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Exam Code: AZ-900
Exam Name: Microsoft Azure Fundamentals

Exam A

QUESTION 1
What should you use to evaluate whether your company's Azure environment meets regulatory requirements?

A. the Knowledge Center website
B. the Advisor blade from the Azure portal
C. Compliance Manager from the Service Trust Portal
D. the Solutions blade from the Azure portal

Correct Answer: C
Section:
Explanation:
Compliance Manager in the Service Trust Portal is a workflow-based risk assessment tool that helps you track, assign, and verify your organization's regulatory compliance activities related to Microsoft Cloud services, such as Microsoft 365, Dynamics 365, and Azure.
Reference:
https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-service-trust-portal?view=o365-worldwide

QUESTION 2
Your company has an Azure environment that contains resources in several regions.
A company policy states that administrators must only be allowed to create additional Azure resources in a region in the country where their office is located. You need to create the Azure resource that must be used to meet the policy requirement.
What should you create?

A. a read-only lock
B. an Azure policy
C. a management group
D. a reservation

Correct Answer: B
Section:
Explanation:
Azure policies can be used to define requirements for resource properties during deployment and for already existing resources. Azure Policy controls properties such as the types or locations of resources. Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements. Azure Policy meets this need by evaluating your resources for non-compliance with assigned policies. All data stored by Azure Policy is encrypted at rest. Azure Policy offers several built-in policies that are available by default. In this question, we would use the 'Allowed Locations' policy to define the locations where resources can be deployed. References:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

QUESTION 3
You need to configure an Azure solution that meets the following requirements:
Secures websites from attacks
Generates reports that contain details of attempted attacks
What should you include in the solution?

A. Azure Firewall

B. a network security group (NSG)

C. Azure Information Protection

D. DDoS protection

Correct Answer: D
Section:
Explanation:
DDoS is a type of attack that tries to exhaust application resources. The goal is to affect the application's availability and its ability to handle legitimate requests. DDoS attacks can be targeted at any endpoint that is publicly reachable through the internet.
Azure has two DDoS service offerings that provide protection from network attacks: DDoS Protection Basic and DDoS Protection Standard. DDoS Basic protection is integrated into the Azure platform by default and at no extra cost. You have the option of paying for DDoS Standard. It has several advantages over the basic service, including logging, alerting, and telemetry. DDoS Standard can generate reports that contain details of attempted attacks as required in this question.
References: https://docs.microsoft.com/en-us/azure/security/fundamentals/ddos-best-practices

QUESTION 4
Your company plans to migrate all on-premises data to Azure. You need to identify whether Azure complies with the company's regional requirements. What should you use?

A. the Knowledge Center

B. Azure Marketplace

C. the Azure portal

D. the Trust Center

Correct Answer: D
Section:
Explanation:
Azure has more than 90 compliance certifications, including over 50 specific to global regions and countries, such as the US, the European Union, Germany, Japan, the United Kingdom, India and China. You can view a list of compliance certifications in the Trust Center to determine whether Azure meets your regional requirements. References: https://azure.microsoft.com/en-gb/overview/trusted-cloud/compliance/ https://docs.microsoft.com/en-us/microsoft-365/compliance/get-started-with-service-trust-portal

QUESTION 5
This question requires that you evaluate the underlined text to determine if it is correct.
Azure Key Vault is used to store secrets for Azure Active Directory (Azure AD) user accounts.
Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed

B. Azure Active Directory (Azure AD) administrative accounts

C. Personally Identifiable Information (PII)

D. server applications

Correct Answer: D
Section:
Explanation:
Centralizing storage of application secrets in Azure Key Vault allows you to control their distribution. Key Vault greatly reduces the chances that secrets may be accidentally leaked. When using Key Vault, application developers no longer need to store security information in their application. Not having to store security information in applications eliminates the need to make this information part of the code. For example, an application may need to connect to a database. Instead of storing the connection string in the app's code, you can store it securely in Key Vault.
References: https://docs.microsoft.com/en-us/azure/key-vault/key-vault-overview https://docs.microsoft.com/en-us/learn/modules/manage-secrets-with-azure-key-vault/

QUESTION 6

Your company plans to automate the deployment of servers to Azure.

Your manager is concerned that you may expose administrative credentials during the deployment.

You need to recommend an Azure solution that encrypts the administrative credentials during the deployment. What should you include in the recommendation?

A. Azure Key Vault

B. Azure Information Protection

C. Azure Security Center

D. Azure Multi-Factor Authentication (MFA)

Correct Answer: A
Section:
Explanation:
Azure Key Vault is a secure store for storage various types of sensitive information. In this question, we would store the administrative credentials in the Key Vault. With this solution, there is no need to store the administrative credentials as plain text in the deployment scripts.

All information stored in the Key Vault is encrypted.

Azure Key Vault can be used to Securely store and tightly control access to tokens, passwords, certificates, API keys, and other secrets. Secrets and keys are safeguarded by Azure, using industry-standard algorithms, key lengths, and hardware security modules (HSMs). The HSMs used are Federal Information Processing Standards (FIPS) 140-2 Level 2 validated. Access to a key vault requires proper authentication and authorization before a caller (user or application) can get access. Authentication establishes the identity of the caller, while authorization determines the operations that they are allowed to perform.

References: https://docs.microsoft.com/en-us/azure/key-vault/key-vault-overview

QUESTION 7
You plan to deploy several Azure virtual machines.

You need to control the ports that devices on the Internet can use to access the virtual machines.

What should you use?

A. a network security group (NSG)

B. an Azure Active Directory (Azure AD) role

C. an Azure Active Directory group

D. an Azure key vault

Correct Answer: A
Section:
Explanation:
A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets. You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

References: https://docs.microsoft.com/en-us/azure/virtual-network/security-overview

QUESTION 8
This question requires that you evaluate the underlined text to determine if it is correct.

Azure Germany can be used by legal residents of Germany only.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. no change is needed

B. only enterprises that are registered in Germany

C. only enterprises that purchase their azure licenses from a partner based in Germany

D. any user or enterprise that requires its data to reside in Germany

Correct Answer: D
Section:
Explanation:
Azure Germany is available to eligible customers and partners globally who intend to do business in the EU/EFTA, including the United Kingdom. Azure Germany offers a separate instance of Microsoft Azure services from within German datacenters. The datacenters are in two locations, Frankfurt/Main and Magdeburg. This placement ensures that customer data remains in Germany and that the datacenters connect to each other through a private network. All customer data is exclusively stored in those datacenters. A designated German company--the German data trustee--controls access to customer data and the systems and infrastructure that hold customer data.
References: https://docs.microsoft.com/en-us/azure/germany/germany-welcome?toc=%2fazure%2fgermany%2ftoc.json https://docs.microsoft.com/en-us/azure/germany/germany-overview-data-trustee

QUESTION 9
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your Azure environment contains multiple Azure virtual machines.
You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.
Solution: You modify a network security group (NSG).
Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section:
Explanation:
A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.
You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.
In this question, we need to add a rule to the network security group to allow the connection to the virtual machine on port 80 (HTTP).
References:
https://docs.microsoft.com/en-us/azure/virtual-network/security-overview

QUESTION 10
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your Azure environment contains multiple Azure virtual machines.
You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.
Solution: You modify a network security group (NSG).
Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section:
Explanation:
DDoS is a form of attack on a network resource. A DDoS protection plan is used to protect against DDoS attacks; it does not provide connectivity to a virtual machine. To ensure that a virtual machine named VM1 is accessible from the Internet over HTTP, you need to modify a network security group or Azure Firewall. References: https://docs.microsoft.com/en-us/azure/virtual-network/ddos-protection-overview

QUESTION 11

Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure firewall.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A
Section:
Explanation:
Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability. In this question, we need to add a rule to Azure Firewall to allow the connection to the virtual machine on port 80 (HTTP). References: https://docs.microsoft.com/en-us/azure/firewall/overview

QUESTION 12
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your Azure environment contains multiple Azure virtual machines. You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure firewall.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B
Section:
Explanation:
Azure Traffic Manager is a DNS-based load balancing solution. It is not used to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP. To ensure that a virtual machine named VM1 is accessible from the Internet over HTTP, you need to modify a network security group or Azure Firewall. In this question, we need to add a rule to a network security group or Azure Firewall to allow the connection to the virtual machine on port 80 (HTTP). References: https://docs.microsoft.com/en-us/azure/traffic-manager/traffic-manager-overview

QUESTION 13
Which two types of customers are eligible to use Azure Government to develop a cloud solution? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. a Canadian government contractor

B. a European government contractor

C. a United States government entity

D. a United States government contractor

E. a European government entity

Correct Answer: C, D
Section:
Explanation:
Azure Government is a cloud environment specifically built to meet compliance and security requirements for US government. This mission-critical cloud delivers breakthrough innovation to U.S. government customers and their partners. Azure Government applies to government at any level â€" from state and local governments to federal agencies including Department of Defense agencies. The key difference between Microsoft Azure and

Microsoft Azure Government is that Azure Government is a sovereign cloud. It's a physically separated instance of Azure, dedicated to U.S. government workloads only. It's built exclusively for government agencies and their solution providers.
References: https://docs.microsoft.com/en-us/learn/modules/intro-to-azure-government/2-what-is-azure-government

QUESTION 14
You need to ensure that when Azure Active Directory (Azure AD) users connect to Azure AD from the Internet by using an anonymous IP address, the users are prompted automatically to change their password. Which Azure service should you use?

