

**Q1) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“Data that is copied to an Azure Storage account is maintained automatically in at least three copies”.**

Correct

**Explanation:-**This option is CORRECT because, the data in an Azure storage account is automatically replicated thrice (i.e) three copies of the data (within the data center) are maintained automatically by Azure as the default

Incorrect

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**Q2) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“All data that is copied to an Azure Storage account is backed up automatically to another Azure data center ”.**

Correct

Incorrect

**Explanation:-**This option is CORRECT because, the data in an Azure storage account is automatically replicated (consider it as a “copy” or as a “backup”) within the data center only and NOT to another Azure data center

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**Q3) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“An Azure Storage account can contain upto 2TB of data and upto 1 million files”.**

Correct

Incorrect

**Explanation:-**The statement is INCORRECT because Azure Storage accounts are not limited by the size of the data or the number of files. A Azure Storage account can contain unlimited files and petabytes of data.

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**Q4) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“An Azure service in general availability is released to a subset of Azure customers ”.**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here, because when a product becomes “generally available” it means that the product or service (Azure service) is available to ALL customers and NOT just a subset of customers (Azure Customers). All the customers can use the service based on the pricing terms, as per the availability per region etc.

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**Q5) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“A company can store resources in multiple subscriptions ”.**

Correct

**Explanation:-**This option is the CORRECT answer here because a company can store resources in multiple Azure subscriptions.

Incorrect

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**Q6) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“Storing 1 TB of data in Azure Blob storage will always cost the same, regardless of the Azure region in which the data is located ”.**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here because the storage pricing for BLOB also depends on the region in which it is stored. This can be verified through the “Pricing Calculator” in Azure as shown below.

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**Q7) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“When you use a general-purpose v2 Azure Storage account, you are only charged for the amount of data that is stored. All read and write operations are free ”.**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here because when a “General Purpose V2” is used as “Storage Account Type” as shown below, in addition to storage costs you are also CHARGED for the read and write operations. Please also note that the cost of the read and write operations also depend on the type of the region that is chosen, redundancy and the access tiers that are chosen from the dropdowns given in the “Pricing Calculator”.

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**Q8) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**“Transferring data between Azure Storage accounts in different Azure regions is free ”.**

Correct

Incorrect

**Explanation:-**The question is asking for data transfer in “different” Azure regions.

This optoin is the CORRECT answer here because the “outbound” data transfer is CHARGED between two “different” regions.

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**Q9) Which Azure management tools can be used for Windows 10?**

Azure CLI and Azure Portal

**Explanation:-**This option is INCORRECT since Azure PowerShell is also available to install in windows.

Azure Portal and Azure PowerShell

**Explanation:-**This option is INCORRECT since Azure CLI is also available to install in windows.

Azure CLI and Azure PowerShell

**Explanation:-**This option is INCORRECT since you can use Azure Portal from any browser in windows.

Azure CLI, Azure Portal, and Azure PowerShell

**Explanation:-**This option is CORRECT here because Azure CLI and Powershell softwares are available to install on Windows, macOS, and Linux environments and from any browser you can access azure portal.

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#### **Q10)**

**A company is planning on hosting resources in Azure. They want to ensure that Azure complies with the rules and regulations of the region for hosting resources.**

**Which of the following can assist the company in getting the required compliance reports?**

Azure Security Centre

**Explanation:-**This option is incorrect since this is a unified infrastructure security management system in Azure. For more information on Microsoft Trust Center, please visit the below URL <https://docs.microsoft.com/en-us/azure/security/security-microsoft-trust-center>

Azure Advisor

**Explanation:-**This option is incorrect since this is used to provide recommendations in Azure. For more information on Microsoft Trust Center, please visit the below URL <https://docs.microsoft.com/en-us/azure/security/security-microsoft-trust-center>

Microsoft Trust Centre

**Explanation:-**The Microsoft documentation mentions below on what are the services offered by the Microsoft Trust Center. For more information on Microsoft Trust Center, please visit the below URL <https://docs.microsoft.com/en-us/azure/security/security-microsoft-trust-center>

Azure AD

**Explanation:-**This option is incorrect since this is used for identity management. For more information on Microsoft Trust Center, please visit the below URL <https://docs.microsoft.com/en-us/azure/security/security-microsoft-trust-center>

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#### **Q11)**

**A company has just deployed a Virtual Machine named demovm to Azure.**

**The overview of the Virtual Machine is shown below.**

**The company needs to know if the underlying infrastructure in Azure hosting the Virtual Machine has any issues?**

**Where could they view such issues?**

Azure Monitor

**Explanation:-**This option is incorrect since will give you the health of the entire Azure Infrastructure but will not specifically let you know on the infrastructure health for just the Virtual Machine. For more information on Azure resource health, please visit the below URL <https://docs.microsoft.com/en-us/azure/service-health/resource-health-overview>

The Virtual Machine blade

**Explanation:-**Just-in-time virtual machine access can now be configured from the virtual machine blade (in preview) to make it even easier for you to reduce your exposure to threats. Attackers commonly target open ports on internet-facing virtual machines, spanning from port scanning to brute force and DDoS attacks. One way to reduce exposure to an attack is to limit the amount of time that a port on your virtual machine is open. Ports only need to be open for a limited amount of time for you to perform management or maintenance tasks. Just-in-time virtual machine access helps you control the time that the ports on your virtual machines are open.

Azure Advisor

**Explanation:-**This option is incorrect since this is used to provide recommendations in Azure. For more information on Azure resource health, please visit the below URL <https://docs.microsoft.com/en-us/azure/service-health/resource-health-overview>

Azure AD

**Explanation:-**This option is incorrect since this is used for identity management. For more information on Azure resource health, please visit the below URL <https://docs.microsoft.com/en-us/azure/service-health/resource-health-overview>

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#### **Q12)**

**A company has a set of resources deployed to Azure. They want to make use of the Azure Advisor tool.**

**Would the Azure Advisor tool give recommendations on how to configure Virtual Network settings?**

No

**Explanation:-**If you see the Azure Advisor as shown below, the main area recommendations are High Availability , Security , Performance and Cost. For more information on Azure Advisor, please visit the below URL <https://docs.microsoft.com/en-us/azure/advisor/advisor-overview>

Yes

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#### **Q13)**

**A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP.**

**You propose the solution to modify the DDoS protection plan**

**Would this solution fit the requirement?**

No

**Explanation:-**This service is specifically meant to protect your resources against a DDoS attack and not allow traffic into the Virtual machine For more information on DDoS protection, please visit the below URL <https://docs.microsoft.com/en-us/azure/virtual-network/ddos-protection-overview>

Yes

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**Q14)**

**A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP.**

**You make modifications to the Azure firewall**

**Would this solution fit the requirement?**

No

**Explanation:-**The Azure firewall is an appliance you would like to protect the traffic coming into your network. For more information on Azure Firewall, please visit the below URL <https://docs.microsoft.com/en-us/azure/firewall/overview>

Yes

**Explanation:-**

To open a port in the Windows Firewall:

Select the name of your virtual machine in the Microsoft Azure portal.

