associated with them.

Below is a screenshot from the pricing calculator for a Virtual Machine. You can see that there is a dependency on the OS Disk.

The screenshot shows the 'Managed OS Disks' section of the Azure Pricing Calculator. It includes fields for TIER (Standard HDD), DISK SIZE (S4: 32 GiB, \$1.536/month), and an 'ADD SNAPSHOT' button. Below this, a summary shows 1 disk at \$1.54 per month totaling \$1.54. The 'Storage transactions' section shows 100,000 transaction units (10,000 transactions) at \$0.0005 per unit totaling \$50.00.

Category	Value	Unit	Total Cost
Disks	1	\$1.54	\$1.54
Per month			
Storage transactions	100000	\$0.0005	\$50.00
Transaction units (10,000 transactions)		Per unit	

For more information on the pricing calculator, please visit the below URL-

<https://azure.microsoft.com/en-us/pricing/calculator/>

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**Question 18**

**Unattempted**

Domain :Describe cloud concepts

Which of the following is true when it comes to SaaS (Software as a service)?

- A. You are responsible for scalability of the solution.

- B. You are responsible for the maintenance of the underlying hardware.
- C. You are responsible for configuring the application settings for client-specific customization. 
- D. You are responsible for the high availability of the solution.

### Explanation:

Answer – C

Below is a snapshot from the Microsoft documentation on SaaS solutions.

#### Advantages of SaaS

**Gain access to sophisticated applications.** To provide SaaS apps to users, you don't need to purchase, install, update, or maintain any hardware, middleware, or software. SaaS makes even sophisticated enterprise applications, such as ERP and CRM, affordable for organizations that lack the resources to buy, deploy, and manage the required infrastructure and software themselves.

**Pay only for what you use.** You also save money because the SaaS service automatically scales up and down according to the level of usage.

**Use free client software.** Users can run most SaaS apps directly from their web browser without needing to download and install any software, although some apps require plugins. This means that you don't need to purchase and install special software for your users.

**Mobilize your workforce easily.** SaaS makes it easy to "mobilize" your workforce because users can access SaaS apps and data from any Internet-connected computer or mobile device. You don't need to worry about developing apps to run on different types of computers and devices because the service provider has already done so. In addition, you don't need to bring special expertise onboard to manage the security issues inherent in mobile computing. A carefully chosen service provider will ensure the security of your data, regardless of the type of device consuming it.

**Access app data from anywhere.** With data stored in the cloud, users can access their information from any Internet-connected computer or mobile device. And when app data is stored in the cloud, no data is lost if a user's computer or device fails.

Here you don't need to worry about the solution itself, the scalability, or availability. You just managed the configuration.

Hence all of the other options are incorrect based on the concept of a SaaS solution.

For more information on SaaS, please visit the below URL-

<https://azure.microsoft.com/en-us/overview/what-is-saas/>

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Question 19

Unattempted

Domain :Describe Azure cost management and Service Level Agreements

A company is planning to set up an Enterprise Azure Subscription. Do they need to have a valid Microsoft Azure account on EA Portal (<https://ea.azure.com/>) for associating the Azure Subscription?

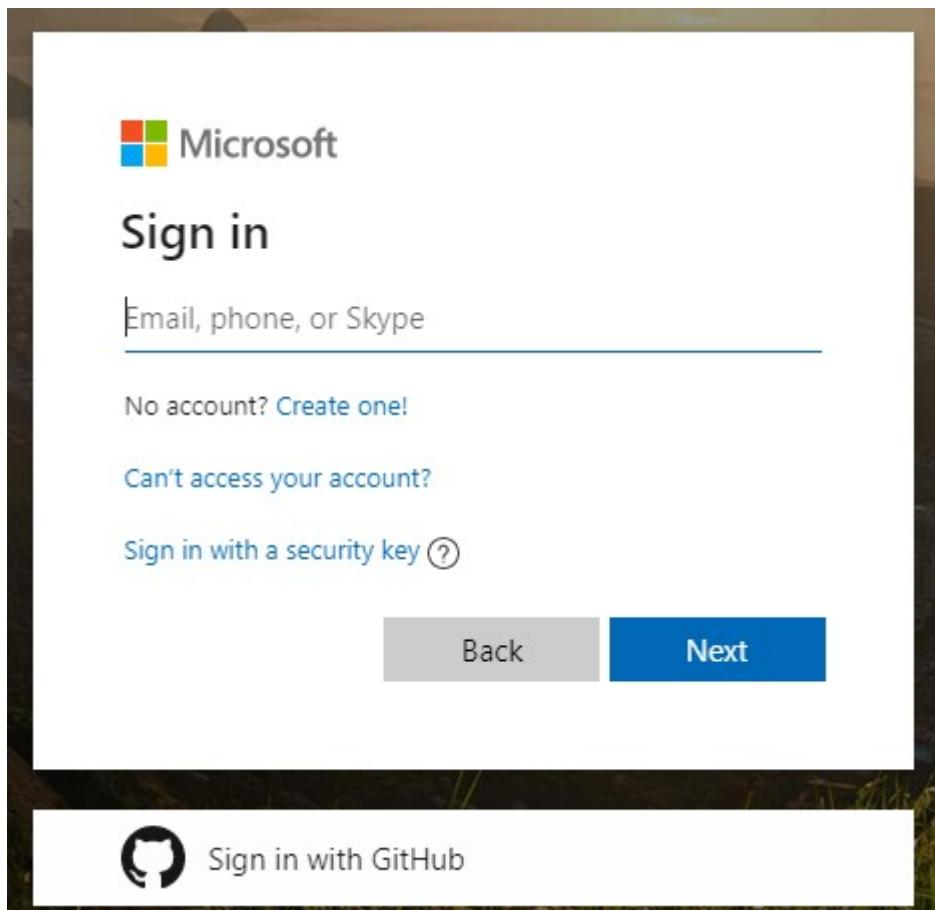
A. Yes

B. No

### Explanation:

Answer – A

When you sign in to an Azure account, you need to sign in with a valid Microsoft account, as shown below.



This could be a Work, School or Personal account. The Enterprise Agreement subscription provides a means on how resources get billed for the subscription.

One can contact Microsoft for the Enterprise Agreement via the following URL-

<https://azure.microsoft.com/en-us/pricing/purchase-options/enterprise-agreement/>

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[View Queries](#)[open ▾](#)**Question 20****Unattempted****Domain :Describe core solutions and management tools on Azure**

An IT administrator for a company has been given a PowerShell script. This PowerShell script will be used to create several Virtual Machines in Azure. You have to provide a machine to the IT administrator for running the PowerShell script.

You decide to provide a Linux machine which has the Azure CLI tools with PowerShell 5.x installed.

Would this solution fit the requirement?

- A. Yes
- B. No 

**Explanation:**

Answer – B

Azure PowerShell works with PowerShell 5.1 on Windows. On other platforms like Linux, Azure PowerShell 6.2.4 and later versions are compatible. Microsoft recommends PowerShell 7.x and higher on all platforms.

## Azure PowerShell documentation

Azure PowerShell is a set of cmdlets for managing Azure resources directly from the PowerShell command line. Azure PowerShell is designed to make it easy to learn and get started with but provides powerful features for automation. Written in .NET Standard, Azure PowerShell works with PowerShell 5.1 on Windows by installing some additional module PowerShellGet & .Net framework.

PowerShell 6.2.4 and later is compatible on all OS platforms. However, Microsoft recommends PowerShell 7.x.

<https://docs.microsoft.com/en-us/powershell/azure/install-az-ps?view=azps-5.4.0>

<https://docs.microsoft.com/en-us/azure/virtual-machines/linux/run-command>

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**Question 21****Unattempted****Domain :Describe core solutions and management tools on Azure**

An IT administrator for a company has been given a PowerShell script. This PowerShell script will be used to create several Virtual Machines in Azure. You have to provide a machine to the IT administrator for running the PowerShell script.

You decide to provide a LinuxOS-based machine (with Ubuntu) and use Azure Cloud Shell. Would this solution fit the requirement?

A. Yes 

B. No

**Explanation:**

Answer – A

From the Azure Portal, if you use Azure Cloud Shell, you can run both Bash and PowerShell based scripts.

The screenshot shows the Azure portal interface. At the top, there is a search bar with placeholder text "Search resources, services, and docs" and several navigation icons. Below the search bar is a toolbar with buttons for "refresh", "Assign tags", "Delete", "Export to CSV", and "Try preview". There are also dropdown filters for "All resource groups", "All types", "All locations", and "All tags". The main content area displays a table of resources:

	TYPE ↑	RESOURCE GROUP ↑	LOCATION ↑	S
	Virtual machine	whizlabs-rg	UK South	F
8746a886436c842ef37dd7f9a3e2	Disk	WHIZLABS-RG	UK South	F

Below this is a large screenshot of the Azure Cloud Shell interface. The interface features a dark background with a large right-pointing arrow icon. The text "Welcome to Azure Cloud Shell" is displayed. Below it, instructions say: "Select Bash or PowerShell. You can change shells any time via the environment selector in the Cloud Shell toolbar. The most recently used environment will be the default for your next session." A red arrow points to the "PowerShell" tab, which is highlighted with a red box. The "Bash" tab is also visible.