A. Azure AD Connect Health

B. Azure AD Privileged Identity Management

C. Azure Advanced Threat Protection (ATP)

D. Azure AD Identity Protection

Correct Answer: D
Section:
Explanation:
Azure AD Identity Protection includes two risk policies: sign-in risk policy and user risk policy. A sign-in risk represents the probability that a given authentication request isn't authorized by the identity owner. There are several types of risk detection. One of them is Anonymous IP Address. This risk detection type indicates sign-ins from an anonymous IP address (for example, Tor browser or anonymous VPN). These IP addresses are typically used by actors who want to hide their login telemetry (IP address, location, device, etc.) for potentially malicious intent. You can configure the sign-in risk policy to require that users change their password.
References: https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/concept-identity-protection-risks

QUESTION 15
Your company plans to deploy several web servers and several database servers to Azure.
You need to recommend an Azure solution to limit the types of connections from the web servers to the database servers. What should you include in the recommendation?

A. network security groups (NSGs)

B. Azure Service Bus

C. a local network gateway

D. a route filter

Correct Answer: A
Section:
Explanation:
A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets. You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.
References: https://docs.microsoft.com/en-us/azure/virtual-network/security-overview

QUESTION 16
To what should an application connect to retrieve security tokens?

A. an Azure Storage account

B. Azure Active Directory (Azure AD)

C. a certificate store

D. an Azure key vault

Correct Answer: D

Section:
Explanation:
Key Vault is designed to store configuration secrets for server apps.
Incorrect Answers:
A: An Azure Storage account is used to store data. It is not used to store secrets for applications. B: Azure Active Directory (Azure AD) is a centralized identity provider in the cloud that authenticates users An and provides access tokens to them. It is not used for applications.
Reference:
https://docs.microsoft.com/en-us/learn/modules/manage-secrets-with-azure-key-vault/2-what-is-key-vault
https://docs.microsoft.com/en-us/azure/key-vault/key-vault-overview

QUESTION 17
This question requires that you evaluate the underlined text to determine if it is correct.
Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.
Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed
B. Management groups
C. Azure policies
D. Azure App Service plans

Correct Answer: C
Section:
Explanation:
Azure policies can be used to define requirements for resource properties during deployment and for already existing resources. Azure Policy controls properties such as the types or locations of resources. Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements. Azure Policy meets this need by evaluating your resources for non-compliance with assigned policies. All data stored by Azure Policy is encrypted at rest. For example, you can have a policy to allow only a certain SKU size of virtual machines in your environment. Once this policy is implemented, new and existing resources are evaluated for compliance. With the right type of policy, existing resources can be brought into compliance.
References: https://docs.microsoft.com/en-us/azure/governance/policy/overview

QUESTION 18
Your network contains an Active Directory forest. The forest contains 5,000 user accounts.
Your company plans to migrate all network resources to Azure and to decommission the on-premises data center. You need to recommend a solution to minimize the impact on users after the planned migration.
What should you recommend?

A. Implement Azure Multi-Factor Authentication (MFA)
B. Sync all the Active Directory user accounts to Azure Active Directory (Azure AD)
C. Instruct all users to change their password
D. Create a guest user account in Azure Active Directory (Azure AD) for each user

Correct Answer: B
Section:
Explanation:
To migrate to Azure and decommission the on-premises data center, you would need to create the 5,000 user accounts in Azure Active Directory. The easy way to do this is to sync all the Active Directory user accounts to Azure Active Directory (Azure AD). You can even sync their passwords to further minimize the impact on users.
The tool you would use to sync the accounts is Azure AD Connect. The Azure Active Directory Connect synchronization services (Azure AD Connect sync) is a main component of Azure AD Connect. It takes care of all the operations that are related to synchronize identity data between your on-premises environment and Azure AD.
References: https://docs.microsoft.com/en-us/azure/active-directory/hybrid/how-to-connect-sync-whatis

QUESTION 19

Which service provides network traffic filtering across multiple Azure subscriptions and virtual networks?

A. Azure Firewall

B. an application security group

C. Azure DDoS protection

D. a network security group (NSG)

Correct Answer: A
Section:
Explanation:
You can restrict traffic to multiple virtual networks in multiple subscriptions with a single Azure firewall. Azure Firewall is a managed, cloud-based network security service that protects your Azure Virtual Network resources. It's a fully stateful firewall as a service with built-in high availability and unrestricted cloud scalability. You can centrally create, enforce, and log application and network connectivity policies across subscriptions and virtual networks. Azure Firewall uses a static public IP address for your virtual network resources allowing outside firewalls to identify traffic originating from your virtual network.
References: https://docs.microsoft.com/en-us/azure/firewall/overview

QUESTION 20
What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

A. uptime

B. feature availability

C. bandwidth

D. performance

Correct Answer: A
Section:
Explanation:
The SLA for virtual machines guarantees 'uptime'. The amount of uptime guaranteed depends on factors such as whether the VMs are in an availability set or availability zone if there is more than one VM, the distribution of the VMs if there is more than one or the disk type if it is a single VM.
The SLA for Virtual Machines states:
For all Virtual Machines that have two or more instances deployed across two or more Availability Zones in the same Azure region, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.99% of the time.
For all Virtual Machines that have two or more instances deployed in the same Availability Set or in the same Dedicated Host Group, we guarantee you will have Virtual Machine Connectivity to at least one instance at least 99.95% of the time.
For any Single Instance Virtual Machine using Premium SSD or Ultra Disk for all Operating System Disks and Data Disks, we guarantee you will have Virtual Machine Connectivity of at least 99.9%.
Reference:
https://azure.microsoft.com/en-us/support/legal/sla/summary/
https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

QUESTION 21
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your company plans to purchase an Azure subscription.
The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.
Solution: Recommend a Basic support plan.
Does this meet the goal?

A. Yes

B. No

Correct Answer: B
Section:
Explanation:
The Basic support plan does not have any technical support for engineers.
Access to Support Engineers via email or phone is available in the following support plans: Premier, Professional Direct and standard. References: https://azure.microsoft.com/en-gb/support/plans/

QUESTION 22
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your company plans to purchase Azure.
The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.
Solution: Recommend a Standard support plan.
Does this meet the goal?

A. Yes

B. No

Correct Answer: A
Section:
Explanation:
The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone. References: https://azure.microsoft.com/en-gb/support/plans/

QUESTION 23
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your company plans to purchase Azure.
The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.
Solution: Recommend a Premier support plan.
Does this meet the goal?

A. Yes

B. No

Correct Answer: A
Section:
Explanation:
The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone. References: https://azure.microsoft.com/en-gb/support/plans/

QUESTION 24
Your company plans to request an architectural review of an Azure environment from Microsoft.
The company currently has a Basic support plan.
You need to recommend a new support plan for the company. The solution must minimize costs.
Which support plan should you recommend?

A. Premier

B. Developer

C. Professional Direct

D. Standard

Correct Answer: A
Section:
Explanation:
The Premier support plan provides customer specific architectural support such as design reviews, performance tuning, configuration and implementation assistance delivered by Microsoft Azure technical specialists.
References: https://azure.microsoft.com/en-gb/support/plans/

QUESTION 25
What is required to use Azure Cost Management?

A. a Dev/Test subscription

B. Software Assurance

C. an Enterprise Agreement (EA)

D. a pay-as-you-go subscription

Correct Answer: C
Section:
Explanation:
Azure customers with an Azure Enterprise Agreement (EA), Microsoft Customer Agreement (MCA), or Microsoft Partner Agreement (MPA) can use Azure Cost Management. Cost management is the process of effectively planning and controlling costs involved in your business. Cost management tasks are normally performed by finance, management, and app teams. Azure Cost Management + Billing helps organizations plan with cost in mind.
It also helps to analyze costs effectively and take action to optimize cloud spending. References: https://docs.microsoft.com/en-gb/azure/cost-management/overview-cost-mgt

QUESTION 26
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your company plans to purchase Azure.
The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email. You need to recommend which support plan meets the support policy requirement.
Solution: Recommend a Professional Direct support plan.
Does this meet the goal?