Click the Connect button in the toolbar.

A Remote Desktop Connection to the virtual machine is downloaded to your local directory.

Open the Remote Desktop Connection with the username and password that you entered when you created the virtual machine.

In the Server Manager, select the Local Server.

In the Properties section, click the link next to the Windows Firewall property.

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**Q15)**

**A company has a virtual machine defined as demovm. This Virtual Machine was created with the standard settings. An application is installed on demovm. It now needs to be ensured that the application can be accessed over the Internet via HTTP. You modify the Azure Traffic Manager profile**

**Would this solution fit the requirement?**

No

**Explanation:-**The Azure Traffic Manager is a DNS-based traffic load balancer For more information on Azure Traffic Manager, please visit the below URL <https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview>

Yes

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**Q16)**

**Most Azure services normally follow the below lifecycle:**

- First they are deployed in private preview
- Then are released in public preview
- And then finally they are released in General availability

**Is this true for the lifecycle for an Azure service for new products?**

No

Yes

**Explanation:-**This is generally the case for new products on the Azure platform. So, first Azure allows customers to try out products in the private preview. For the product the customer would fill up a form. And then Microsoft would make the product available for preview for just the customer. Next the service would be available in public preview based on a select criterion. And then finally the service would be available to the general public. For more information on updates to the Azure platform, please

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**Q17)**

**A company is planning on setting up an Azure account and spinning up resources in the purchased subscription.**

**When it comes to the Service Level Agreement, does Microsoft ensure an SLA of 99.9% uptime for paid Azure services?**

No

Yes

**Explanation:-**If you view the Summary of SLA's in the below given link, you will see all services do give a minimum guarantee of 99.9% SLA. <https://azure.microsoft.com/en-us/support/legal/sla/summary/>

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**Q18)**

**A company is planning on setting up a solution in Azure. The solution would have the following key requirement:**

- Provide a service for hosting a web application

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



**Explanation:-**This is clearly mentioned in Microsoft Documentation. Since this is a clear feature on the tool, all other options are incorrect For more information on Azure App Service, please visit the below URL <https://docs.microsoft.com/en-us/azure/app-service/overview>

- Azure Virtual Network
  - Azure Virtual Machine Scale Sets
  - Azure Data Lake Analytics
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#### **Q19)**

**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 and breached the standard SLA defined by Microsoft.**

**Will Microsoft reimburse the downtime cost ?**

- Yes, they would by providing a service free of cost to use for a specific duration of time.
- Yes, they would by providing service credits to the customer

**Explanation:-**If you look at the pricing FAQ, you can see that Microsoft offers Service level credits if it does not meet the SLA targets. For more information on Azure pricing FAQ's, please visit the below URL <https://azure.microsoft.com/en-us/pricing/faq/>

- Yes, they would by spinning up another Virtual Machine free of cost for the client
  - No they would not reimburse.
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#### **Q20)**

**A company is planning on moving 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?**

- Yes
- No

**Explanation:-**

Azure cost management is for resources already present in Azure and the question states that the company is planning to move to Azure. Since, the resources are not yet in Azure, and thus cannot use Azure Cost Management will not be available. Therefore it is suggested to use the Pricing Calculator.

The Azure Pricing Calculator is a web-based tool that you can access by going to Azure.com in your browser or do a search for the tool. The Azure Pricing Calculator helps you understand the costs of moving your technical estate to Azure, and to estimate pricing once your data and applications are in Azure. This allows you to make better decisions on your move to the cloud by expediting the cost component of the decision.

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

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#### **Q21)**

**A company is planning on moving 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?**

- No

**Explanation:-**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. Cloudyn is an Azure service related to Cost Management that is being deprecated by the end of 2020. Existing Cloudyn features are being integrated directly into the Azure portal wherever possible. No new customers are being onboarded at this time, but support will remain for the product until it is fully deprecated. Reference: <https://docs.microsoft.com/en-us/azure/cost-management-billing/cloudyn/overview> 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. For more information on the Cloudyn service, please visit the below URL <https://docs.microsoft.com/en-us/azure/cost-management/overview>

- Yes
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#### **Q22)**

**Your company is planning on using the Azure App Service (PaaS) to host their set of web applications. Does Azure provide full control over the operating system that hosts the web applications?**

- No

**Explanation:-**

Azure Cloud Services has two main components; the application files such as the source code, DLL, etc. and the configuration file. Together these two will spin up a combination of Worker Roles and Web Roles. On the cloud services, **Azure handles all the hard work of the operating systems** on your behalf, so that the full focus is to build a quality application for the end-users.

Platform as a service (PaaS) is a deployment and development environment within the cloud that delivers simple cloud-based apps to complex, cloud-enabled applications. PaaS is designed to support the complete web application lifecycle of building, testing, deploying, managing, and updating. PaaS includes a complete infrastructure of servers, storages, networking, and middleware development tools like business intelligence

services (BI), database management systems, etc. A complete platform is offered in PaaS in which the client can host their applications without the need to worry about the maintenance of the servers and its operating systems. However, the user of the PaaS service should look after the implementation of the developed application to decide whether to scale it up or down depending on the traffic that the application receives

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

- Yes

#### **Q23)**

**A company wants to migrate their current on-premise servers to Azure. They want to ensure that the servers are running even if a single Azure Data Center goes down.**

**Which of the following terms refers to the solution that needs to be in place to fulfill this requirement?**

- Elasticity

**Explanation:-**This option is incorrect since this refers to how best you can scale up or down based on demand

- Scalability

**Explanation:-**This option is incorrect since this refers to how best you can scale up or down based on demand

- Fault tolerance

**Explanation:-**This concept of Fault tolerance refers to achieving high availability on the cloud. For more information on resiliency in Azure, please visit the below URL <https://azure.microsoft.com/en-us/features/resiliency/>