For more information on Azure CloudShell, please visit the below URL-

<https://azure.microsoft.com/en-us/features/cloud-shell/>

<https://docs.microsoft.com/en-us/azure/cloud-shell/overview>

<https://docs.microsoft.com/en-us/azure/cloud-shell/persisting-shell-storage>

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[View Queries](#)[open ▾](#)**Question 22****Unattempted****Domain :Describe core solutions and management tools on Azure**

An IT administrator for a company has been given a PowerShell script. This PowerShell script will be used to create several Virtual Machines in Azure. You have to provide a machine to the IT administrator for running the PowerShell script.

You decide to provide an Azure CLI installed on a computer that has MacOS 10.13 and PowerShell 7.0.3 also installed.

Would this solution fit the requirement?

A. Yes

B. No

**Explanation:**

Answer – A

Yes, you can install Powershell on MacOS and then run the PowerShell scripts.

For more information on installing PowerShell on MacOS, please visit the below URL-

<https://docs.microsoft.com/en-us/powershell/scripting/install/installing-powershell-core-on-macos?view=powershell-6>

[Ask our Experts](#)[Rate this Question? !\[\]\(87a5c5a1c76280c2f1cd158a8009530f\_img.jpg\) !\[\]\(dd006516548e78686b46606bfbdd6d57\_img.jpg\)](#)[View Queries](#)[open ▾](#)**Question 23****Unattempted****Domain :Describe core solutions and management tools on Azure**

A company is planning to set up a solution in Azure. The solution would have the following key requirement.

An Integration solution for the deployment of code

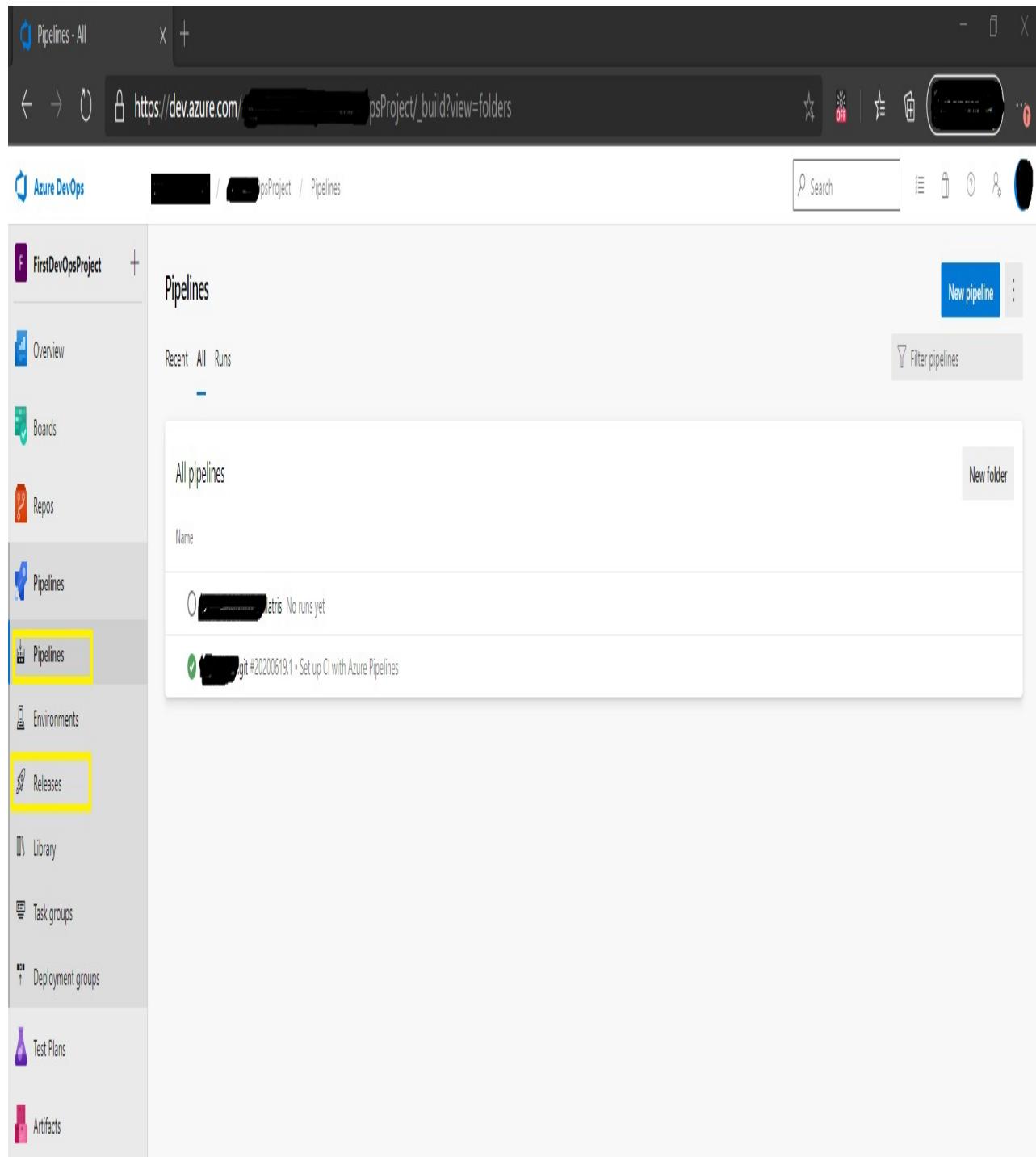
Which of the following would be best suited for this requirement?

A. Azure Advisor

**B. Azure Cognitive Services****C. Azure Application Insights****D. Azure DevOps** **Explanation:**

Answer – D

Azure DevOps consists of a large set of tools. Amongst these, you have Azure Pipelines which can be used to build, test and deploy code.



The screenshot shows the Azure DevOps Pipelines interface. The left sidebar has a yellow box around the 'Pipelines' item. The main area displays a list of pipelines under the heading 'All pipelines'. One pipeline is visible: 'O [REDACTED]atri No runs yet'. A second pipeline, 'git#20200619.1 • Set up CI with Azure Pipelines', is partially visible below it. The top navigation bar shows the URL [https://dev.azure.com/\[REDACTED\]/psProject/\\_build?view=folders](https://dev.azure.com/[REDACTED]/psProject/_build?view=folders).

Since this is a clear feature of the tool, all other options are incorrect.

For more information on Azure DevOps, please visit the below URL-

<https://azure.microsoft.com/en-us/services/devops/>

---

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**Question 24**

**Unattempted**

Domain :Describe core solutions and management tools on Azure

A company is planning to set up a solution in Azure. The solution would have the following key requirement.

A tool that provides guidance and recommendations to improve an Azure environment

Which of the following would be best suited for this requirement?

- A. Azure Advisor 
- B. Azure Cognitive Services
- C. Azure Application Insights
- D. Azure Devops

---

**Explanation:**

Answer – A

This is clearly mentioned in the Microsoft documentation.

# What is Advisor?

Advisor is a personalized cloud consultant that helps you follow best practices to optimize your Azure deployments. It analyzes your resource configuration and usage telemetry and then recommends solutions that can help you improve the cost effectiveness, performance, high availability, and security of your Azure resources.

With Advisor, you can:

- Get proactive, actionable, and personalized best practices recommendations.
- Improve the performance, security, and high availability of your resources, as you identify opportunities to reduce your overall Azure spend.
- Get recommendations with proposed actions inline.

Since this is a clear feature of the tool, all other options are incorrect.

For more information on Azure Advisor, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/advisor/advisor-overview>

---

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**Question 25**

**Unattempted**

**Domain :Describe core solutions and management tools on Azure**

A company is planning to set up a solution in Azure. The solution would have the following key requirement.

A simplified tool to build intelligent Artificial Intelligence applications

Which of the following would be best suited for this requirement?

- A. Azure Advisor
- B. Azure Cognitive Services
- C. Azure Application Insights
- D. Azure Devops

**Explanation:**

Answer – B

As shown in the Microsoft documentation below, the Azure Cognitive services has an entire list of features that can be used to build Artificial Intelligent based applications.

**Use AI to solve business problems****Vision**

Image-processing algorithms to smartly identify, caption, index, and moderate your pictures and videos.

**Speech**

Convert spoken audio into text, use voice for verification, or add speaker recognition to your app.

**Knowledge**

Map complex information and data in order to solve tasks such as intelligent recommendations and semantic search.

**Search**

Add Bing Search APIs to your apps and harness the ability to comb billions of webpages, images, videos, and news with a single API call.

**Language**

Allow your apps to process natural language with pre-built scripts, evaluate sentiment and learn how to recognize what users want.

Since this is a clear feature of the tool, all other options are incorrect.

For more information on Azure Cognitive services, please visit the below URL-

<https://azure.microsoft.com/en-us/services/cognitive-services/>

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**Question 26****Unattempted****Domain :Describe core solutions and management tools on Azure**

A company is planning to set up a solution in Azure. The solution would have the following key requirement

A tool used to monitor Web applications hosted in production-based environments.

Which of the following would be best suited for this requirement?

- A. Azure Advisor
- B. Azure Cognitive Services
- C. Azure Application Insights 
- D. Azure Devops

**Explanation:**

Answer – C

This is clearly mentioned in the Microsoft documentation.