A. Yes

B. No

Correct Answer: A
Section:
Explanation:
The Basic support plan does not have any technical support for engineers.
The Developer support plan has only technical support for engineers via email.
The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone. References: https://azure.microsoft.com/en-gb/support/plans/

QUESTION 27
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. a reservation

B. a subscription

C. a resource group

D. a container instance

Correct Answer: B
Section:
Explanation:
There are different payment options in Azure including pay-as-you-go (PAYG), Enterprise Agreement (EA), and Microsoft Customer Agreement (MCA) accounts. Your Azure costs are 'per subscription'. You are charged monthly for all resources in a subscription. Therefore, to use different payment options per department, you will need to create a separate subscription per department. You can create multiple subscriptions in a single Azure Active Directory tenant.
Incorrect Answers:
A: A reservation is where you commit to a resource (for example a virtual machine) for one or three years. This gives you a discounted price on the resource for the reservation period. Reservations do not provide a way to use different payment options per department.
C: A resource group is a logical container for Azure resources. You can view the total cost of all the resources in a resource group. However, resource groups do not provide a way to use different payment options per department. D: A container instance is an Azure resource used to run an application. Container instances do not provide a way to use different payment options per department. References: https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription

QUESTION 28
You attempt to create several managed Microsoft SQL Server instances in an Azure environment and receive a message that you must increase your Azure subscription limits. What should you do to increase the limits?

A. Create a service health alert
B. Upgrade your support plan
C. Modify an Azure policy
D. Create a new support request

Correct Answer: D
Section:
Explanation:
Many Azure resource have quote limits. The purpose of the quota limits is to help you control your Azure costs. However, it is common to require an increase to the default quota.
You can request a quota limit increase by opening a support request. In the support request, select 'Service and subscription limits (quotas)' for the Issue type, select your subscription and the service you want to increase the quota for. For this question, you would select 'SQL Database Managed Instance' as the quote type.
Reference:
https://docs.microsoft.com/en-us/azure/sql-database/sql-database-managed-instance-resource-limits#obtaining-a-larger-quota-for-sql-managed-instance

QUESTION 29
Your company has 10 offices. You plan to generate several billing reports from the Azure portal. Each report will contain the Azure resource utilization of each office.
Which Azure Resource Manager feature should you use before you generate the reports?

A. tags
B. templates
C. locks
D. policies

Correct Answer: A
Section:
Explanation:
You can use resource tags to 'label' Azure resources. Tags are metadata elements attached to resources. Tags consist of pairs of key/value strings. In this question, we would tag each resource with a tag to identify each office.
For example: Location = Office1. When all Azure resources are tagged, you can generate reports to list all resources based on the value of the tag. For example: All resources used by Office1. References:
https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/decision-guides/resource-tagging/

QUESTION 30
This question requires that you evaluate the underlined text to determine if it is correct.
You deploy an Azure resource. The resource becomes unavailable for an extended period due to a service outage. Microsoft will automatically refund your bank account.

Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed.

B. migrate the resource to another subscription

C. credit your account

D. send you a coupon code that you can redeem for Azure credits

Correct Answer: C
Section:
Explanation:
If the SLA for an Azure service is not met, you receive credits for that service and that service only. The credits are deducted from your monthly bill for that service. If you stopped using the service where the SLA was not met, your account would remain in credit for that service. The credits would not be applied to any other services that you may be using. Service Credits apply only to fees paid for the particular Service, Service Resource, or Service tier for which a Service Level has not been met. In cases where Service Levels apply to individual Service Resources or to separate Service tiers, Service Credits apply only to fees paid for the affected Service Resource or Service tier, as applicable. The Service Credits awarded in any billing month for a particular Service or Service Resource will not, under any circumstance, exceed your monthly service fees for that Service or Service Resource, as applicable, in the billing month. References:
https://azure.microsoft.com/en-gb/support/legal/sla/analysis-services/v1_0/

QUESTION 31
Your company plans to migrate to Azure. The company has several departments. All the Azure resources used by each department will be managed by a department administrator.
What are two possible techniques to segment Azure for the departments? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. multiple subscriptions

B. multiple Azure Active Directory (Azure AD) directories

C. multiple regions

D. multiple resource groups

Correct Answer: A, D
Section:
Explanation:
An Azure subscription is a container for Azure resources. It is also a boundary for permissions to resources and for billing. You are charged monthly for all resources in a subscription. A single Azure tenant (Azure Active Directory) can contain multiple Azure subscriptions.
A resource group is a container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group.
To enable each department administrator to manage the Azure resources used by that department, you will need to create a separate subscription per department. You can then assign each department administrator as an administrator for the subscription to enable them to manage all resources in that subscription.
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/add-change-subscription-administrator

QUESTION 32
This question requires that you evaluate the underlined text to determine if it is correct.
If Microsoft plans to end support for an Azure service that does NOT have a successor service, Microsoft will provide notification at least 12 months before.
Instructions: Review the underlined text. If it makes the statement correct, select "No change is needed". If the statement is incorrect, select the answer choice that makes the statement correct.

A. No change is needed.

B. 6 months

C. 90 days

D. 30 days

Correct Answer: A
Section:
Explanation:
The Modern Lifecycle Policy covers products and services that are serviced and supported continuously. For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 12 months' notification prior to ending support if no successor product or service is offered—excluding free services or preview releases.
Reference:
https://support.microsoft.com/en-us/help/30881

QUESTION 33
Note: This question-is part of a series of questions that present the same scenario. Each question-in the series contains a unique solution that might meet the stated goals. Some question-sets might have more than one correct solution, while others might not have a correct solution.
After you answer a question-in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen. Your company has an Azure subscription that contains the following unused resources:
20 user accounts in Azure Active Directory (Azure AD)
Five groups in Azure AD
10 public IP addresses
10 network interfaces
You need to reduce the Azure costs for the company.
Solution: You remove the unused network interfaces.
Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section:
Explanation:
You are not charged for unused network interfaces. Therefore, deleting unused network interfaces will not reduce the Azure costs for the company. References:
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

QUESTION 34
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	○	○
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	○	○
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	○	○ (selected)
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	○ (selected)	○
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	○	○ (selected)

Section:
Explanation:
Box 1: No
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. Examples of recommendations include restricting access to virtual machines by configuring Network Security Groups, enabling storage encryption, installing vulnerability assessment solutions. However, Azure Advisor does not provide recommendations on how to improve the security of an Azure AD environment.
Box 2: Yes
Advisor helps you optimize and reduce your overall Azure spend by identifying idle and underutilized resources. You can get cost recommendations from the Cost tab on the Advisor dashboard.
Box 3: No.
Azure Advisor does not provide recommendations on how to configure network settings on Azure virtual machines.

References:

QUESTION 35
HOTSPOT
Several support engineers plan to manage Azure by using the computers shown in the following table:

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

You need to identify which Azure management tools can be used from each computer.
What should you identify for each computer? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Computer1:

The Azure CLI and the Azure portal	v
The Azure portal and Azure PowerShell	
The Azure CLI and Azure PowerShell	
The Azure CLI, the Azure portal, and Azure PowerShell	

Computer2:

The Azure CLI and the Azure portal	v
The Azure portal and Azure PowerShell	
The Azure CLI and Azure PowerShell	
The Azure CLI, the Azure portal, and Azure PowerShell	

Computer3:

The Azure CLI and the Azure portal	v
The Azure portal and Azure PowerShell	
The Azure CLI and Azure PowerShell	
The Azure CLI, the Azure portal, and Azure PowerShell	

Answer Area:

Answer Area

Computer1:

| The Azure CLI and the Azure portal |
| The Azure portal and Azure PowerShell |
| The Azure CLI and Azure PowerShell |
| The Azure CLI, the Azure portal, and Azure PowerShell |

Computer2:

| The Azure CLI and the Azure portal |
| The Azure portal and Azure PowerShell |
| The Azure CLI and Azure PowerShell |
| The Azure CLI, the Azure portal, and Azure PowerShell |

Computer3:

| The Azure CLI and the Azure portal |
| The Azure portal and Azure PowerShell |
| The Azure CLI and Azure PowerShell |
| The Azure CLI, the Azure portal, and Azure PowerShell |

Section:

Explanation:

Previously, the Azure CLI (or x-plat CLI) was the only option for managing Azure subscriptions and resources from the command-line on Linux and macOS. Now with the open source and cross-platform release of PowerShell, you'll be able to manage all your Azure resources from Windows, Linux and macOS using your tool of choice, either the Azure CLI or Azure PowerShell cmdlets. The Azure portal runs in a web browser so can be used in either operating system.

References:

https://buildazure.com/2016/08/18/powershell-now-open-source-and-cross-platform-linux-macos-windows/

QUESTION 36

HOTSPOT

You plan to deploy a critical line-of-business application to Azure.

The application will run on an Azure virtual machine.

You need to recommend a deployment solution for the application. The solution must provide a guaranteed availability of 99.99 percent. What is the minimum number of virtual machines and the minimum number of availability zones you should recommend for the deployment? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Minimum number of
virtual machines:

1	v
2	
3	

Minimum number of
availability zones:

1	v
2	
3	

Answer Area:

Answer Area

Minimum number of
virtual machines:

1	v
2	
3	

Minimum number of
availability zones:

1	v
2	
3	

Section:

Explanation:

You need a minimum of two virtual machines with each one located in a different availability zone.

Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there's a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability Zones, Azure offers industry best 99.99% VM uptime SLA.

References:

https://docs.microsoft.com/en-us/azure/availability-zones/az-overview

QUESTION 37

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	○	○
Only virtual machines that run Windows Server can be created in availability zones.	○	○
Availability zones are used to replicate data and applications to multiple regions.	○	○

Answer Area:

Answer Area

Statements	Yes	No
If you have Azure resources deployed to every region, you can implement availability zones in all the regions.	○	○
Only virtual machines that run Windows Server can be created in availability zones.	○	○
Availability zones are used to replicate data and applications to multiple regions.	○	○

Section:
Explanation:
Box 1: No
Not all Azure regions support availability zones.
Box 2: No
Regions that support availability zones support Linux virtual machines.
Box 3: Yes
Availability Zones is a high-availability offering that protects your applications and data from datacenter failures. Availability Zones are unique physical locations within an Azure region. Each zone is made up of one or more datacenters equipped with independent power, cooling, and networking. To ensure resiliency, there's a minimum of three separate zones in all enabled regions. The physical separation of Availability Zones within a region protects applications and data from datacenter failures. Zone-redundant services replicate your applications and data across Availability Zones to protect from single-points-of-failure. With Availability Zones, Azure offers industry best 99.99% VM uptime SLA.
References:
https://docs.microsoft.com/en-gb/azure/availability-zones/az-overview

QUESTION 38
HOTSPOT
You need to manage Azure by using Azure Cloud Shell.
Which Azure portal icon should you select? To answer, select the appropriate icon in the answer area.

Hot Area:
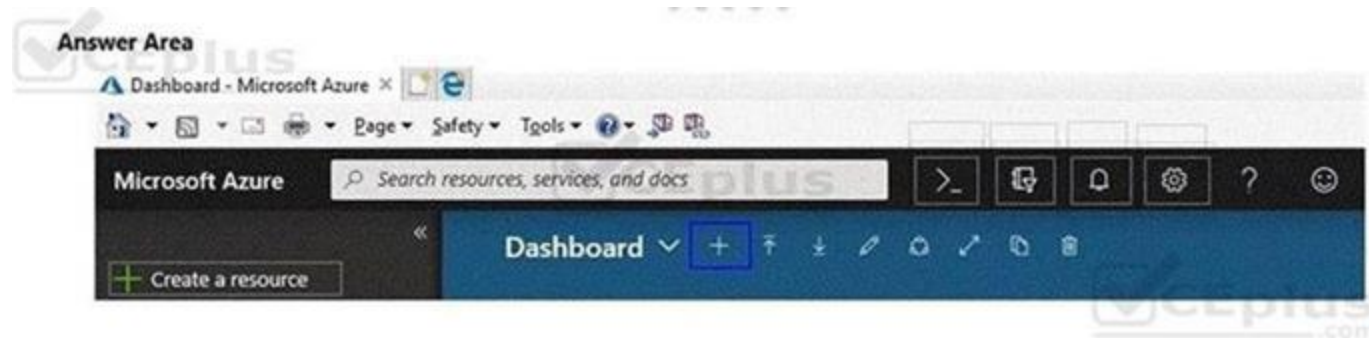
Answer Area:
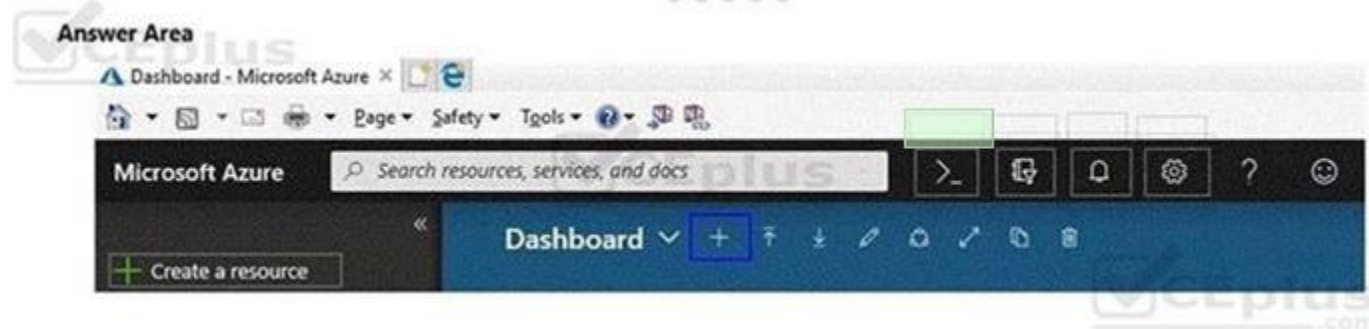
Section:
Explanation:
Answer: ">_"
You can access Azure Cloud Shell in the Azure portal by clicking the icon.
Azure Cloud Shell is an interactive, authenticated, browser-accessible shell for managing Azure resources. It provides the flexibility of choosing the shell experience that best suits the way you work, either Bash or PowerShell.
Cloud Shell enables access to a browser-based command-line experience built with Azure management tasks in mind.
References:
https://docs.microsoft.com/en-us/azure/cloud-shell/overview?view=azure-cli-latest

QUESTION 39
HOTSPOT
You have an Azure environment that contains 10 web apps. To which URL should you connect to manage all the Azure resources? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.
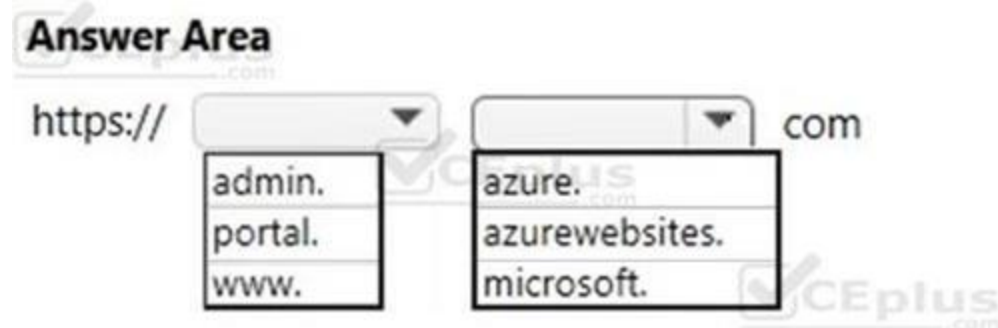
Hot Area:

Answer Area:

https:// [▼] [▼] .com

admin.		azure.
portal.		azurewebsites.
www.		microsoft.

Section:
Explanation:

QUESTION 40
HOTSPOT
You plan to extend your company's network to Azure. The network contains a VPN appliance that uses an IP address of 131.107.200.1.
You need to create an Azure resource that defines the VPN appliance in Azure.
Which Azure resource should you create? To answer, select the appropriate resource in the answer area.

Hot Area:
Answer Area

NETWORKING (20)

Virtual networks	★	Virtual networks (classic)	★
Load balancers	★	Application gateways	★
Virtual network gateways	★	Local network gateways	★
DNS zones	★	CDN profiles	★
Traffic Manager profiles	★	ExpressRoute circuits	★
Network Watcher	★	Network security groups	★

Answer Area:
Answer Area

NETWORKING (20)

Virtual networks	★	Virtual networks (classic)	★
Load balancers	★	Application gateways	★
Virtual network gateways	★	Local network gateways	★
DNS zones	★	CDN profiles	★
Traffic Manager profiles	★	ExpressRoute circuits	★
Network Watcher	★	Network security groups	★

Section:
Explanation:
A Local Network Gateway is an object in Azure that represents your on-premise VPN device. A Virtual Network Gateway is the VPN object at the Azure end of the VPN. A 'connection' is what connects the Local Network Gateway an the Virtual Network Gateway to bring up the VPN.
The local network gateway typically refers to your on-premises location. You give the site a name by which Azure can refer to it, then specify the IP address of the on-premises VPN device to which you will create a connection.
You also specify the IP address prefixes that will be routed through the VPN gateway to the VPN device. The address prefixes you specify are the prefixes located on your on-premises network. If your on-premises network changes or you need to change the public IP address for the VPN device, you can easily update the values later.

References:
https://docs.microsoft.com/en-us/azure/vpn-gateway/vpn-gateway-howto-site-to-site-resource-manager-portal

QUESTION 41
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area		
Statements	**Yes**	**No**
To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.	○	○
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	○	○
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	○	○

Answer Area:

Answer Area		
Statements	**Yes**	**No**
To implement an Azure Multi-Factor Authentication (MFA) solution, you must deploy a federation solution or sync on-premises identities to the cloud.	○	○ (selected)
Two valid methods for Azure Multi-Factor Authentication (MFA) are picture identification and a passport number.	○	○ (selected)
Azure Multi-Factor Authentication (MFA) can be required for administrative and non-administrative user accounts.	○ (selected)	○

Section:
Explanation:
Box 1: No
It is not true that you must deploy a federation solution or sync on-premises identities to the cloud. You can have a cloud-only environment and use MFA.
Box 2: No
Picture identification and passport numbers are not valid MFA authentication methods. Valid methods include: Password, Microsoft Authenticator App, SMS and Voice call.
Box 3:
You can configure MFA to be required for administrator accounts only or you can configure MFA for any user account.
References:
https://docs.microsoft.com/en-us/azure/active-directory/authentication/howto-mfa-getstarted
https://docs.microsoft.com/en-us/azure/active-directory/authentication/concept-authentication-methods

QUESTION 42

HOTSPOT
You create a resource group named RG1 in Azure Resource Manager.
You need to prevent the accidental deletion of the resources in RG1.
Which setting should you use? To answer, select the appropriate setting in the answer area.