- Low Latency

**Explanation:-**This option is incorrect since this refers to data transfer

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#### **Q24) When can an organization completely decommission their on-premise data center?**

- When all of their servers are in the public cloud

- When all of their servers are in the public and private cloud

**Explanation:-**

The private cloud can be physically located at your organization's on-site datacenter, or it can be hosted by a third-party service provider. But in a private cloud, the services and infrastructure are always maintained on a private network and the hardware and software are dedicated solely to your organization.\* from Microsoft azure site. So with on-premise cloud (surely private), the company can decommission its data center. And with on azure IaaS and privately managed cloud, the company can not decommission the data center. As the storage is provided by IaaS. Also, if you migrate the entire datacenter from on-premise to the public cloud, then also you can decommission your on-premise data center, as it's no longer used.

When all the servers are migrated to the Azure cloud and you have no dependency left on your on-premise environment, then you can completely look to decommission your on-premises data center. For more information on migration tools available for Azure, please visit the below URL <https://azure.microsoft.com/en-us/migration/>

- When all of their servers are in the private cloud

- When they have a hybrid solution

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#### **Q25)**

**A company has a virtual machine defined in Azure as shown below**

**You want to ensure that no one accidentally deletes the Virtual Machine.**

**Which of the following would you modify to effectively manage this requirement?**

- Configuration

**Explanation:-**This option is incorrect since this is only used to view the configuration of the Virtual Machine

- Locks

**Explanation:-**The Microsoft documentation mentions the purpose of having locks. For more information on Locks, please visit the below URL <https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources>

- Security

**Explanation:-**This option is incorrect since this gives security recommendations on how to protect the Virtual Machine

- Access Control

**Explanation:-**This option is incorrect since this could be partially used to protect the Virtual Machine, but it could affect other operations that could be performed on the Virtual Machine

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#### **Q26)**

**A company has several on-premise computers that run Windows 10. They want to map a network drive from these machines onto Azure Storage.**

**Which of the following would you consider fulfilling this requirement?**

- An Azure SQL Database

- An Azure SQL Datawarehouse

- Azure Storage account – BLOB service

- Azure Storage account – File service

**Explanation:-**

Below is an example of this:

1. Here we have a storage account using the File service
2. A file share named demo is defined. If you click on the Connect button for the file share
3. You will get the instructions to map a drive to the file share

None of the other solutions have the facility to map network drives.

**Q27)**

**A company has a set of resources deployed to Azure. They want to make use of the Azure Advisor tool.**

**Would the Azure Advisor tool give recommendations on how to reduce the cost of running Azure Virtual Machines?**

- Yes

**Explanation:**-Azure offers many services that provide recommendations, including Azure Security Center, Azure Cost Management, Azure SQL DB Advisor, Azure App Service, and others. Advisor pulls in recommendations from all these services so you can more easily review them and take action from a single place. Advisor provides relevant best practices to help you improve availability, security, and performance, achieve operational excellence, and reduce costs. Configure Advisor to target specific subscriptions and resource groups, to focus on critical optimizations. Access Advisor through the Azure portal, the Azure Command Line Interface (CLI), or the Advisor API. Or configure alerts to notify you automatically about new recommendations. Reference: <https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations>

- No
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**Q28)**

**A company is planning on hosting solutions on the Azure Cloud. They need to implement MFA for identities hosted in Azure.**

**There are only two valid ways of authentications for MFA as listed below:**

- Picture Identification
- Passport Number

- Incorrect

**Explanation:**-The Microsoft documentation mentions the different authentication methods available. For more information on the authentication methods, please visit the below URL <https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods>

- Correct
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**Q29)**

**You are working on understanding all the key terms when it comes to International standards, data privacy and data protection policies.**

**Which of the following pertains to the following?**

**"An organization that defines standards used by the United States government"**

- NIST

**Explanation:**-The Microsoft documentation gives an overview of the NIST CSF overview. For more information on the NIST adoption in Azure, please visit the below URL [https://www.microsoft.com/en-us/trustcenter/compliance/NIST\\_CSF](https://www.microsoft.com/en-us/trustcenter/compliance/NIST_CSF)

- ISO
- GDPR
- Azure Government

**Q30)**

**A company is currently planning on deploying resources to Azure. They want to have the ability to manage the compliance of resources across multiple subscriptions.**

**Which of the following can help you achieve this requirement?**

- Azure App Service

**Explanation:**-This option is invalid because this is used to host your web applications.

- Azure Policies

**Explanation:**-This option is incorrect because Azure Policies are valid only within one subscription.

- Resource Groups

**Explanation:**-This option is invalid because this is good for grouping your resources together.

- Management Groups

**Explanation:**-The correct answer is Management Groups. From the Microsoft Documentation: Azure Management Groups are containers for managing access, policies and compliance across multiple Azure subscriptions. For more information on Management Groups, please visit the below URL <https://docs.microsoft.com/en-us/azure/governance/management-groups/> For more information on Azure policies, please visit the below URL <https://docs.microsoft.com/en-us/azure/governance/policy/overview>

**Q31)**

**A company wants to migrate some scripts to Azure. They want to make use of the serverless features available in Azure. They decide to use the Azure Virtual Machine service.**

**Would this service meet the requirement?**

- No

**Explanation:**-This is an Infrastructure as a service product and is not a serverless product. For more information on Azure Windows Virtual Machines, please visit the below URL <https://docs.microsoft.com/en-us/azure/virtual-machines/windows/overview>

- Yes
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**Q32) A company is planning on setting up a Microsoft Azure Free Account.**

**Does the Standard Support plan come along with the Microsoft Azure Free Account?**

Incorrect

**Explanation:**-Azure Standard support is intended for customers running production workloads and offers unlimited 24/7 technical and billing support for your entire organization. It isn't a free service, it's one of 5 support tiers.

Correct

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**Q33) A customer is planning on creating several Free Microsoft Azure Accounts.**

**Is a customer allowed a maximum of 10 Free Microsoft Azure account?**

Incorrect

**Explanation:**-there is a limit of one account with 12 months free access to products and \$200 credit per new customer. You can, however, use as many products as you like beyond the free amounts by upgrading your account to pay-as-you-go pricing.