# What is Application Insights?

01/23/2019 • 5 minutes to read • Contributors 

Application Insights is an extensible Application Performance Management (APM) service for web developers on multiple platforms. Use it to monitor your live web application. It will automatically detect performance anomalies. It includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app. It's designed to help you continuously improve performance and usability. It works for apps on a wide variety of platforms including .NET, Node.js and J2EE, hosted on-premises, hybrid, or any public cloud. It integrates with your DevOps process, and has connection points to a variety of development tools. It can monitor and analyze telemetry from mobile apps by integrating with Visual Studio App Center.

Since this is a clear feature of the tool, all other options are incorrect.

For more information on Azure Application Insights, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview>

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**Question 27**

**Unattempted**

Domain :Describe core Azure services

A company needs to implement a solution in Azure. Below are the key requirements for this solution.

No need for schema or Index management

Ensure low latency access to data from around the world.

Which of the following data solution would you consider for this requirement?

- A. Azure SQL Database
- B. Azure CosmosDB 
- C. Azure SQL Datawarehouse
- D. SQL Server Stretch database

#### Explanation:

Answer – B

The Microsoft documentation mentions the following when it comes to the features of CosmosDB.

#### Guaranteed low latency at 99th percentile, worldwide

Using Cosmos DB, you can build highly responsive, planet scale applications. With its novel multi-master replication protocol and latch-free and [write-optimized database engine](#), Cosmos DB guarantees less than 10-ms latencies for both, reads and (indexed) writes at the 99th percentile, all around the world. This capability enables sustained ingestion of data and blazing-fast queries for highly responsive apps.

## No schema or index management

Keeping database schema and indexes in-sync with an application's schema is especially painful for globally distributed apps. With Cosmos DB, you do not need to deal with schema or index management. The database engine is fully schema-agnostic. Since no schema and index management is required, you also don't have to worry about application downtime while migrating schemas. Cosmos DB automatically indexes all data and serves queries fast.

Option A is incorrect since this is used to store normal table-like data.

Option C is incorrect since this is used for building data warehouses.

Option D is incorrect since this is used to stretch warm dynamically and cold transactional data from Microsoft SQL Server 2016 to Microsoft Azure.

For more information on Azure CosmosDB, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/cosmos-db/introduction>

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**Question 28**

**Unattempted**

Domain :Describe core Azure services

A company is planning to deploy Azure resources to a resource group. But the resources would belong to different locations. Can you have resources that belong to the same resource group but be in multiple locations?

- A. Yes 
- B. No

**Explanation:**

**Answer – A**

An example is shown below in Azure, where you can have resources in the same resource groups, but different locations.

The screenshot shows the Azure portal's 'All resources' view. It displays two storage accounts: 'whizlabstore' and 'whizlabstore1'. Both accounts are under the same resource group, 'whizlabs-rg', which is highlighted with a red box. However, they are located in different regions: 'UK South' and 'West US' respectively, also highlighted with red boxes. Red arrows point from the text labels 'Same resource Group' and 'Different location' to their respective highlighted areas.

NAME	TYPE	RESOURCE GROUP	LOCATION
whizlabstore	Storage account	whizlabs-rg	UK South
whizlabstore1	Storage account	whizlabs-rg	West US

For more information on Azure Resource Manager, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

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**Question 29**

**Unattempted**

Domain :Describe core Azure services

A company is planning to deploy Azure resources to a resource group. The company is planning to assign tags to the resource groups. Would the resources in the resource group also inherit the same tags?

- A. Yes
- B. No

**Explanation:**

Answer – B

An example is shown below where a resource group has a tag defined.

The screenshot shows the Azure portal interface for managing a resource group named "whizlabs-rg". A red circle labeled "1" highlights the "Tags" section in the left sidebar. Another red circle labeled "2" highlights the table where a tag is defined: "Environment" with a value of "Production".

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more](#)

NAME	VALUE
Environment	Production

whizlabs-rg (Resource group)  
No changes

1. And there is a resource defined in the resource group.

The screenshot shows the Azure portal interface for managing a storage account named "whizlabstore". A red arrow points from the "Overview" section of the storage account page to the "Resource group (change)" field, which is set to "whizlabs-rg".

whizlabstore  
Storage account

Search (Ctrl+)

Open in Explorer Move Delete Refresh

Overview Activity log Status Primary: Available, Secondary: Available

Resource group (change)  
whizlabs-rg

1. If you go to the Tags section of the resource, you will see that there are no tags defined.

The screenshot shows the Azure portal interface for managing the storage account "whizlabstore". A red arrow points to the "No Tags defined" message at the top of the tags section. The "Tags" section is highlighted with a red border.

whizlabstore - Tags  
Storage account

Search (Ctrl+)

Save Delete all Revert changes

No Tags defined

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. [Learn more](#)

NAME	VALUE

whizlabstore (Storage account)  
No changes

For more information on Azure Resource Group Tags, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-using-tags>

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### Question 30

Unattempted

Domain :Describe core Azure services

A company is planning to deploy Azure resources to a resource group. The company is planning to assign permissions to the resource groups. Would the resources in the resource group also inherit the same permissions?

A. Yes 

B. No

### Explanation:

Answer – A

1. An example is shown below where a resource group has a permission defined.

The screenshot shows the Azure portal interface for the 'whizlabs-rg' resource group. A red circle labeled '1' is at the top center, pointing to the title bar 'whizlabs-rg - Access control (IAM)'. A red circle labeled '2' is on the left sidebar next to the 'Access control (IAM)' option. A red circle labeled '3' is on the main content area pointing to the 'UserA' entry in the role assignment table.

**Access control (IAM) Overview**

Manage access to Azure resources for users, groups, service principals and managed identities at this scope by creating role assignments. [Learn more](#)

Name	Type	Role	Scope
USER	User	Reader	This resource

1. And there is a resource defined in the resource group.

The screenshot shows the Azure portal interface for the 'whizlabstore' storage account. A large red arrow points from the previous screenshot to this one, indicating the relationship between the two. The storage account details are shown, including the resource group 'whizlabs-rg'.

**whizlabstore Storage account**

Resource group ([change](#))  
whizlabs-rg

Status  
Primary: Available, Secondary: Available

1. If you go to the Access Control section of the resource, you will see that the permissions are inherited from the resource group.

whizlabstore - Access control (IAM) 1

Search (Ctrl+I) Add role assignment Edit columns Refresh Remove

Overview Activity log Access control (IAM) 2 Tags Diagnose and solve problems... Events Storage Explorer (preview) Settings Access keys Geo-replication CORS Configuration

Check access Role assignments Deny assignments Roles

Manage access to Azure resources for users, groups, service principals and managed identities at this scope by creating role assignments. [Learn more](#)

Name	Type	Role	Scope
Search by name or email	All	Reader	All scopes
Group by	Role		
1 items (1 Users)			
NAME	TYPE	ROLE	SCOPE
READER			
UserA UserA@demousr2016gma...	User	Reader <span style="border: 1px solid red; border-radius: 50%; padding: 2px 5px;">3</span>	<a href="#">Resource group (Inherited)</a>

For more information on role-based access control, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/role-based-access-control/role-assignments-portal>

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### Question 31

Unattempted

Domain :Describe identity, governance, privacy, and compliance features

A company has a set of resources deployed to Azure. They want to use the Azure Advisor tool. Would the Azure Advisor tool alone be able to give recommendations on how to improve the security of the Azure AD environment?

A. Yes

B. No ✓

### Explanation:

Answer – B

The below screenshot from Azure documentation shows what Azure Advisor does. The question asks if the Azure Advisor tool "alone" be able to give security recommendations. In fact the Azure Advisor **integrates** with Azure Security Center to give security recommendations to Azure AD ( also to all the Azure Resources ).

## Make resources more secure with Azure Advisor

01/29/2019 • 2 minutes to read •  +3

Azure Advisor provides you with a consistent, consolidated view of recommendations for all your Azure resources. It integrates with Azure Security Center to bring you security recommendations. You can get security recommendations from the **Security** tab on the Advisor dashboard.

Security Center helps you prevent, detect, and respond to threats with increased visibility into and control over the security of your Azure resources. It periodically analyzes the security state of your Azure resources. When Security Center identifies potential security vulnerabilities, it creates recommendations. The recommendations guide you through the process of configuring the controls you need.

For more information about security recommendations, see [Managing security recommendations in Azure Security Center](#).

Please visit the below URL-

<https://docs.microsoft.com/en-us/azure/advisor/advisor-security-recommendations>

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**Question 32**

**Unattempted**

**Domain :Describe core Azure services**

A company has a requirement to deploy 10 Azure resources for several departments. All of the resource types and configurations are the same. Which of the following could be used to automate the deployment of the resources using infrastructure as code?

- A. **Azure Resource Manager templates** 
- B. **Virtual machine scale sets**
- C. **Azure API Management service**
- D. **Management groups**

**Explanation:**

Answer – A

The Microsoft documentation gives the definition of a template, as shown below.

- **Resource Manager template** - A JavaScript Object Notation (JSON) file that defines one or more resources to deploy to a resource group or subscription. The template can be used to deploy the resources consistently and repeatedly. See [Template deployment](#).