Hot Area:

RG1
Resource group

Search (Ctrl + /)   <<

Overview

Activity log

Access control (IAM)

Tags

Events

Settings

Quickstart

Resource costs

Deployments

Policies

Properties

Locks

Automation script

Monitoring

Insights(preview)

Alerts

Metrics

Diagnostic settings

Advisor recommendations

Support + troubleshooting

New support request

Answer Area:

RG1
Resource group

Search (Ctrl + /)   <<

▣ Overview

▢ Activity log

▣ Access control (IAM)

🏷 Tags

⚡ Events

Settings

🗂 Quickstart

◉ Resource costs

🗄 Deployments

🗄 Policies

☰ Properties

🔒 Locks

⊵ Automation script

Monitoring

💡 Insights(preview)

❗ Alerts

📊 Metrics

📋 Diagnostic settings

☁ Advisor recommendations

Support + troubleshooting

👤 New support request

Section:
Explanation:
You can configure a lock on a resource group to prevent the accidental deletion.
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.
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources

QUESTION 43
HOTSPOT
You plan to create an Azure virtual machine.
You need to identify which storage service must be used to store the data disks of the virtual machine.
What should you identify? To answer, select the appropriate service in the answer area.

Hot Area:

Answer Area

Blobs
REST-based object storage for unstructured data

Explore data using OAuth preview
Learn more

Files
File shares that use the standard rd SMB 3.0 protocol

Learn more

Tables
Tabular data storage

Learn more

Queues
Effectively scale apps according to traffic

Explore data using OAuth preview
Learn more

Answer Area:

Answer Area

Blobs
REST-based object storage for unstructured data

Explore data using OAuth preview
Learn more

Files
File shares that use the standard rd SMB 3.0 protocol

Learn more

Tables
Tabular data storage

Learn more

Queues
Effectively scale apps according to traffic

Explore data using OAuth preview
Learn more

Section:
Explanation:
References:

QUESTION 44
HOTSPOT
You plan to implement several security services for an Azure environment. You need to identify which Azure services must be used to meet the following security requirements:
Monitor threats by using sensors
Enforce azure Multi-Factor Authentication (MFA) based on a condition
Which Azure service should you identify for each requirement? To answer, select the appropriate option in the answer area. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Monitor threats by using sensors:

| Azure Monitor |
| Azure Security Center |
| Azure Active Directory (Azure AD) Identity Protection |
| Azure Advanced Threat Protection (ATP) |

Enforce Azure MFA based on a condition:

| Azure Monitor |
| Azure Security Center |
| Azure Active Directory (Azure AD) Identity Protection |
| Azure Advanced Threat Protection (ATP) |

Answer Area:

Answer Area

Monitor threats by using sensors:

| Azure Monitor |
| Azure Security Center |
| Azure Active Directory (Azure AD) Identity Protection |
| Azure Advanced Threat Protection (ATP) |

Enforce Azure MFA based on a condition:

| Azure Monitor |
| Azure Security Center |
| Azure Active Directory (Azure AD) Identity Protection |
| Azure Advanced Threat Protection (ATP) |

Section:
Explanation:

QUESTION 45
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services in an Azure environment.	○	○
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	○	○
From Azure Service Health, an administrator can prevent a service failure	○	○

Answer Area:

Answer Area

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services in an Azure environment.	⦿	○
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	⦿	○
From Azure Service Health, an administrator can prevent a service failure	○	⦿

Section:
Explanation:

QUESTION 46
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.	○	○
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	○	○
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Authorization to access Azure resources can be provided only to Azure Active Directory (Azure AD) users.	○	⦿
Identities stored in Azure Active Directory (Azure AD), third-party cloud services, and on-premises Active Directory can be used to access Azure resources.	⦿	○
Azure has built-in authentication and authorization services that provide secure access to Azure resources.	⦿	○

QUESTION 47
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Firewall will encypt all the network traffic sent from Azure to the Internet.	○	○
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	○	○
Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Azure Firewall will encypt all the network traffic sent from Azure to the Internet.	○	○
A network security group (NSG) will encrypt all the network traffic sent from Azure to the Internet.	○	○
Azure virtual machines that run Windows Server 2016 can encrypt the network traffic sent from the virtual machines to a host on the Internet.	○	○

QUESTION 48
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	○	○
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	○	○
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Azure Advisor can generate a list of Azure virtual machines that are protected by Azure Backup.	○	●
If you implement the security recommendations provided by Azure Advisor, your company's secure score will decrease.	○	●
To maintain Microsoft support, you must implement the security recommendations provided by Azure Advisor within a period of 30 days.	○	●

Section:
Explanation:

QUESTION 49

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area
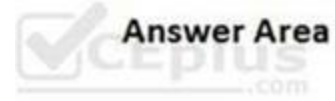
Statements	Yes	No
Most Azure services are introduced in private preview before being introduced in public preview, and then in general availability.	○	○
Azure services in public preview can be managed only by using the Azure CLI.	○	○
The cost of an Azure service in private preview decreases when the service becomes generally available.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Most Azure services are introduced in private preview before being introduced in public preview, and then in general availability.	⦿ (Yes)	○
Azure services in public preview can be managed only by using the Azure CLI.	○	⦿ (No)
The cost of an Azure service in private preview decreases when the service becomes generally available.	○	⦿ (No)

Section:

Explanation:

Box 1: Yes

Most services go to private preview then public preview before being released to general availability. The private preview is only available to certain Azure customers for evaluation purposes. The public preview is available to

all Azure customers.
Box 2: No
Azure services in public preview can be managed using the regular management tools: Azure Portal, Azure CLI and PowerShell.
Box 3: No
Services in private or public preview are usually offered at reduced costs. However, the costs increase, not decrease when the services are released to general availability.

QUESTION 50
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
An Azure service in private preview is released to all Azure customers.	○	○
An Azure service in public preview is released to all Azure customers.	○	○
An Azure service in general availability is released to a subset of Azure customers.	○	○

Answer Area:

Answer Area

Statements	Yes	No
An Azure service in private preview is released to all Azure customers.	○	◉
An Azure service in public preview is released to all Azure customers.	◉	○
An Azure service in general availability is released to a subset of Azure customers.	○	◉

Section:
Explanation:
Box 1: No
Most services go to private preview then public preview before being released to general availability. The private preview is only available to certain Azure customers for evaluation purposes.
Box 2: Yes
Public Preview means that the service is in public beta and can be tried out by anyone with an Azure subscription. Services in public preview are often offered at a discount price. Public previews are excluded from SLAs and in some cases, no support is offered.
Box 3: No
An Azure service in general availability is available to all Azure customers, not just a subset of the customers.
References:
https://azure-overview.com/Home/Faq

QUESTION 51
HOTSPOT
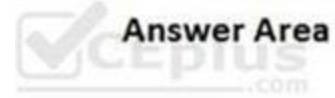For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	○	○
Two Azure subscriptions can be merged into a single subscription by creating a support request.	○	○
A company can use resources from multiple subscriptions.	○	○

Answer Area:

Answer Area

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	◯ (Yes)	◯
Two Azure subscriptions can be merged into a single subscription by creating a support request.	◯	◯ (No)
A company can use resources from multiple subscriptions.	◯ (Yes)	◯

Section:
Explanation:

QUESTION 52
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	◯	◯
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	◯	◯
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	◯	◯

Answer Area:

Answer Area

Statements	Yes	No
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	◉	◯
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	◉	◯
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	◯	◉

Section:
Explanation:

QUESTION 53
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
If your company uses an Azure free account, you will only be exposed to a subset of Azure services.	◯	◯
All Azure free accounts expire after a specific period.	◯	◯
You can create up to 10 Azure free accounts by using the same Microsoft account.	◯	◯

Answer Area:

Answer Area

Statements	Yes	No
If your company uses an Azure free account, you will only be exposed to a subset of Azure services.	○	●
All Azure free accounts expire after a specific period.	●	○
You can create up to 10 Azure free accounts by using the same Microsoft account.	○	●

Section:
Explanation:
Box 1: No
Azure Free Account gives you 12 months access to the most popular free services. It also gives you a credit (150 GBP or 200 USD) to use on any Azure service for up to 30 days.
Box 2: Yes
All free accounts expire after 12 months.
Box 3: No
You can only create one free Azure account per Microsoft account.
References:
https://azure.microsoft.com/en-gb/free/

QUESTION 54
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Each Azure subscription can contain multiple account administrators.	○	○
Each Azure subscription can be managed by using a Microsoft account only.	○	○
An Azure resource group contains multiple Azure subscriptions.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Each Azure subscription can contain multiple account administrators.	○	●
Each Azure subscription can be managed by using a Microsoft account only.	○	●
An Azure resource group contains multiple Azure subscriptions.	○	●

Section:

Explanation:

Box 1: No

The Account Administrator is the subscription owner. Conceptually, this is the billing owner of the subscription. Every Azure subscription has one Account Administrator, which defaults to the person who created the subscription.