Correct

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**Q34) A company is planning on purchasing Azure AD Premium for their Microsoft Azure account.**

**Does the Azure AD Premium tier come with an SLA of 99.9%?**

Correct

**Explanation:**-Microsoft guarantees 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.

Incorrect

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**Q35) A company wants to try out some services which are being offered by Microsoft Azure in Public Preview.**

**Should the company deploy resources which are part of Public Preview in their production environment?**

Incorrect

**Explanation:**-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.

PREVIEWS ARE PROVIDED "AS-IS," "WITH ALL FAULTS," AND "AS AVAILABLE," AND ARE EXCLUDED FROM THE SERVICE LEVEL AGREEMENTS AND LIMITED WARRANTY which is the main reason not to release in your production environment as you have no binding SLA. Previews may not be covered by customer support. Previews may be subject to reduced or different security, compliance and privacy commitments, as further explained in the Microsoft Online Services Privacy Statement, Microsoft Azure Trust Center, the Online Services Terms, and any additional notices provided with the Preview. Customers should not use Previews to process Personal Data or other data that is subject to heightened compliance requirements. Certain named Previews may also be subject to additional terms set forth below, if any. We may change or discontinue Previews at any time without notice. We also may choose not to release a Preview into "General Availability."

Correct

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**Q36)**

**A company wants to provision a solution with the following requirements:**

**- Provision a wordpress solution**

**- Host the solution on a Virtual Machine**

**Which of the following could be used to quickly deploy the required solution?**

Azure Web Apps

**Explanation:**-This option is incorrect since this used as a Platform as a service solution for web applications

Azure Marketplace

**Explanation:**-You can easily search for custom solutions in the Azure Marketplace. You can so easily even deploy these solutions onto Azure. You can visit the Azure Marketplace via the following URL <https://azuremarketplace.microsoft.com/en-us/marketplace/>

Azure Resource Groups

**Explanation:**-This option is incorrect since this used to categorize resources

Virtual Machine Scale sets

**Explanation:**-This option is incorrect since there is no mention of the need of a scalable solution

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**Q37)**

**A company is planning on hosting a set of resources in Azure. They want to protect their resources against DDoS attacks and also get real time attack metrics.**

**Which of the following should the company opt for?**

DDoS Protection Isolated

DDoS Protection Premium

DDoS Protection Standard

**Explanation:**-This is mentioned in the Microsoft Documentation. Since this is clearly mentioned in the documentation, all other options are incorrect. For more information on Azure IoT Hub, please visit the below URL <https://docs.microsoft.com/en-us/azure/virtual-network/ddos-protection-overview>

DDoS Protection Basic

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**Q38)**

**A company has a set of resources deployed to Azure. They want to make use of the Azure Advisor tool.**

**Would the Azure Advisor tool give recommendations on how to improve the security of the Azure AD environment?**

- No
- Yes

**Explanation:-**

The snapshot from the Microsoft documentation shows the interrelation between Azure Advisor and Azure Security Center. Azure Security can give you recommendations on how to secure your resources in Azure. Azure AD is already a secure platform. You should instead focus on how to secure sign-ins that occur using Azure AD. For more information on Azure AD security recommendations, please visit the below URL <https://docs.microsoft.com/en-us/azure/advisor/advisor-security-recommendations>

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**Q39) A company is planning on hosting solutions on the Azure Cloud. They need to implement MFA for identities hosted in Azure. Is it necessary to deploy a federation solution or sync on-premise identities to the cloud?**

- No, it is not necessary to deploy a federation solution or sync on-premise identities to the cloud

**Explanation:-** There are various ways to implement MFA on Azure, like using Conditional Access policies. In Azure AD, you can also manage MFA settings. 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-mfasettings>

- Yes, it is necessary to deploy a federation solution or sync on-premise identities to the cloud

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**Q40)**

**A company has deployed their solutions on to Azure. They have users that connect to Azure AD via the Internet. They have the requirement that if users try to login from an anonymous IP address, they are then prompted to change their password.**

**Which of the following should the company consider for this requirement?**

- Azure AD Identity Protection

**Explanation:-** You have to create a policy in Azure AD Identity Protection. 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>

- Azure Advanced Threat Protection (ATP)

**Explanation:-** This option is incorrect since this is used to protect resources in Azure

- Azure AD Privileged Identity Management

**Explanation:-** This option is incorrect since it is used for privileged level access in Azure

- Azure AD Connect Health

**Explanation:-** This option is incorrect since this is used to check the health status of Azure AD Connect

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**Q41)**

**A company plans to setup 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 "montana".**

**You recommend using Azure locks for implementing this requirement.**

**Would this recommendation fulfill the requirement?**

- No

**Explanation:-** 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/resource-group/resource-group-lock-resources>

- Yes

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**Q42)**

**A company plans to setup 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 "montana".**

**You recommend using Azure Key Vault for implementing this requirement.**

**Would this recommendation fulfill the requirement?**

- No

**Explanation:-** 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>

- Yes

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**Q43) What is required to use Azure Cost Management?**

- a Dev/Test subscription

**Explanation:-** This option is INCORRECT here since there is no such subscription like a Dev/Test subscription.

- Software Assurance

**Explanation:-** This option is INCORRECT here. Software Assurance helps keep your business up to date with a unique set of technologies, and services, and rights to maximize your Microsoft investment.

- an Enterprise Agreement (EA)

**Explanation:-** This option is INCORRECT here. The Microsoft Enterprise Agreement (EA) is an agreement between Azure and customer which will commit them to pay negotiated amounts which then you have to pay annually.

- a pay-as-you-go subscription

**Explanation:-** This option is CORRECT here because Azure Cost Management is now generally available for all Pay-As-You-Go and Azure

**Q44)**

**For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"If you have Azure resources deployed to every region, you can implement availability zones in all the regions".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here. This is because NOT all the Azure regions are available to all the customers and the general public. There are some restricted regions earmarked to the US Government, that the general public DO NOT have access to. Therefore, the general public CANNOT deploy their Azure resources in these regions (they are NOT available to the general public). Therefore, Azure resources CANNOT be deployed to every region. When the regions themselves are not accessible, then we cannot speak of the availability zones in these regions.

In the given link, in the dropdown "Select a Geography" select "United States". If you go the "Azure Government" tab, you can see that these Azure regions are not available to the general public.