Resource Manager templates are the ideal solution when you have to deploy the same type of resource repeatedly.

Option B is incorrect since this is good only if you need to automate the deployment of Virtual Machines.

Option C is incorrect since this is used for making API calls to Azure.

Option D is incorrect since this is used to group your resources within subscriptions.

For more information on Resource Manager, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview>

[Ask our Experts](#)[Rate this Question?](#)  [View Queries](#)[open ▾](#)**Question 33****Unattempted**

### Domain :Describe identity, governance, privacy, and compliance features

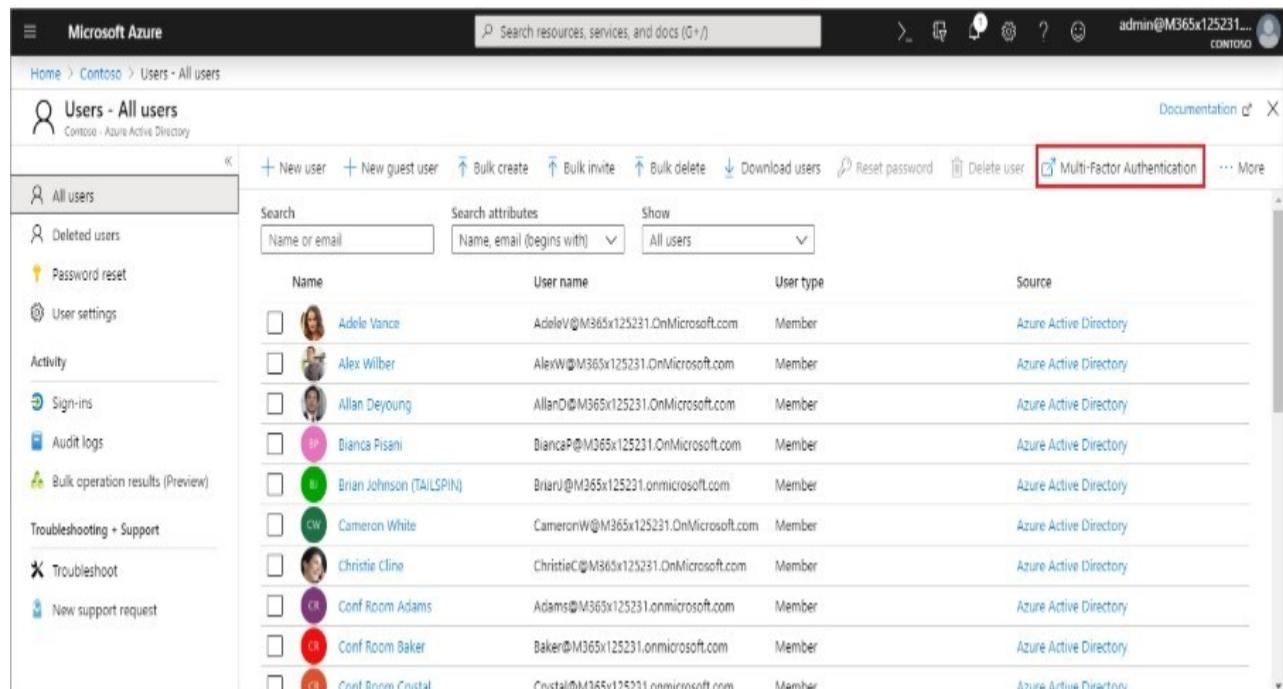
A company has hosted its solutions on the Azure Cloud. They need to implement MFA for identities hosted in Azure. Is it necessary to deploy a federation solution for identities available in cloud?

- A. Yes
- B. No 

#### Explanation:

Answer – B

There are various ways to implement MFA on Azure, like using Conditional Access policies. In Azure AD, you can also manage MFA settings, as shown below.



The screenshot shows the Microsoft Azure Active Directory interface. On the left, there's a sidebar with options like Home, Contoso, Users - All users, Deleted users, Password reset, User settings, Activity, Sign-ins, Audit logs, Bulk operation results (Preview), Troubleshooting + Support, Troubleshoot, and New support request. The main area is titled "Users - All users" under "Contoso - Azure Active Directory". It has a search bar and filters for Name or email, Search attributes (Name, email (begins with)), and Show (All users). Below is a table of users:

Name	User name	User type	Source
Adele Vance	AdeleV@M365x125231.OnMicrosoft.com	Member	Azure Active Directory
Alex Wilber	AlexW@M365x125231.OnMicrosoft.com	Member	Azure Active Directory
Allan Deyoung	AllanD@M365x125231.OnMicrosoft.com	Member	Azure Active Directory
Bianca Pisani	BiancaP@M365x125231.OnMicrosoft.com	Member	Azure Active Directory
Brian Johnson (TAILSPIN)	BrianJ@M365x125231.onmicrosoft.com	Member	Azure Active Directory
Cameron White	CameronW@M365x125231.OnMicrosoft.com	Member	Azure Active Directory
Christie Cline	ChristieC@M365x125231.OnMicrosoft.com	Member	Azure Active Directory
Conf Room Adams	Adams@M365x125231.onmicrosoft.com	Member	Azure Active Directory
Conf Room Baker	Baker@M365x125231.onmicrosoft.com	Member	Azure Active Directory
Conf Room Crystal	Crystal@M365x125231.onmicrosoft.com	Member	Azure Active Directory

For more information on how to configure MFA settings, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted>

<https://docs.microsoft.com/en-us/azure/active-directory/authentication/tutorial-enable-azure-mfa>

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**Question 34****Unattempted****Domain :Describe general security and network security features**

A company has deployed their solutions to Azure. They have users that connect to Azure AD via the Internet. They have the requirement that they are prompted to change their password if users try to login from previously unseen IP addresses. Which of the following should the company consider for this requirement?

- A. Azure AD Connect Health
- B. Azure AD Privileged Identity Management
- C. Azure Advanced Threat Protection (ATP)
- D. Azure AD Identity Protection 

---

**Explanation:**

Answer – D

You have to create a policy in Azure AD Identity Protection. An example is shown below.

Azure AD Identity Protection - User risk policy

Default Directory

Search (Ctrl+ /) «

**GENERAL**

- Overview
- Getting started

**INVESTIGATE**

- Users flagged for risk
- Risk events
- Vulnerabilities

**CONFIGURE**

- MFA registration
- User risk policy **1**
- Sign-in risk policy

**SETTINGS**

- Alerts
- Weekly Digest
- Pin to dashboard
- Troubleshooting + support

Policy name  
User risk remediation policy

Assignments

- Users **All users** >
- Conditions **Select conditions** >

Controls

- Access **Select a control** **2** >

Review

- Estimated impact **Number of users impacted** >

Enforce Policy

- On **Off**

1. First go to User risk policy
2. Next go to Controls

Then based on the user sign-in risk condition, you can make the user change the password as per the policy.

**Access** □ X

USER RISK

Select the controls to be enforced.

Block access  
 Allow access

Require password change

Option A is incorrect since this is used to check the health status of Azure AD Connect.

Option B is incorrect since it is used for privileged level access in Azure.

Option C is incorrect since this is used to protect resources in Azure.

For more information on Azure AD Identity Protection, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/overview>

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### Question 35

**Unattempted**

Domain :Describe identity, governance, privacy, and compliance features

A company plans to set up multiple resources in their Azure subscription. They want to implement tagging of resources in Azure. But they want to ensure that they have to contain a tag with a name of "organization" and value of "whizlabs" when resource groups are created. You recommend using Azure locks for implementing this requirement. Would this recommendation fulfil the requirement?

A. Yes

B. No 

### Explanation:

Answer – B

Azure locks are used to prevent accidental modification or deletion of resources in Azure.

For more information on Azure locks, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

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**Question 36**

**Unattempted**

**Domain :Describe identity, governance, privacy, and compliance features**

A company plans to set up multiple resources in their Azure subscription. They want to implement tagging of resources in Azure. But they want to ensure that when resource groups are created, they have to contain a tag with a name of "organization" and value of "whizlabs". You recommend using Azure policies for implementing this requirement. Would this recommendation fulfil the requirement?

A. Yes 

B. No

---

**Explanation:**

Answer – A

Yes, you can use Azure policies. For this, there is also an inbuilt policy that can be used as shown below to implement tagging for resources groups.

### Enforce tag and its value on resource groups

Policy definition

[Assign](#) [Edit definition](#) [Duplicate definition](#) [Delete definition](#)

Name : Enforce tag and its value on resource groups

Definition location : --

Description : Enforces a required tag and its value on resource groups.

Definition ID : /providers/Microsoft.Authorization/policyDefinitions/8ce3da23-7156-49e4-b145-24f95f9dc46

Effect : Deny

Type : Built-in

Category : General

Mode : All

▲

[Definition \(JSON\)](#) [Parameters](#)

```
1  [
2    "if": {
3      "allOf": [
4        {
5          "field": "[concat('tags[', parameters('tagName'), ']')]",
6          "notEquals": "[parameters('tagValue')]"
7        },
8        {
9          "field": "type",
10         "equals": "Microsoft.Resources/subscriptions/resourceGroups"
11       }
12     ]
13   },
14   "then": {
15     "effect": "deny"
16   }
17 ]
```

For more information on Azure policies, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

[Ask our Experts](#)[Rate this Question?](#)  [View Queries](#)[open ▾](#)**Question 37****Unattempted****Domain :Describe general security and network security features**

A company plans to set up multiple resources in their Azure subscription. They want to implement tagging of resources in Azure. But they want to ensure that when resource groups are created, they have to contain a tag with a name of "organization" and value of "whizlabs". You recommend using Azure Key Vault for implementing this requirement. Would this recommendation fulfil the requirement?