Box 2: No

You need an Azure Active Directory account to manage a subscription, not a Microsoft account.

An account is created in the Azure Active Directory when you create the subscription. Further accounts can be created in the Azure Active Directory to manage the subscription.

Box 3: No

Resource groups are logical containers for Azure resources. However, resource groups do not contain subscriptions. Subscriptions contain resource groups.

References:

https://docs.microsoft.com/en-us/office365/enterprise/subscriptions-licenses-accounts-and-tenants-for-microsoft-cloud-offerings

QUESTION 55

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	○	○
The Service Level Agreement (SLA) for Azure Active Directory Premium P2 is the same as the SLA for Azure Active Directory Free.	○	○
All paying Azure customers receive a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).		

Hot Area:

Answer:

Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	◉	○
The Service Level Agreement (SLA) for Azure Active Directory Premium P2 is the same as the SLA for Azure Active Directory Free.	○	◉
All paying Azure customers receive a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).	◉	○

Hot Area:

Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	○	○
The Service Level Agreement (SLA) for Azure Active Directory Premium P2 is the same as the SLA for Azure Active Directory Free.	○	○
All paying Azure customers receive a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).	○	○

Answer Area:

Answer Area

Statements	Yes	No
In Azure Active Directory Premium P2, at least 99.9 percent availability is guaranteed.	◉	○
The Service Level Agreement (SLA) for Azure Active Directory Premium P2 is the same as the SLA for Azure Active Directory Free.	○	◉
All paying Azure customers receive a credit if their monthly uptime percentage is below the guaranteed amount in the Service Level Agreement (SLA).	◉	○

Section:
Explanation:
Box 1: Yes
Microsoft guarantee at least 99.9% availability of the Azure Active Directory Premium edition 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.
Box 2: No
No SLA is provided for the Free tier of Azure Active Directory.
Box 3: Yes
You can claim credit if the availability falls below the SLA. The amount of credit depends on the availability. For example: You can claim 25% credit if the availability is less than 99.9%, 50% credit for less than 99% and 100% for less than 95% availability.
References:
https://azure.microsoft.com/en-gb/support/legal/sla/active-directory/v1_0/

QUESTION 56
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
All Azure services in private preview must be accessed by using a separate Azure portal.	○	○
Azure services in public preview can be used in production environments.	○	○
Azure services in public preview are subject to a Service Level Agreement (SLA).	○	○

Answer Area:

Answer Area

Statements	Yes	No
All Azure services in private preview must be accessed by using a separate Azure portal.	○	⦾
Azure services in public preview can be used in production environments.	⦾	○
Azure services in public preview are subject to a Service Level Agreement (SLA).	○	⦾

Section:
Explanation:
Public Preview means that the service is in public beta and can be tried out by anyone with an Azure subscription. Services in public preview are often offered at a discount price.
Box 1: No
Services in private preview can be viewed in the regular Azure portal. However, you need to be signed up for the feature in private preview before you can view it. Access to private preview features is usually by invitation only.
Box 2: Yes
You can use services in public preview in production environments. However, you should be aware that the service may have faults, is not subject to an SLA and may be withdrawn without notice.
Box 3: No
Public previews are excluded from SLAs and in some cases, no support is offered.
References:
https://www.neowin.net/news/several-more-azure-services-now-available-in-private-public-preview/

QUESTION 57
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
A Standard support plan is included in an Azure free account.	○	○
A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).	○	○
Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.	○	○

Answer Area:

Answer Area

Statements	Yes	No
A Standard support plan is included in an Azure free account.	○	◉
A Premier support plan can only be purchased by companies that have an Enterprise Agreement (EA).	◉	○
Support from MSDN forums is only provided to companies that have a pay-as-you-go subscription.	○	◉

Section:
Explanation:
Box 1: No
An Azure free account comes with a 'basic' support plan, not a 'standard' support plan.
Box 2: Yes
You can purchase the Professional Direct, Standard, and Developer support plans with the Microsoft Customer Agreement. You can also purchase the Professional and Standard support plans with the Enterprise Agreement.
Box 3: No
Users with any type of Azure subscription (pay-as-you-go, Enterprise Agreement, Microsoft Customer Agreement etc.) can get support from the MSDN forums.
References:
https://azure.microsoft.com/en-us/support/plans/

QUESTION 58
HOTSPOT
How should you calculate the monthly uptime percentage? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

▼	÷	▼	×	▼
Downtime in Minutes		60		100
Maximum Available Minutes		1,440		99.99
(Maximum Available Minutes – Downtime in Minutes)		Maximum Available Minutes		1.440

Answer Area:

Section:
Explanation:
References:
https://azure.microsoft.com/en-au/support/legal/sla/cloud-services/v1_0/

QUESTION 59
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area:

Answer Area

Statements	Yes	No
By creating additional resource groups in an Azure subscription, additional costs are incurred.	○	●
By copying several gigabits of data to Azure from an on-premises network over a VPN, additional data transfer costs are incurred.	○	●
By copying several GB of data from Azure to an on-premises network over a VPN, additional data transfer costs are incurred.	●	○

Section:

Explanation:

References:

https://docs.microsoft.com/en-us/azure/azure-resource-manager/manage-resource-groups-portal

https://azure.microsoft.com/en-us/pricing/details/bandwidth/

QUESTION 60

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
To implement a hybrid cloud model, a company must have an internal network.	○	○
A company can extend the computing resources of its internal network by using a hybrid cloud.	○	○
In a public cloud model, only guest users at your company can access the resources in the cloud.	○	○

Answer Area:

Answer Area

Statements	Yes	No
To implement a hybrid cloud model, a company must have an internal network.	○	○ (selected)
A company can extend the computing resources of its internal network by using a hybrid cloud.	○ (selected)	○
In a public cloud model, only guest users at your company can access the resources in the cloud.	○	○ (selected)

Section:

Explanation:

Box 1: No

It is not true that a company must always migrate from an internal network to implement a hybrid cloud. You could start with a public cloud and then combine that with an on-premise infrastructure to implement a hybrid cloud.

Box 2: Yes

A company can extend the computing resources of its internal network by using the public cloud. This is very common. When you need more resources, rather than pay out for new on-premises infrastructure, you can

configure a cloud environment and connect your on-premises network to the cloud environment by using a VPN.
Box 3: No
It is not true that only guest users can access cloud resources. You can give anyone with an account in Azure Active Directory access to the cloud resources. There are many authentication scenarios but a common one is to replicate your on-premises Active Directory accounts to Azure Active Directory and provide access to the Azure Active Directory accounts. Another commonly used authentication method is 'Federation' where authentication for access to cloud resources is passed to another authentication provider such as an on-premises Active Directory.
Reference:
https://azure.microsoft.com/en-gb/overview/what-is-hybrid-cloud-computing/

QUESTION 61
HOTSPOT
You need to identify which blades in the Azure portal must be used to perform the following tasks:
View security recommendations.
Monitor the health of Azure services.
Browse available virtual machine images.
Which blade should you identify for each task? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area:

Answer Area

Monitor the health of Azure services:

Monitor
Subscriptions
Marketplace
Advisor

Browse available virtual machine images:

Monitor
Subscriptions
Marketplace
Advisor

View security recommendations:

Monitor
Subscriptions
Marketplace
Advisor

Section:

Explanation:

Box 1:

Azure Monitor is used to monitor the health of Azure services.

Azure Monitor maximizes the availability and performance of your applications and services by delivering a comprehensive solution for collecting, analyzing, and acting on telemetry from your cloud and on-premises environments. It helps you understand how your applications are performing and proactively identifies issues affecting them and the resources they depend on.

Box 2:

You can browse available virtual machine images in the Azure Marketplace.

Azure Marketplace provides access and information on solutions and services available from Microsoft and their partners. Customers can discover, try, or buy cloud software solutions built on or for Azure. The catalog of 8,000+ listings provides Azure building blocks, such as Virtual Machines (VMs), APIs, Azure apps, Solution Templates and managed applications, SaaS apps, containers, and consulting services.

Box 3.

Azure Advisor displays security recommendations.

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.