---

**Q45) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"Only virtual machines that run Windows Server can be created in availability zones".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer because the type of the VMs in Azure that can be created in an availability zone can be of the types: Ubuntu, RHEL8.2, SUSE, CentOS, Debian, Oracle Linux and Windows Server as given in the "Image" dropdown from the Azure portal while creating the Virtual Machine in Azure portal

---

**Q46) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"Availability zones are used to replicate data and applications to multiple regions".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here, because by default the Availability zone in Azure is used for replicating the applications and data within an Azure region only. This is done for ensuring "high availability"

---

**Q47) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here, because the Azure Advisor will give the list of VMs for which Backup is NOT enabled. This will be seen under the "Security recommendations".

---

**Q48) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"If you implement the security recommendations provided by the Azure Advisor, your company's secure score will decrease".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because the "Security Score" is maintained by the "Azure Security Center" and it is not connected to "Azure Advisor" and therefore the score will not be impacted if the security recommendations provided by Azure Advisor is implemented or not.

---

**Q49) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because it is not a pre-requisite to implement the security recommendations provided by Azure Advisor within a period of 30 days to maintain Microsoft support.

---

**Q50) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"Azure Firewall will encrypt all the network traffic sent from Azure to the internet".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because an Azure Firewall does not have "encryption" as one of its feature and therefore it will NOT encrypt all the network traffic sent from Azure to internet.

---

**Q51) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"A network security group (NSG) will encrypt all the network traffic sent from Azure to the internet".**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because a NSG is used only to filter network traffic to and from Azure and the internet and it will NOT encrypt the network traffic.

**Q52) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the internet”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because Azure VMs that run on Windows Server 2016 does NOT encrypt the network traffic sent from VM to any machine on the internet

**Q53) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here, because in Azure both the guest users and the employees (members at the company authorized by Azure Active Directory) can access the resources in the Azure public cloud. This can be cross-verified by going to the “Active Directory” and check for the users who have been granted access to the resources in the Public cloud. As highlighted below (from Azure AD), both the guest users and members can be seen given permissions to access the Azure resources.

**Q54) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources ”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because the Azure AD Identity Governance enables the identities stored in Azure AD, third-party cloud services and on-premises AD to access the Azure resources.

- Incorrect

**Q55) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“Azure has built-in authentication and authorization services that provide secure access to Azure resources ”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because Azure Active Directory is part of the Azure public cloud that is generally used for authentication and authorization services and used as an identity and access management services to provide access to various Azure resources.

- Incorrect

**Q56) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“If your company uses an Azure free account, you will only be exposed to a subset of Azure services”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because there are more Azure services that are ALWAYS FREE. Therefore even if a user has an Azure Free Account he will be exposed to the whole range of Azure Services that can be viewed from the portal shown below.

**Q57) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“All Azure free accounts expire after a specific period”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because all the Azure Free Accounts can be used for a period of 30 days.

- Incorrect

**Q58) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“You can create upto 10 Azure free accounts by using the same Microsoft account”.**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here because only one Azure Free account can be created using the same Microsoft account

**Q59) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“An Azure resource group contains multiple Azure subscriptions”.**

- Correct
- Incorrect

**Explanation:-**This option is CORRECT because a resource group belongs to only one subscription (one-to-one relationship), whereas a single Azure Subscription can contain multiple Azure Resource groups (one-to-many relationship)

**Q60) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**“All Azure services in private preview must be accessed by using a separate Azure portal”.**

- Correct
- Incorrect

**Explanation:-**This option is CORRECT here because in the same Azure portal if you go to “All Services” you can see the services that are in

**Q61) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"Azure services in public preview can be used in production environments".**

Correct

**Explanation:-**The question is asking whether the public preview Azure services "can" be used in Production environments. This option is the CORRECT answer here, because the Azure services in public preview "can" be used in production environments. It is up to the "customer" to decide, whether the Azure services in Public Preview "can" be used in production environments. He should also note that the "Public Preview" is NOT covered by any SLA as shown below

Incorrect

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**Q62) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"Azure services in public preview are subject to a Service Level Agreement (SLA)".**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here because Azure services in public preview are not covered under any Service Level Agreement (SLA) as shown below

---

**Q63) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"Most Azure services are introduced in private preview before being introduced in public preview, and then in general availability ".**

Correct

**Explanation:-**This option is the CORRECT answer here because, first the Azure services are introduced in "private preview" before being introduced in "public preview" After the "public preview" is done and the product is evaluated for its pros and cons then it is introduced in "general availability" in which it is thrown open to all customers for usage.

Incorrect

---

**Q64) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"Azure services in public preview can be managed only by using the Azure CLI ".**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here because the Azure services in public preview can also be managed using the Azure portal. Azure CLI is a cross-platform tool that can also be used for managing Azure services in Public preview.

---

**Q65) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"An Azure free account has a spending limit".**

Correct

**Explanation:-**This option is the CORRECT answer here because the Azure Free Account has a spending limit of \$200 for the first 30 days after which the Azure Free Account is created.

Incorrect

---

**Q66) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"An Azure free account has a limit for the amount of data that can be uploaded to Azure".**

Correct

Incorrect

**Explanation:-**The question is asking for the limit on the inbound (ingress) data transfer "into" Azure. This option is the CORRECT answer here because the inbound data transfer (into Azure) is ALWAYS FREE irrespective of the account in Azure (free or pay-as-you-go subscription).

---

**Q67) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"An Azure free account can contain an unlimited number of web apps ".**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here because an Azure Free Account can have only 10 web apps as shown below

---

**Q68) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"An Azure service in private preview is released to all Azure customers ".**

Correct

Incorrect

**Explanation:-**This option is the CORRECT answer here because the "Private Preview" in Azure is available only to "select customers" and NOT available to all customers

---

**Q69) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**  
**"Azure resources can only access other resources in the same resource group ".**

Correct

Incorrect

**Explanation:**-This option is the CORRECT answer here because the Azure resources can access other resources in other resource groups too (by default). However the access can be restricted by roles, permissions, Network Access Control List (NACL) and Security Groups (SG) for access based on the requirements.