A. Yes

B. No 

**Explanation:**

Answer – B

Azure Key vault is used for security purposes such as key and secret management.

For more information on Azure key vault, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/key-vault/key-vault-whatis>

---

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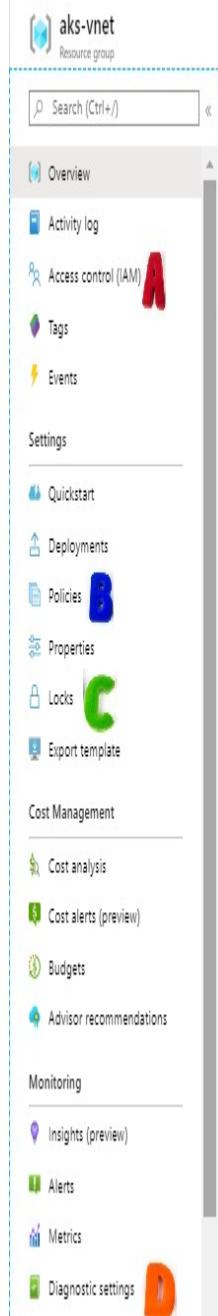
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**Question 38**

**Unattempted**

**Domain :Describe identity, governance, privacy, and compliance features**

A company has created a resource group, as shown below. They want to ensure that resources within the resource group don't get accidentally deleted.



Which of the following would you use for this purpose?

- A. **Access Control**
- B. **Policies**
- C. **Locks**
- D. **Diagnostics settings**

---

#### Explanation:

Answer – C

The Microsoft documentation mentions the following.

# Lock resources to prevent unexpected changes

11/08/2018 • 5 minutes to read • Contributors  all

As an administrator, you may need to lock a subscription, resource group, or resource to prevent other users in your organization from accidentally deleting or modifying critical resources. You can set the lock level to **CanNotDelete** or **ReadOnly**. In the portal, the locks are called **Delete** and **Read-only** respectively.

- **CanNotDelete** means authorized users can still read and modify a resource, but they can't delete the resource.
- **ReadOnly** means authorized users can read a resource, but they can't delete or update the resource. Applying this lock is similar to restricting all authorized users to the permissions granted by the **Reader** role.

Option A is incorrect since this is used to set the permission for resources.

Option B is incorrect since this is used for governance purposes.

Option D is incorrect since this is used to enable diagnostics on the underlying resource.

For more information on Azure locks, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

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**Question 39**

**Unattempted**

Domain :Describe Azure cost management and Service Level Agreements

A company has substantial business-critical utilization of MS Azure. It wants to purchase an Azure support plan. Below is a key requirement from the support plan.

Provide architectural support for the company's Azure environment from Pooled Team of Microsoft's ProDirect Delivery Managers.

Which of the following plan would the company need to purchase to fulfil this requirement?

- Premier
- Developer

C. Professional Direct 

D. Standard

**Explanation:**

Answer – C

From the Support plans, as shown below, you can see that only the Professional Direct plan has the required architecture support.

	Basic <a href="#">Request support</a>	DEVELOPER <a href="#">Purchase support</a>	STANDARD <a href="#">Purchase support</a>	PROFESSIONAL DIRECT <a href="#">Purchase support</a>
24/7 access to technical support by email and phone		Available during business hours by email only.	✓	✓
<u>Case severity and response time</u>		Minimal business impact (Sev C): Within eight business hours <sup>1</sup>	Minimal business impact (Sev C): Within eight business hours <sup>1</sup> Moderate business impact (Sev B): Within four hours Critical business impact (Sev A): Within one hour	Minimal business impact (Sev C): Within four business hours <sup>1</sup> Moderate business impact (Sev B): Within two hours Critical business impact (Sev A): Within one hour
Third-party software support with interoperability and configuration guidance and troubleshooting		✓	✓	✓
Architecture Support		General guidance	General guidance	<a href="#">Guidance from a pool of ProDirect delivery managers</a>
Operations Support				Service reviews and advisory consultation from a pool of ProDirect delivery managers
Training				Webinars led by Azure engineers
Proactive Guidance				From a pool of ProDirect delivery managers

Since this is clear from the documentation, all other options are incorrect.

Note that Microsoft refers to Architectural Support & Guidance as to the same terminology.

Refer explanation given on Azure Docs url- <https://azure.microsoft.com/en-us/support/plans/>

as well as the explanation given on Azure Portal.

The screenshot shows the Microsoft Azure Support Plans page. It features a sidebar with navigation links like 'New support request', 'All support requests', 'Support Plans' (which is selected), 'Service Health', and 'Advisor'. The main content area is divided into four columns representing different support levels:

- BASIC**: Includes Microsoft Azure, Customer Service and Communities, Best Practices, Health Status and Notifications, Technical Support, Who Can Open Cases, Third-Party Software Support, Case Severity/Response Times, Architecture Support, Operations Support, Training, Proactive Guidance, Reactive Support, and Pricing.
- DEVELOPER**: Includes Microsoft Azure, Trial and non-production environments, 24x7 access to customer service documentation, whitepapers, and support forums, Access to full set of Azure Advisor recommendations, Access to personalized Service Health Dashboard via Health API's, Business hours access to Support Engineers via email\*, Unlimited contacts / unlimited cases, Interoperability & configuration guidance and troubleshooting, Minimal business impact (Dev C) <8 business hours\*, General guidance, and Pricing (\$20/mo).
- STANDARD**: Includes Microsoft Azure, Production workload environments, 24x7 access to customer service documentation, whitepapers, and support forums, Access to full set of Azure Advisor recommendations, Access to personalized Service Health Dashboard via Health API's, 24x7 access to Support Engineers via email and phone, Unlimited contacts / unlimited cases, Interoperability & configuration guidance and troubleshooting, Moderate business impact (Dev B) <4 hours, General guidance, and Pricing (\$100/mo).
- PROFESSIONAL DIRECT**: Includes Microsoft Azure, Business-critical dependence, 24x7 access to customer service, documentation, whitepapers, and support forums, Access to full set of Azure Advisor recommendations, Access to personalized Service Health Dashboard via Health API's, 24x7 access to Support Engineers via email and phone, Unlimited contacts / unlimited cases, Interoperability & configuration guidance and troubleshooting, Minimal business impact (Dev A) <4 business hours\*, Moderate business impact (Dev B) <2 hours, Critical business impact (Dev A) <1 hour, Architectural guidance based on best practices delivered by ProDirect Delivery Manager, Onboarding services, service reviews, Azure Advisor consultations, Azure Engineering-led web seminars, ProDirect Delivery Manager, and Pricing (\$1,000/mo).

Remember, in the Premier support plan you'll get the added benefit of getting Architecture & Code Review done by MS Technical Account Manager.

<https://azure.microsoft.com/en-us/support/plans/premier/>

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Question 40

Unattempted

#### Domain :Describe Azure cost management and Service Level Agreements

A company has a set of Virtual machines defined in Azure. One of the machines was down due to issues with the underlying Azure Infrastructure. The server was down for an extended period of time. So it breached the standard SLA defined by Microsoft. How will Microsoft reimburse the downtime cost?

- A. By directly sending money to the customer's bank account
- B. By spinning up another Virtual Machine free of cost for the client
- C. By providing service credits to the customer
- D. By providing a service free of cost to use for a specific duration of time.

#### Explanation:

Answer – C

If you look at the pricing FAQ, you can see that Microsoft offers Service level credits if it does not meet the SLA targets.

- [What are the Azure SLA Credits?](#)

Azure SLA Credits are calculated on a per subscription basis as a percentage of the bill for that service in the billing month that the SLA was missed. The service credits are applied to the subsequent month's bill. Generally, we provide 10% credit if we fall below the first threshold (99.95% or 99.9%, depending on the service) and 25% if we fall beneath the subsequent threshold (99%). Please refer to our [SLA page](#) for complete details.

Since this is clearly given in the documentation, all other options are incorrect.

For more information on Azure pricing FAQ's, please visit the below URL-

<https://azure.microsoft.com/en-in/support/legal/sla/summary/>

[https://azure.microsoft.com/en-in/support/legal/sla/virtual-machines/v1\\_9/](https://azure.microsoft.com/en-in/support/legal/sla/virtual-machines/v1_9/)

<https://azure.microsoft.com/en-us/pricing/faq/>

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**Question 41**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company is planning to move to Azure. The senior management wants to get an idea on the cost that would be incurred when hosting resources in Azure.

You recommend using the Azure Cost Management to get the required costing of the resources.

Would this recommendation fit the requirement?