References:

https://docs.microsoft.com/en-us/azure/azure-monitor/overview

https://docs.microsoft.com/en-us/azure/marketplace/marketplace-faq-publisher-guide

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

QUESTION 62

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	○	○
If you delete a resource group, all the resources in the resource group will be deleted.	○	○
A resource group can contain resources from multiple Azure regions.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Azure resources can only access other resources in the same resource group.	○	⬤
If you delete a resource group, all the resources in the resource group will be deleted.	⬤	○
A resource group can contain resources from multiple Azure regions.	⬤	○

Section:
Explanation:
Explanation:
Box 1: No
A resource can interact with resources in other resource groups.
Box 2: Yes
Deleting the resource group will remove the resource group as well as all the resources in that resource group. Box 3: Yes
References: https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-overview https://www.codeisahighway.com/effective-ways-to-delete-resources-in-a-resource-group-on-azure/

QUESTION 63
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
An Azure free account has a spending limit.	○	○
An Azure free account has a limit of 2TB of data that can be uploaded to Azure.	○	○
An Azure free account can contain an unlimited number of web apps.	○	○

Answer Area:

Statements	Yes	No
An Azure free account has a spending limit.	●	○
An Azure free account has a limit of 2TB of data that can be uploaded to Azure.	○	●
An Azure free account can contain an unlimited number of web apps.	○	●

Section:
Explanation:
Box 1: Yes
An Azure free account has a spending limit. This is currently 200 USD or 150 GBP.
Box 2: No
Azure free account has a 5 GB blob storage limit and a 5 GB file storage limit.
Box 3: No
Azure free account has a limit of 10 web, mobile or API apps
Reference:
https://azure.microsoft.com/en-us/free/
https://azure.microsoft.com/en-us/free/free-account-faq/
https://docs.microsoft.com/en-us/azure/billing/billing-avoid-charges-free-account

QUESTION 64
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	○	○
Two Azure sunscriptions can be merged into a single subscription by creating a support request.	○	○
A company can store resources in multiple subscriptions.	○	○

Answer Area:

Answer Area

Statements	Yes	No
A single Microsoft account can be used to manage multiple Azure subscriptions.	◉	○
Two Azure sunscriptions can be merged into a single subscription by creating a support request.	○	◉
A company can store resources in multiple subscriptions.	◉	○

Section:
Explanation:
Box 1: Yes
You can use the same account to manage multiple subscriptions. You can create an additional subscription for your account in the Azure portal. You may want an additional subscription to avoid hitting subscription limits, to create separate environments for security, or to isolate data for compliance reasons.
Box 2: No
You cannot merge two subscriptions into a single subscription. However, you can move some Azure resources from one subscription to another. You can also transfer ownership of a subscription and change the billing type for a subscription.
Box 3: Yes
A company can have multiple subscriptions and store resources in the different subscriptions. However, a resource instance can exist in only one subscription.

References:
https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/create-subscription

QUESTION 65
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	○	○
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	○	○
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	○	○

Answer Area:

Answer Area

Statements	Yes	No
The Service Level Agreement (SLA) guaranteed uptime for paid Azure services is at least 99.9 percent.	●	○
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by adding Azure resources to multiple regions.	●	○
Companies can increase the Service Level Agreement (SLA) guaranteed uptime by purchasing multiple subscriptions.	○	●

Section:

Explanation:
Box 1: Yes
SLA's vary based on the resource type and the location distribution of the resource. However, the minimum uptime for all Azure services is 99.9 percent.
Box 2: Yes
The SLA guaranteed uptime is increased (usually to 99.95 percent) when resources are deployed across multiple regions.
Box 3: No
The number of subscriptions is unrelated to uptime SLA's. You can deploy resources to multiple regions under a single subscription or you can have multiple subscriptions with resources deployed to the same region.
References:
https://azure.microsoft.com/en-us/support/legal/sla/summary/

QUESTION 66
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Statements	Yes	No
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.	○	○
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.	○	○
Transferring data between Azure Storage accounts in different Azure regions is free.	○	○

Answer Area:

Statements	Yes	No
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.	○	●
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.	○	●
Transferring data between Azure Storage accounts in different Azure regions is free.	○	●

Section:
Explanation:

Box 1: No
The price of Azure storage varies by region. If you use the Azure storage pricing page, you can select different regions and see how the price changes per region.
Box 2: No
You are charged for read and write operations in general-purpose v2 storage accounts.
Box 3: No
You would be charge for the read operations of the source storage account and write operations in the destination storage account.
References:
https://docs.microsoft.com/en-us/azure/storage/common/storage-account-overview
https://azure.microsoft.com/en-gb/pricing/details/storage/blobs/

QUESTION 67
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

From [▼] you can view which user turned off a specific
  Azure Control IAM,   virtual machine during the last 14 days.
  Azure Event Hubs,
  Azure Activity Log,
  Azure Service Health,

Answer Area:

Answer Area

From [▼] you can view which user turned off a specific
  Azure Control IAM,   virtual machine during the last 14 days.
  Azure Event Hubs,
  Azure Activity Log,
  Azure Service Health,

Section:
Explanation:
You would use the Azure Activity Log, not Access Control to view which user turned off a specific virtual machine during the last 14 days.
Activity logs are kept for 90 days. You can query for any range of dates, as long as the starting date isn't more than 90 days in the past.
In this question, we would create a filter to display shutdown operations on the virtual machine in the last 14 days.
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-audit

QUESTION 68
HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

Your company implements [▼] to

| Azure policies |
| DDoS protection |
| Azure Information Protection |
| Azure Active Directory (Azure AD) Identity Protection |

automatically add a watermark to Microsoft Word documents that contain credit card information.

Answer Area:

Answer Area

Your company implements [▼] to

| Azure policies |
| DDoS protection |
| Azure Information Protection |
| Azure Active Directory (Azure AD) Identity Protection |

automatically add a watermark to Microsoft Word documents that contain credit card information.

Section:
Explanation:
Azure Information Protection is used to automatically add a watermark to Microsoft Word documents that contain credit card information.
You use Azure Information Protection labels to apply classification to documents and emails. When you do this, the classification is identifiable regardless of where the data is stored or with whom it's shared. The labels can include visual markings such as a header, footer, or watermark.
Labels can be applied automatically by administrators who define rules and conditions, manually by users, or a combination where users are given recommendations. In this question, we would configure a label to be automatically applied to Microsoft Word documents that contain credit card information. The label would then add the watermark to the documents.
Reference:
https://docs.microsoft.com/en-us/azure/information-protection/what-is-information-protection
https://docs.microsoft.com/en-us/azure/information-protection/infoprotect-quick-start-tutorial

QUESTION 69
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

You have an Azure virtual network named VNET1 in a resource group named RG1.

You assign the Azure Policy definition of Not Allowed Resource
Type and specify that virtual networks are not an allowed resource
type in RG1. VNET1 ▼

is deleted automatically.
is moved automatically to another resource group.
continues to function normally.
is now a read-only object.

Answer Area:

Answer Area

You have an Azure virtual network named VNET1 in a resource group named RG1.

You assign the Azure Policy definition of Not Allowed Resource
Type and specify that virtual networks are not an allowed resource
type in RG1. VNET1 ▼

is deleted automatically.
is moved automatically to another resource group.
continues to function normally.
is now a read-only object.

Section:
Explanation:
The VNet will be marked as 'Non-compliant' when the policy is assigned. However, it will not be deleted and will continue to function normally. Azure Policy is a service in Azure that you use to create, assign, and manage policies. These policies enforce different rules and effects over your resources, so those resources stay compliant with your corporate standards and service level agreements.
If there are any existing resources that aren't compliant with a new policy assignment, they appear under Non-compliant resources.
References:
https://docs.microsoft.com/en-us/azure/governance/policy/overview
https://docs.microsoft.com/en-us/azure/governance/policy/assign-policy-portal

QUESTION 70
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

| Authorization ▼ | is the process of verifying a user's credentials. |

Authorization
Authentication
Federation
Ticketing

Answer Area:

Answer Area

| ▼ | is the process of verifying a user's credentials. |

Authorization
Authentication
Federation
Ticketing

Section:
Explanation:
Authentication, not authorization is the process of verifying a user's credentials.
The difference between authentication and authorization is:
Authentication is proving your identity, proving that you are who you say you are. The most common example of this is logging in to a system by providing credentials such as a username and password. Authorization is what you're allowed to do once you've been authenticated. For example, what resources you're allowed to access and what you can do with those resources.

QUESTION 71
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area:

Section:

Explanation:

If the SLA for an Azure service is not met, you receive credits for that service and that service only. The credits are deducted from your monthly bill for that service. If you stopped using the service where the SLA was not met, your account would remain in credit for that service. The credits would not be applied to any other services that you may be using.

Service Credits apply only to fees paid for the particular Service, Service Resource, or Service tier for which a Service Level has not been met. In cases where Service Levels apply to individual Service Resources or to separate Service tiers, Service Credits apply only to fees paid for the affected Service Resource or Service tier, as applicable. The Service Credits awarded in any billing month for a particular Service or Service Resource will not, under any circumstance, exceed your monthly service fees for that Service or Service Resource, as applicable, in the billing month.