**Q70) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"All the resources deployed to a single resource group must share the same Azure region".**

- Correct
- Incorrect

**Explanation:**-This option is the CORRECT answer here, because a resource created within a resource group CAN BE DEPLOYED to other Azure regions too. As shown below if you create a VM in an Azure resource group the "Region" dropdown BY DEFAULT displays the region of the Azure Resource Group. However, the user has the option to change it to some other region from the dropdown as shown below. This can be seen from the screenshot taken from the Azure Portal as shown below.

**Q71) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

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

- Correct
- Incorrect

**Explanation:**-This option is the CORRECT answer here because tags are NOT inherited and therefore if you assign a tag to a resource group, then all the resources in that resource group are NOT assigned to the same tag.

**Q72) For the statement given below, select Correct if the statement is true, else select Incorrect if it is false.**

**"If you set permissions to a resource group, all the Azure resources in that resource group inherit the permissions ".**

- Correct

**Explanation:**-This option is the CORRECT answer here, because resources within an Azure resource group inherit permissions (Parent -> Azure Resource Group and Child-> Azure Resources). Roles are nothing but a set of permissions. Therefore, the roles (the set of permissions) are inherited by the resources from the Azure Resource Group.

- Incorrect

**Q73) Your company has 10 departments.**

**The company plans to implement an Azure environment.**

**You need to ensure that each department can use a different payment option for the Azure services it consumes.**

**What should you create for each department?**

- a reservation

**Explanation:**-This option is INCORRECT here because Azure Reservations help you save money by committing to one-year or three-year plans for multiple products. It has nothing to do with billing of your resources for your department.

- a subscription

**Explanation:**-This option is CORRECT here because all the Azure services which you deploy are billed against the subscription you have. subscription is used for billing purposes. So you can create different subscriptions for each department and billed them accordingly.

- a resource group

**Explanation:**-This option is INCORRECT here since it is a container when you can deploy your azure resources. It is not used for billing purposes, instead you can use a resource group for managing your resources efficiently.

- a container instance

**Explanation:**-This option is INCORRECT here because Azure Container Instances allows you to run a container without provisioning virtual machines or having to use container orchestrators like Kubernetes or DC/OS. But here the question is for billing of azure resources. That is why it is not the correct answer.

**Q74) Let us suppose you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs**

- Correct
- Incorrect

**Explanation:**-VMs usually use some form of storage, such as Azure Managed Disks, which are the new and recommended disk storage offering for use with Azure virtual machines for persistent storage of data. You can use multiple Managed Disks with each virtual machine. Microsoft offers four types of Managed Disks — Ultra Disk, Premium SSD Managed Disks, Standard SSD Managed Disks, Standard HDD Managed Disks. If one VM stops and the other runs, the cost will not be the same. If one VM has storage and the other does not, the cost will not be the same. If you scale in or out one VM, the cost will not be the same.

**Q75) A company has a set of resources deployed to Microsoft Azure.**

**They want to make use of the Azure Advisor tool.**

**Would the Azure Advisor tool give recommendations on how to configure Virtual Network settings ?**

- Incorrect

**Explanation:**-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.

- Correct

**Q76) A company is planning on deploying resources to Microsoft Azure. Which of the following in Azure provides a common platform for deploying objects to the Azure Cloud Infrastructure and also allows implementing consistency across the environment?**

- Azure policies
- Azure Management Groups
- Azure Resource Manager

**Explanation:-**Azure Resource Manager because Azure Resource Manager is the deployment and management service for Azure. It provides a management layer that enables you to create, update, and delete resources in your Azure subscription. You use management features, like access control, locks, and tags, to secure and organize your resources after deployment.

The benefits of using Resource Manager include:

Manage your infrastructure through declarative templates rather than scripts.

Deploy, manage, and monitor all the resources for your solution as a group, rather than handling these resources individually.

Redeploy your solution throughout the development lifecycle and have confidence your resources are deployed in a consistent state.

Define the dependencies between resources so they're deployed in the correct order.

Apply access control to all services in your resource group because Role-Based Access Control (RBAC) is natively integrated into the management platform.

Apply tags to resources to logically organize all the resources in your subscription.

Clarify your organization's billing by viewing costs for a group of resources sharing the same tag.

- Azure Resource Groups

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**Q77) A company is planning on setting up a solution within Microsoft Azure.**

**The solution would have the following key requirement:**

- Provide a digital online assistant that provides speech support

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

- Azure Functions
- Azure AI Bot Service

**Explanation:-**Azure AI Bot Service because Azure Bot Service and Bot Framework provide tools to build, test, deploy, and manage intelligent bots, all in one place. Through the use of modular and extensible framework provided by the SDK, tools, templates, and AI services developers can create bots that use speech, understand natural language, handle questions and answers, and more.

- Azure IoT Hub
- Azure Machine Learning

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**Q78) You plan to deploy several Azure virtual machines.**

**You need to ensure that the services running on the virtual machines are available if a single data center fails.**

**Solution: Deploy the virtual machines to two or more resource groups.**

**Does this meet the goal?**

- Correct
- Incorrect

**Explanation:-**This option is the CORRECT answer here, because when VMs are deployed in two or more resource groups it will NOT prevent the VMs from a single data center failure.

As per Azure documentation, deploying VMs in two or more availability zones only can keep the VMs available even if a single data center fails.

---

**Q79) Correct or Incorrect: In Azure, an Availability Zone is different from a zone.**

- Correct

**Explanation:-**An Azure Availability Zone is different from a zone. A zone is a geographic grouping of Azure regions for billing purpose. Data transfer pricing is based on the zones. An Availability Zone is an isolated location inside an Azure region and has its own independent power source, network, and cooling. The physical and logical separation of Availability Zones within an Azure region protects applications and data from zone-level failures. Availability Zone data transfer pricing is based on Availability Zones.

- Incorrect

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**Q80) An organization has deployed multiple services in its Azure subscription and is looking for ways to reduce cost for persistent services and workloads. Which of the following would you recommend?**

- Azure Monitor
- Azure Reservations

**Explanation:-**Azure Reservations helps you save money by committing to one-year or three-year plans for multiple products. If you have consistent resource usage that supports reservations, buying a reservation gives you the option of reducing your costs. For example, when you continuously run instances of a service without a reservation, you're charged at pay-as-you-go rates. When you buy a reservation, you immediately get the reservation discount, and the resources are no longer charged at the pay-as-you-go rates.