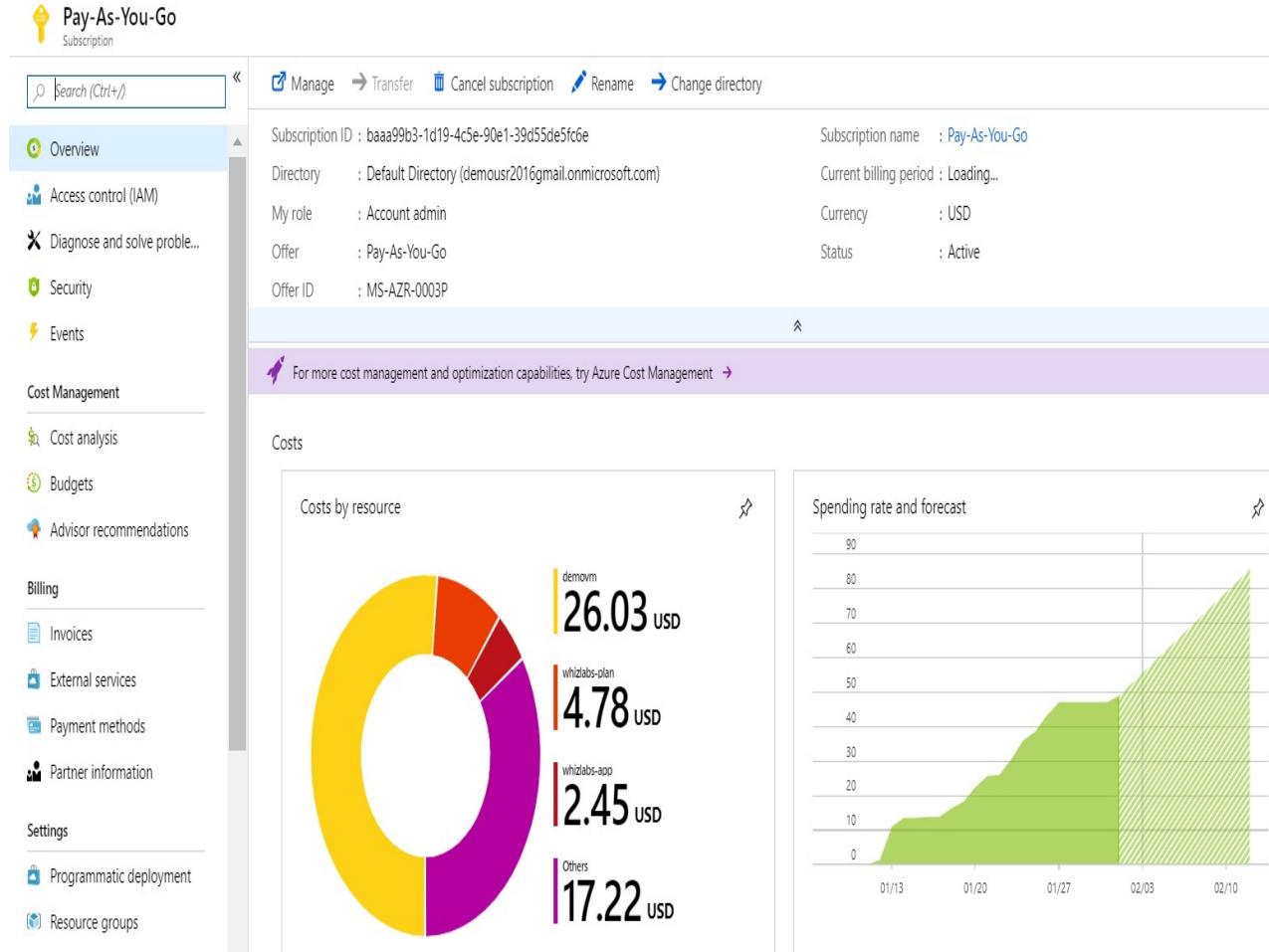
A. Yes

B. No 

**Explanation:**

Answer – B

The Cost Management feature is great to give you a breakdown of the cost once the resources are hosted in Azure. It will not give you an indication of costs that can be incurred when using Azure. Below is a snapshot of Cost Management in Azure.



For more information on Azure Cost Management, please visit the below URL-

<https://azure.microsoft.com/en-us/pricing/details/cost-management/>

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### Question 42

Unattempted

Domain :Describe Azure cost management and Service Level Agreements

A company is planning to move to Azure. The senior management wants to get an idea on the cost that would be incurred when hosting resources in Azure. You recommend using the Cloudyn service to get the required costing of the resources. Would this recommendation fit the requirement?

A. Yes

B. No

**Explanation:**

Answer – B

The Microsoft documentation mentions the below details on the Cloudyn service. It will not give you an indication of costs that can be incurred when using Azure.

# What is the Cloudyn service?

12/06/2018 • 2 minutes to read • Contributors 

Cloudyn, a Microsoft subsidiary, allows you to track cloud usage and expenditures for your Azure resources and other cloud providers including AWS and Google. Easy-to-understand dashboard reports help with cost allocation and showbacks/chargebacks as well. Cloudyn helps optimize your cloud spending by identifying underutilized resources that you can then manage and adjust.

For more information on the Cloudyn service, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/cost-management/overview>

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**Question 43**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

The senior management wants to get an idea of the cost that would be incurred when hosting resources in Azure.

You recommend using the pricing calculator to get the required costing of the resources. Would this recommendation fit the requirement?

- A. Yes
- B. No

**Explanation:**

Answer – A

The pricing calculator is the perfect tool for estimating the price of hosting resources in Azure.

Pricing calculator

Configure and estimate the costs for Azure products

Products Estimates FAQ

Select a product to include it in your estimate.

Search products

Featured

- Virtual Machines
- Storage
- Azure SQL Database

Compute

- App Service
- Azure Cosmos DB
- Machine Learning Studio

Networking

Storage

Web

Mobile

For more information on the Azure pricing calculator, please visit the below URL-

<https://azure.microsoft.com/en-us/pricing/calculator/>

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**Question 44**

**Unattempted**

Domain :Describe core Azure services

A company wants to host a mission-critical application on a set of Virtual Machines in Azure. They want to ensure that they can set up the infrastructure in Azure to guarantee the maximum possible uptime for the application. Which of the following can you make use of in Azure to fulfil this requirement? Choose 2 answers from the options given below.

A. Resource Groups

B. Availability Zones

C. Availability Sets 

D. Resource Tags

---

**Explanation:**

Answer – B and C

The Microsoft documentation mentions the following.

## Achieve High Availability faster in the cloud

As soon as you sign up, access the tools, the infrastructure, and the guidance you need to deploy your applications in the cloud. Support your most demanding mission-critical applications to build always-available sites cost-effectively. And take advantage of an SLA of up to 99.99 percent for your virtual machines.

High-availability solutions

[Availability Zones >](#)

[Availability sets >](#)

[Virtual Machine Scale Sets \(VMSS\) >](#)

Option A is incorrect since this is used to categorize resources.

Option D is incorrect since this is used to improve categorization and billing of resources in Azure.

For more information on resiliency in Azure, please visit the below URL-

<https://azure.microsoft.com/en-us/features/resiliency/>

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**Question 45**

**Unattempted**

Domain :Describe cloud concepts

A company is planning to host an application on a set of Virtual Machines in Azure. They want to ensure that the application recovers from a region-wide failure in Azure. Which of the following concept needs to be considered to fulfil this requirement?

- A. Scalability
- B. Disaster Recovery 
- C. Agility
- D. Elasticity

---

#### Explanation:

Answer – B

The Microsoft documentation mentions the following.

## Disaster recovery for Azure applications

09/12/2018 • 35 minutes to read • Contributors  all

Disaster recovery (DR) is focused on recovering from a catastrophic loss of application functionality. For example, if an Azure region hosting your application becomes unavailable, you need a plan for running your application or accessing your data in another region.

Business and technology owners must determine how much functionality is required during a disaster. This level of functionality can take a few forms: completely unavailable, partially available via reduced functionality or delayed processing, or fully available.

Resiliency and high availability strategies are intended for handling temporary failure conditions. Executing this plan involves people, processes, and supporting applications that allow the system to continue functioning. Your plan should include rehearsing failures and testing the recovery of databases to ensure the plan is sound.

Option A is incorrect since this is used to scale in our scale-out infrastructure.

Option C is incorrect since this is used from a customer perspective to make applications more agile.

Option D is incorrect since this is used to make an application more flexible in its architecture based on user demand.

For more information on disaster recovery in Azure, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/architecture/resiliency/disaster-recovery-azure-applications>

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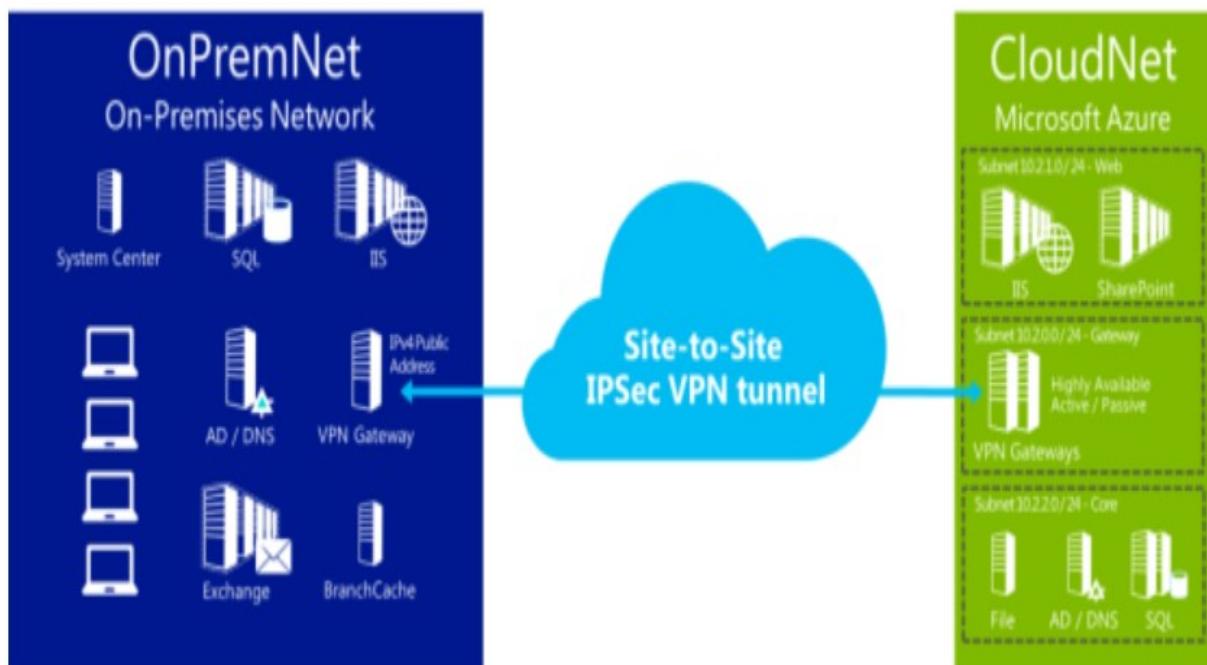
open ▾

Question 46

Unattempted

Domain :Describe cloud concepts

A company is planning to implement the below architecture ( between "on-premises" and Azure Cloud Infrastructure).



Which of the following best describes the above cloud model?

- A. Private Cloud
- B. Public Cloud
- C. Government Cloud
- D. Hybrid Cloud 

#### Explanation:

Answer – D

This is an example of having infrastructure hosted in both the Azure public cloud and in your on-premise network.

Option A is incorrect since the picture shows that "on-premises" network ( left side of the image ) is establishing a connection to the Azure virtual network ( right side of the image ).

Option B is incorrect since there is an on-premise server on the left-hand side.

Option C is incorrect since there is no specification of a pure government cloud setup.

For more information on some use cases for hybrid cloud scenarios is shown below, please visit the below URL-

<https://docs.microsoft.com/en-us/office365/enterprise/hybrid-cloud-scenarios-for-azure-iaas>

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**Question 47**

**Unattempted**

Domain :Describe core Azure services

A company wants to create multiple data stores in Azure. They want to have storage layers that can be used to store data that is infrequently used. Which of the following storage tiers for Azure BLOB storage would be suitable for this type of requirement? Choose 2 answers from the options given below.

- A. Premium storage
- B. Hot storage
- C. Cool storage 
- D. Archive storage 

---

**Explanation:**

Answer – C and D

This is given in the Microsoft documentation.

# Azure Blob storage: hot, cool, and archive access tiers

03/23/2019 • 18 minutes to read •  +12

Azure storage offers different access tiers, which allow you to store blob object data in the most cost-effective manner. The available access tiers include:

- **Hot** - Optimized for storing data that is accessed frequently.
- **Cool** - Optimized for storing data that is infrequently accessed and stored for at least 30 days.
- **Archive** - Optimized for storing data that is rarely accessed and stored for at least 180 days with flexible latency requirements (on the order of hours).

The following considerations apply to the different access tiers:

- Only the hot and cool access tiers can be set at the account level. The archive access tier isn't available at the account level.
- Hot, cool, and archive tiers can be set at the blob level during upload or after upload.
- Data in the cool access tier can tolerate slightly lower availability, but still requires high durability, retrieval latency, and throughput characteristics similar to hot data. For cool data, a slightly lower availability service-level agreement (SLA) and higher access costs compared to hot data are acceptable trade-offs for lower storage costs.
- Archive storage stores data offline and offers the lowest storage costs but also the highest data rehydrate and access costs.

Since this is provided in the Microsoft documentation, all other options are incorrect.

For more information on blob storage tiers, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-storage-tiers>

---

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Question 48

Unattempted

Domain :Describe core Azure services

A company wants to have an Enterprise messaging solution integrated with their existing application hosted in Azure.

## Marketplace

Categories	Logic App	API Management	Service Bus	Integration Account	Integration Service Environment	Logic Apps Custom Connector
Get Started	Microsoft	A	Microsoft	B	Microsoft	C
AI + Machine Learning	Automate the access and use of data across clouds without writing code	Microsoft	Publish APIs hosted anywhere, secure and protect against abuse, gain insights into usage and health.	Connect your apps across private and public clouds.	Upload artifacts to be used in Integration Apps.	Integration Service Environments provide a secure isolated and dedicated environment injected
Analytics						
Blockchain						
Compute		♥	♥	♥	♥	♥
Containers						
Databases	Data Factory	D	Data Catalog	Azure Stack Edge / Data Box Gateway	On-premises data gateway	BizTalk Service
Developer Tools	Microsoft		Microsoft	Microsoft	Microsoft	
DevOps	Transform data into trusted information		Data source discovery to get more value from existing enterprise data assets.	Manage Azure Stack Edge/Data Box Gateway appliance.	Allows access to your on-premises data for Logic Apps service through the data gateway. See the help doc	Seamlessly integrate the enterprise and the cloud.
Identity						
Integration						
Internet of Things		♥	♥	♥	♥	♥
IT & Management Tools						

Which of the following would be the ideal service to use for this requirement?

- A. Logic App
- B. API management
- C. Service Bus
- D. Data Factory

### Explanation:

Answer – C

The Microsoft documentation mentions the following on this service.

# What is Azure Service Bus?

09/22/2018 • 4 minutes to read • Contributors  all

Microsoft Azure Service Bus is a fully managed enterprise [integration](#) message broker. Service Bus is most commonly used to decouple applications and services from each other, and is a reliable and secure platform for asynchronous data and state transfer. Data is transferred between different applications and services using *messages*. A message is in binary format, which can contain JSON, XML, or just text.

Some common messaging scenarios are:

- Messaging: transfer business data, such as sales or purchase orders, journals, or inventory movements.
- Decouple applications: improve reliability and scalability of applications and services (client and service do not have to be online at the same time).
- Topics and subscriptions: enable 1:n relationships between publishers and subscribers.
- Message sessions: implement workflows that require message ordering or message deferral.

Option A is incorrect since this is used as a workflow service.

Option B is incorrect since this is used for managing API's.

Option D is incorrect since this is used as an ETL service on the cloud.

For more information on the Azure Service Bus, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/service-bus-messaging/service-bus-messaging-overview>

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**Question 49**

**Unattempted**

**Domain :Describe Azure cost management and Service Level Agreements**

A company is planning to host an application on a set of Virtual Machines. The Virtual Machines are going to be running for a longer period. Which of the following should be considered to reduce the overall cost of Virtual Machine usage?

- A. Premium Disks
- B. Virtual Machine Scale sets
- C. Azure Reservations 
- D. Azure Resource Groups

---

**Explanation:**

Answer – C

The Microsoft documentation mentions the following.

## What are Azure Reservations?

08/08/2018 • 4 minutes to read • Contributors  all

Azure Reservations helps you save money by pre-paying for one-year or three-years of virtual machine, SQL Database compute capacity, Azure Cosmos DB throughput, or other Azure resources. Pre-paying allows you to get a discount on the resources you use. Reservations can significantly reduce your virtual machine, SQL database compute, Azure Cosmos DB, or other resource costs up to 72% on pay-as-you-go prices. Reservations provide a billing discount and don't affect the runtime state of your resources.

Option A is incorrect since using Premium Disks is an expensive option.

Option B is incorrect since this is used for scalability of your virtual machines.

Option D is incorrect since this is used for grouping your Azure resources.

For more information on Azure Cost Reservations, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/billing/billing-save-compute-costs-reservations>

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**Question 50**

**Unattempted**

Domain :Describe Azure cost management and Service Level Agreements

A company has launched a set of Virtual Machines in their Pay-as-you-go Azure subscription. After launching a set of VM's, they seem to be hitting a constraint. They cannot provision additional Virtual Machines. Which of the following can be done to allow the company to provision more Virtual Machines?

- A. Raise a support ticket with Microsoft. 
- B. Increase the limit in the Azure Monitor.
- C. Increase the limit using the Azure CLI.
- D. Increase the limit in Azure Advisor.

#### Explanation:

Answer - A

##### ⓘ Note

If you want to raise the limit or quota above the **Default Limit**, [open an online customer support request at no charge](#). The limits can't be raised above the **Maximum Limit** value shown in the following tables. If there is no **Maximum Limit** column, then the resource doesn't have adjustable limits.