- Azure reserved instances
- Azure TCO calculator

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**Q81) In Azure Cost Management, which of the following helps you plan for and drive organizational accountability?**

- Budgets

**Explanation:-**Budgets in Azure Cost Management helps you plan for and drive organizational accountability. With Budgets, you can account for the Azure services you consume or subscribe to during a specific period. A budget helps you inform others about their spending to proactively manage costs and to monitor how spending progresses over time. When the budget thresholds you've created are exceeded, notifications are triggered. None of your resources are affected, and your consumption isn't stopped. You can use Budgets to compare and track spending as you analyze costs.

- Bandwidth
- Pricing
- Costing

**Q82) Which of the following does each Azure subscription have assigned to it?**

- Restrictions
- Limits

**Explanation:**-Each Azure subscription has limits (also sometimes known as quotas) assigned to it. For example, you can have up to 10,000 management groups per directory, 256 private IP addresses per virtual machine, and 1,000 load balancers in a subscription.

- Security functions
- Marginal costing

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**Q83) Which of the following delivers a dedicated cloud that enables government agencies and their partners to transform mission-critical workloads to the cloud?**

- Azure Dcloud
- Azure Government

**Explanation:**-Azure Government is a cloud platform built on the foundational principles of security, privacy and control, compliance, and transparency. Azure Government delivers a dedicated cloud that enables government agencies and their partners to transform mission-critical workloads to the cloud. Azure Government services handle data that is subject to certain government regulations and requirements, such as FedRAMP, NIST 800.171 (DIB), ITAR, IRS 1075, DoD L4, and CJIS. In order to provide the highest level of security and compliance, Azure Government uses physically isolated data centers and networks (located in the United States only).

- Azure Private
- Azure ACloud

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**Q84) Correct or Incorrect: Azure user-defined routes (UDRs) can be used to override Azure's default system routes.**

- Incorrect
- Correct

**Explanation:**-You can create custom, or user-defined (static), routes in Azure to override Azure's default system routes or to add additional routes to a subnet's route table.

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**Q85) A company is planning on setting up a solution in Microsoft Azure. The solution would have the following key requirement:**

**- Provide an isolated environment for hosting of Virtual Machines**

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

- Azure Virtual Machine Scale Sets
- Azure Virtual Network

**Explanation:**-Azure Virtual Network is the correct answer because Azure Virtual Networks are a representation of your own network in the cloud. It is a logical isolation of the Azure cloud dedicated to your subscription where hosting of isolated Virtual Machines is possible. Each VNet you create has its own CIDR block and can be linked to other VNets and on-premises networks as long as the CIDR blocks do not overlap.

Azure App Service is the incorrect because an Azure App Service enables you to build and host web apps, mobile back ends, and RESTful APIs in the programming language of your choice without managing infrastructure. It offers auto-scaling and high availability, supports both Windows and Linux, and enables automated deployments from GitHub, Azure DevOps, or any Git repo.

Azure Data Lake Analytics is incorrect because Azure Data Lake Analytics is a distributed, cloud-based data processing architecture offered by Microsoft in the Azure cloud. It is based on YARN, the same as the open-source Hadoop platform. It pairs with Azure Data Lake Store, a cloud-based storage platform designed for Big Data analytics.

Azure Virtual Machine Scale Sets is incorrect because Azure Virtual Machine Scale Sets are identical pools of virtual machines running some application you control. Azure provides tools for you to build and configure the VM the way you want it, then create or remove instances of it until you have as many, or as few, as you need at any point in time.

- Azure Data Lake Analytics
- Azure App Service

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**Q86) The IT administrator of your organization is getting the following message on the Azure portal. What is the IT administrator trying to do?**

- Delete an existing subscription
- Add another subscription

**Explanation:**-This message comes up when you try to add a new subscription from an existing Free tier account. Azure Free tier can be converted to a pay-as-you-go subscription. If you upgrade from an Azure Free account, you continue to have access to select free services for the remainder of the 12-month duration of that offer (beginning on the date you signed up for the Azure Free account). Credits provided as part of the Azure Free account are automatically carried over but expire 30 days from the date you signed up for the Azure Free account. At the end of the 12-month period, your account will be billed at the standard pay-as-you-go rates.

- Inquire about existing free credits
- Upgrade the Azure Portal to a newer release

---

**Q87) A company wants to migrate some scripts to Microsoft Azure.**

**They want to make use of the serverless features available in Azure.**

**They decide to use the Azure Functions service.**

**Would this service meet the requirement?**

- Correct

**Explanation:**-Azure Functions is a server-less compute service that lets you run event-triggered code without having to explicitly provision or manage infrastructure. 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#, Java, JavaScript, PowerShell, and Python. Pay only for the time your code runs and trust Azure to scale as needed. Azure Functions lets you develop server-less applications on Microsoft Azure.

For more information, please visit:

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

- Incorrect
- 

**Q88) A company wants to migrate some scripts to Microsoft Azure.**

**They want to make use of the serverless features available in Azure.**

**They decide to use the Azure Content Delivery Network service.**

**Would this service meet the requirement?**

- Incorrect

**Explanation:**-Azure Content Delivery Network (CDN) lets you reduce load times, save bandwidth, and speed responsiveness—whether you're developing or managing websites or mobile apps, or encoding and distributing streaming media, gaming software, firmware updates, or IoT endpoints.

For more information, please visit:

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

- Correct
- 

**Q89) A company wants to provision a solution within Microsoft Azure with the following requirements:**

**- Provision a WordPress solution**

**- Host the solution on a Virtual Machine**

**Which of the following could be used to quickly deploy the above solutions?**

- Azure Resource Groups  
 Azure Marketplace

**Explanation:**-Azure Marketplace is the correct answer because the Azure Marketplace is an online store that offers applications and services either built on or designed to integrate with Microsoft's Azure public cloud. Such solutions include Virtual Machines, developer services, API apps, Azure AD applications, web applications (such as WordPress), data services, and Microsoft Dynamics solutions.

For more information, please visit:

<https://azuremarketplace.microsoft.com/en-us>

Azure Web Apps is incorrect because Azure App Service supports applications defined by Azure as "Web Apps", "Mobile Apps", "API Apps", and "Logic Apps". Azure Cloud Services is a platform that allows developers access to the underlying virtual machines and still manages the application container and deployment automatically.

For more information, please visit:

<https://azure.microsoft.com/en-us/services/app-service/web/>

Azure Virtual Machine Scale Sets is incorrect because Azure Virtual Machine Scale Sets are identical pools of virtual machines running some application you control. Azure provides tools for you to build and configure the VM the way you want it, then create or remove instances of it until you have as many, or as few, as you need at any point in time.

For more information, please visit:

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

Resource Groups is incorrect because Resource groups (RG) in Azure is a new approach to group a collection of assets in logical groups for easy or even automatic provisioning, monitoring, and access control, and for more effective management of their costs.

For more information, please visit:

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

- Virtual Machine Scale sets  
 Azure Web Apps
- 

**Q90) A company wants to host a set of tables in Microsoft Azure.**

**They want absolutely zero administration of the underlying infrastructure and low latency access to data.**

**You recommend using the SQL Database service.**

**Would this meet the requirement?**

- Correct

**Explanation:-**

SQL Database enables you to easily define and scale performance within two different purchasing models: a vCore-based purchasing model and a DTU-based purchasing model. SQL Database is a fully managed service that has built-in high availability, backups, and other common maintenance operations. Microsoft handles all patching and updating of the SQL and operating system code. You don't have to manage the underlying infrastructure.

SQL Data Warehouse is supported by a broad ecosystem of partners, including data preparation, ingestion service and visualisation tool providers. Enjoy guaranteed 99.9 percent availability in 40 Azure regions worldwide.

**Service capabilities:**

- \* Massive query concurrency - Democratise data across your enterprise.
- \* Integrated data processing - Ingest and query from multiple data types and sources within a single solution.
- \* Quick and easy provisioning - Provision thousands of compute cores in less than five minutes and scale to a petabyte in hours.
- \* Elastic design - Independently scale for performance or memory with separate compute and storage.
- \* Advanced security - Help protect your data with virtual network service endpoints, advanced threat detection, always-on encryption, auditing and simplified secure access.
- \* Fully managed infrastructure - Automate infrastructure allocation and workload optimisation to focus on data analysis and use the built-in advisor to optimise your cloud data warehouse.
- \* Strong Ecosystem - Integrate with leading data preparation and visualisation vendors and get support from our partners to accelerate time to value.
- \* Powerful SQL engine - Take advantage of Microsoft SQL Server, the industry's top-performing SQL engine, offering comprehensive support for SQL language.
- \* Industry-leading compliance - Help ensure peace of mind with more than 50 government and industry compliance certifications, including HIPAA.
- \* Global availability - Benefit from availability in 40 Azure regions, the most among all cloud-based data warehouse providers.

Refer: <https://docs.microsoft.com/en-us/azure/azure-sql/database/sql-database-paas-overview>

- Incorrect

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**Q91) A company wants to host a set of tables within Microsoft Azure.**

**They want absolutely zero administration of the underlying infrastructure and low latency access to data.**

**You recommend using the CosmosDB service.**

**Would this meet the requirement?**

- Incorrect
- Correct

**Explanation:-**Azure Cosmos DB is Microsoft's globally distributed, multi-model database service. With a click of a button, Cosmos DB enables you to elastically and independently scale throughput and storage across any number of Azure regions worldwide. You can elastically scale throughput and storage, and take advantage of fast, single-digit-millisecond data access using your favorite API including SQL, MongoDB, Cassandra, Tables, or Gremlin. Cosmos DB provides comprehensive service level agreements (SLAs) for throughput, latency, availability, and consistency guarantees, something no other database service offers.

For more information, please visit:

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

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**Q92) A company wants to host a set of tables within Microsoft Azure.**

**They want absolutely zero administration of the underlying infrastructure and low latency access to data.**

**Solution: You recommend using the Azure App service.**

**Would the solution fulfill the requirement of zero administration?**

- Yes
- No

**Explanation:-**

A web app service would not allow hosting a set of tables. Therefore the solution does not meet the requirement.

---

**Q93) Where in the Azure portal can you find the security options shown in the following screen?**

- Azure Sentinel
- Azure Security Center

**Explanation:-**Microsoft uses a wide variety of physical, infrastructure, and operational controls to help secure Azure, but there are additional actions you need to take to help safeguard your workloads. For example, you can turn on Security Center to quickly strengthen your security posture and protect against threats. Security Center offers posture management for your cloud workloads and enhanced threat protection with Security Center Standard tier.

- Azure Firewall
  - Azure Information Protection
- 

**Q94) Your organization is considering migrating its local IT infrastructure to Azure. You need to read Microsoft's policies regarding customer data privacy in the Azure public cloud. Where should you look up this information?**

- TCO Calculator
- Microsoft Trust Center

**Explanation:-**Azure Trust Center was launched with the goal of providing customers and partners with easier access to regulatory compliance information.

- Service Trust Portal
  - Azure SLAs
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**Q95) Your organization plans to run all its IT operations from Azure. The corporate security team needs a platform from which it can respond to incidents rapidly and investigate security threats by using artificial intelligence (AI). What Azure product should you recommend to the security team?**

- Azure Log Analytics
- Azure Sentinel

**Explanation:-**Microsoft Azure Sentinel is a scalable cloud-native security information event management (SIEM) and security orchestration automated response (SOAR) solution. Azure Sentinel delivers intelligent security analytics and threat intelligence across the enterprise, providing a single solution for alert detection, threat visibility, proactive hunting, and threat response.

Azure Sentinel provides a bird's-eye view across the enterprise, alleviating the stress of increasingly sophisticated attacks, increasing volumes of alerts, and long resolution timeframes. It allows you to do the following:

- Collect data at cloud scale across all users, devices, applications, and infrastructure, both on-premises and in multiple clouds
  - Detect previously undetected threats and minimize false positives using Microsoft's analytics and unparalleled threat intelligence
  - Investigate threats with artificial intelligence and hunt for suspicious activities at scale, tapping into years of cybersecurity work at Microsoft
  - Respond to incidents rapidly with built-in orchestration and automation of common tasks
- Azure Security Center
  - Azure Monitor
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**Q96) Your company has just setup an Azure subscription and an Azure tenant. Is it mandatory for the company to implement all Azure security recommendations within a period of 30 days in order to maintain Microsoft support?**

- Incorrect

**Explanation:-**Microsoft provides the required controls for the customer to implement secure practices for their Azure account. There is no constraint which mentions that you need to implement all security recommendations to maintain Microsoft support.

The Microsoft documentation gives a briefing on the Shared responsibility model that needs to be understood by the customer.

- Correct
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