[Free Trial subscriptions](#) are not eligible for limit or quota increases. If you have a [Free Trial subscription](#), you can upgrade to a [Pay-As-You-Go](#) subscription. For more information, see [Upgrade Azure Free Trial to Pay-As-You-Go](#) and [Free Trial subscription FAQ](#).

Since this is clearly mentioned in the Microsoft documentation, all other options are incorrect.

For more information on Azure subscription service limits, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-subscription-service-limits>

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Question 51

Unattempted

Domain :Describe identity, governance, privacy, and compliance features

A company wants to set up users in its Azure Account. They have segregated their users into groups. They now want to ensure that they set the right privileges for users and administrators accordingly. They need to manage the privileges effectively.  
You recommend using Azure Policies.  
Does this recommendation meet the requirement?

- A. Yes
- B. No 

---

**Explanation:**

Answer – B

Azure policies are used from more of a governance aspect. The Microsoft documentation mentions the following on Azure policies.

## What is Azure Policy?

12/06/2018 • 9 minutes to read • Contributors 

Governance validates that your organization can achieve its goals through an effective and efficient use of IT. It meets this need by creating clarity between business goals and IT projects.

For more information on Azure policies, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/governance/policy/overview>

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**Question 52**

**Unattempted**

Domain :Describe identity, governance, privacy, and compliance features

A company wants to set up users in their Azure Account. They have segregated their users into groups. They now want to ensure that they set the right permissions for users and administrators accordingly. They need to manage the permissions effectively.  
You recommend using Azure Role-Based Access.  
Does this recommendation meet the requirement?

A. Yes 

B. No

#### Explanation:

Answer – A

This is the right way to manage permissions. The Microsoft documentation mentions the following on Role-Based Access control.

## What is role-based access control (RBAC)?

01/14/2019 • 7 minutes to read • Contributors 

Access management for cloud resources is a critical function for any organization that is using the cloud. Role-based access control (RBAC) helps you manage who has access to Azure resources, what they can do with those resources, and what areas they have access to.

RBAC is an authorization system built on [Azure Resource Manager](#) that provides fine-grained access management of resources in Azure.

## What can I do with RBAC?

Here are some examples of what you can do with RBAC:

- Allow one user to manage virtual machines in a subscription and another user to manage virtual networks
- Allow a DBA group to manage SQL databases in a subscription
- Allow a user to manage all resources in a resource group, such as virtual machines, websites, and subnets
- Allow an application to access all resources in a resource group

For more information on Role-based access control, please visit the below URL–

<https://docs.microsoft.com/en-us/azure/role-based-access-control/overview>

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**Question 53****Unattempted****Domain :Describe identity, governance, privacy, and compliance features**

A company wants to set up users in their Azure Account. They have segregated their users into groups for their different Azure Subscriptions that they own. They now want to ensure that they set the right permissions for users and administrators accordingly. They need to manage the permissions effectively.

You recommend using Azure Management Groups.

Does this recommendation meet the requirement?

A. Yes

B. No

**Explanation:**

Answer – A

Azure management groups are used for organizing resources in Azure. The Microsoft documentation mentions the following on Azure management groups.

## Organize your resources with Azure management groups

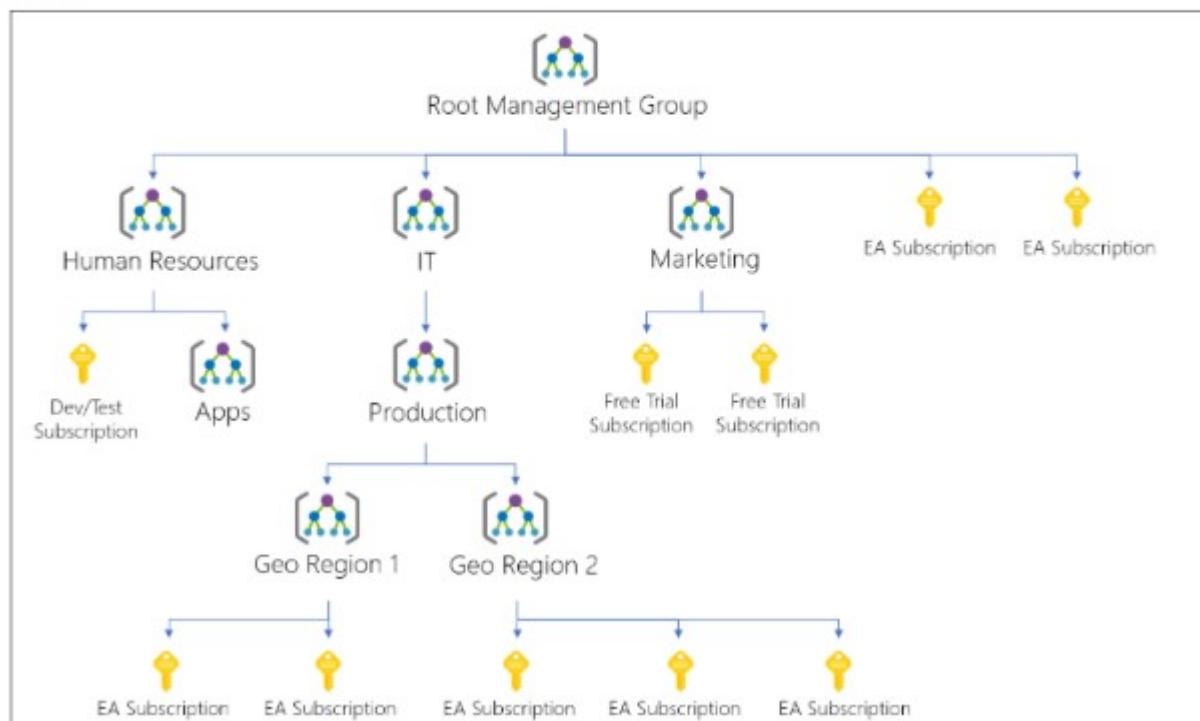
02/19/2019 • 7 minutes to read • Contributors 

If your organization has many subscriptions, you may need a way to efficiently manage access, policies, and compliance for those subscriptions. Azure management groups provide a level of scope above subscriptions. You organize subscriptions into containers called "management groups" and apply your governance conditions to the management groups. All subscriptions within a management group automatically inherit the conditions applied to the management group. Management groups give you enterprise-grade management at a large scale no matter what type of subscriptions you might have.

For example, you can apply policies to a management group that limits the regions available for virtual machine (VM) creation. This policy would be applied to all management groups, subscriptions, and resources under that management group by only allowing VMs to be created in that region.

## Hierarchy of management groups and subscriptions

You can build a flexible structure of management groups and subscriptions to organize your resources into a hierarchy for unified policy and access management. The following diagram shows an example of creating a hierarchy for governance using management groups.



For more information on Azure Management Groups, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/governance/management-groups/>

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**Question 54**

**Unattempted**

**Domain :Describe core solutions and management tools on Azure**

A company wants to host its applications on Azure using serverless components. They don't want to manage the underlying infrastructure for the application.

Which of the following could be used to host code that could be run on a serverless infrastructure?

- A. Azure Logic Apps
- B. Azure Service Bus
- C. Azure Function 
- D. Azure Storage

**Explanation:**

Answer – C

The Microsoft documentation mentions the following.

## An introduction to Azure Functions

10/03/2017 • 4 minutes to read • Contributors View all

Azure Functions is a solution for easily running small pieces of code, or "functions," in the cloud. You can write just the code you need for the problem at hand, without worrying about a whole application or the infrastructure to run it. Functions can make development even more productive, and you can use your development language of choice, such as C#, F#, Node.js, Java, or PHP. Pay only for the time your code runs and trust Azure to scale as needed. Azure Functions lets you develop [serverless](#) applications on Microsoft Azure.

Option A is incorrect because this is designed to implement workflows in Azure.

Option B is incorrect because this is used as a messaging service in Azure.

Option D is incorrect because this is used as a storage service in Azure.

For more information on Azure Functions, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview>

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[View Queries](#)[open ▾](#)**Question 55****Incorrect****Domain :Describe core solutions and management tools on Azure**

A company wants to host its applications on Azure using serverless components. They don't want to manage the underlying infrastructure for the application.

Which of the following could be used to implement a workflow that could be run on a serverless infrastructure?

- A. Azure Logic Apps 
  - ✓ B. Azure Service Bus 
  - C. Azure Function App
  - D. Azure Storage
-

**Explanation:**

Answer – A

The Microsoft documentation mentions the following.

# What is Azure Logic Apps?

06/29/2018 • 8 minutes to read • Contributors 

[Azure Logic Apps](#) is a cloud service that helps you automate and orchestrate tasks, business processes, and [workflows](#) when you need to integrate apps, data, systems, and services across enterprises or organizations. Logic Apps simplifies how you design and build scalable solutions for app [integration](#), data integration, system integration, enterprise application integration (EAI), and business-to-business (B2B) communication, whether in the cloud, on premises, or both.

Option B is incorrect because this is used as a messaging service in Azure.

Option C is incorrect because this is used to host functions in Azure.

Option D is incorrect because this is used as a storage service in Azure.

For more information on Azure Logic Apps, please visit the below URL-

<https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview>

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