References:

https://azure.microsoft.com/en-gb/support/legal/sla/analysis-services/v1_0/

QUESTION 72

HOTSPOT

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
All the Azure resources deployed to a single resource group must share the same Azure region.	◯	◯
If you assign a tag to a resource group, all the Azure resources in that resource group are assigned to the same tag.	◯	◯
If you set permissions to a resource group, all the Azure resources in that resource group inherit the permissions.	◯	◯

Answer Area:
Answer Area

Section:
Explanation:

QUESTION 73
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
From Azure Service Health, an administrator can view the health of all the services deployed to an Azure environment and all the other services available in Azure.	○	○
From Azure Service Health, an administrator can create a rule to be alerted if an Azure service fails.	○	○
From Azure Service Health, an administrator can prevent a service failure from affecting a specific virtual machine.	○	○

Answer Area:

Section:
Explanation:

QUESTION 74
HOTSPOT
Several support engineers plan to manage Azure by using the computers shown in the following table:

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

You need to identify which Azure management tools can be used from each computer. What should you identify for each computer? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point

Hot Area:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	○	○
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	○	○
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Azure Advisor provides recommendations on how to improve the security of an Azure Active Directory (Azure AD) environment.	○	●
Azure Advisor provides recommendations on how to reduce the cost of running Azure virtual machines.	●	○
Azure Advisor provides recommendations on how to configure the network settings on Azure virtual machines.	○	●

Section:
Explanation:

QUESTION 75
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

Azure Site Recovery provides [▼] for virtual machines.

- fault tolerance
- disaster recovery
- elasticity
- high availability

Answer Area:

Answer Area

Azure Site Recovery provides [▼] for virtual machines.

- fault tolerance
- disaster recovery
- elasticity
- high availability

Section:
Explanation:
Azure Site Recovery helps ensure business continuity by keeping business apps and workloads running during outages. Site Recovery replicates workloads running on physical and virtual machines (VMs) from a primary site to a secondary location.
Reference:
https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-overview

QUESTION 76
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

After you create a virtual machine, you need to modify the [▼]

| network security group (NSG) |
| virtual network gateway |
| virtual network |
| route table |

to allow connections to TCP port 8080 on the virtual machine.

Answer Area:

Answer Area

After you create a virtual machine, you need to modify the [▼]

| network security group (NSG) |
| virtual network gateway |
| virtual network |
| route table |

to allow connections to TCP port 8080 on the virtual machine.

Section:

Explanation:

When you create a virtual machine, the default setting is to create a Network Security Group attached to the network interface assigned to a virtual machine.

A network security group works like a firewall. You can attach a network security group to a virtual network and/or individual subnets within the virtual network. You can also attach a network security group to a network interface assigned to a virtual machine. You can use multiple network security groups within a virtual network to restrict traffic between resources such as virtual machines and subnets.

You can filter network traffic to and from Azure resources in an Azure virtual network with a network security group. A network security group contains security rules that allow or deny inbound network traffic to, or outbound network traffic from, several types of Azure resources.

In this question, we need to add a rule to the network security group to allow the connection to the virtual machine on port 8080.

Reference:

https://docs.microsoft.com/en-us/azure/virtual-network/security-overview

QUESTION 77

HOTSPOT

To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

The [▼]
- Microsoft Online Services Privacy Statement
- Microsoft Online Services Terms
- Microsoft Online Service Level Agreement
- Online Subscription Agreement for Microsoft Azure

explains what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data.

Answer Area:

Answer Area

The [▼]
- Microsoft Online Services Privacy Statement
- Microsoft Online Services Terms
- Microsoft Online Service Level Agreement
- Online Subscription Agreement for Microsoft Azure

explains what data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data.

Section:
Explanation:
The Microsoft Privacy Statement explains what personal data Microsoft processes, how Microsoft processes the data, and the purpose of processing the data
Reference:
https://privacy.microsoft.com/en-us/privacystatement

QUESTION 78
HOTSPOT
To complete the sentence, select the appropriate option in the answer area.

Hot Area:

Answer Area

An Azure Policy initiative definition is a

collection of policy definitions
collection of Azure Policy definition assignments
group of Azure Blueprints definitions
group of role-based access control (RBAC) role assignments

Answer Area:

Answer Area

An Azure Policy initiative definition is a

collection of policy definitions
collection of Azure Policy definition assignments
group of Azure Blueprints definitions
group of role-based access control (RBAC) role assignments

Section:
Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

QUESTION 79
DRAG DROP
Match the Azure service to the correct description.
Instructions: To answer, drag the appropriate Azure service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.
NOTE: Each correct selection is worth one point.

Select and Place:

Services	Answer Area	
Azure Functions		Provide operating system virtualization
Azure App Service		Provide portable environment for virtualized applications
Azure virtual machines		Used to build, deploy, and scale web apps
Azure Container Instances		Provide a platform for serverless code

Correct Answer:

Services	Answer Area	
	Azure virtual machines	Provide operating system virtualization
	Azure Container Instances	Provide portable environment for virtualized applications
	Azure App Service	Used to build, deploy, and scale web apps
	Azure Functions	Provide a platform for serverless code

Section:

Explanation:

Box 1:

Azure virtual machines provide operation system virtualization.

Azure Virtual Machines (VM) is one of several types of on-demand, scalable computing resources that Azure offers. Typically, you choose a VM when you need more control over the computing environment than the other choices offer.

Box 2:

Azure Container Instances provide portable environments for virtualized applications.

Containers are becoming the preferred way to package, deploy, and manage cloud applications. Azure Container Instances offers the fastest and simplest way to run a container in Azure, without having to manage any virtual machines and without having to adopt a higher-level service.

Containers offer significant startup benefits over virtual machines (VMs). Azure Container Instances can start containers in Azure in seconds, without the need to provision and manage VMs.

Box 3:

Azure App Service is used to build, deploy and scale web apps.

Azure App Service is a platform-as-a-service (PaaS) offering that lets you create web and mobile apps for any platform or device and connect to data anywhere, in the cloud or on-premises. App Service includes the web and mobile capabilities that were previously delivered separately as Azure Websites and Azure Mobile Services.

Box 4:

Azure Functions provide a platform for serverless code.

Azure Functions is a serverless compute service that lets you run event-triggered code without having to explicitly provision or manage infrastructure. References:

https://docs.microsoft.com/en-us/azure/virtual-machines/windows/overview

https://docs.microsoft.com/en-us/azure/security/fundamentals/paas-applications-using-app-services

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

https://docs.microsoft.com/en-us/azure/container-instances/container-instances-overview

QUESTION 80

DRAG DROP

Match the cloud model to the correct advantage.

Instructions: To answer, drag the appropriate cloud model from the column on the left to its advantage on the right. Each cloud model may be used once, more than once, or not at all.

NOTE: Each correct match is worth one point

Select and Place:

Cloud model	Work Area	
Hybrid Cloud		No required capital expenditure.
Private Cloud		Provides complete control over security.
Public Cloud		Provides a choice to use on-premises or cloud-based resources.

Correct Answer:

Cloud model	Work Area	
	Public Cloud	No required capital expenditure.
	Private Cloud	Provides complete control over security.
	Hybrid Cloud	Provides a choice to use on-premises or cloud-based resources.

Section:
Explanation:
Box 1: Public Cloud
With a public cloud, there is no capital expenditure on server hardware etc. You only pay for cloud resources that you use as you use them.
Box 2: Private Cloud
A private cloud exists on premises, so you have complete control over security.
Box 3: Hybrid Cloud
A hybrid cloud is a mix of public cloud resources and on-premises resources. Therefore, you have a choice to use either.

QUESTION 81
DRAG DROP
Match the Azure Services service to the correct description.
Instructions: To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all. NOTE: Each correct selection is worth one point.

Select and Place:

Services	Answer Area	
Azure Sphere		A managed service that provides bidirectional communication between IoT devices and Azure
IoT Central		A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale
IoT Hub		A software and hardware solution that provides communication and security features for IoT devices

Correct Answer:

Services

IoT Hub	A managed service that provides bidirectional communication between IoT devices and Azure
IoT Central	A fully managed software as a service (SaaS) solution to connect, monitor, and manage IoT devices at scale
Azure Sphere	A software and hardware solution that provides communication and security features for IoT devices

Answer Area

Section:
Explanation:
Reference:
https://docs.microsoft.com/en-us/azure-sphere/product-overview/what-is-azure-sphere
https://docs.microsoft.com/en-us/azure/iot-central/core/overview-iot-central
https://docs.microsoft.com/en-us/azure/iot-hub/about-iot-hub

QUESTION 82
DRAG DROP
Match the Azure Services service to the correct descriptions.
Instructions: To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

Select and Place:

Services

- Azure Active Directory (Azure AD)
- Azure Key Vault
- Azure Lighthouse
- Azure Security Center
- Azure Sentinel

Answer Area

	Analyze security log files from Azure virtual machines
	Display the secure score for an Azure subscription
	Store passwords for use by Azure Function applications.

Correct Answer:

Services

Azure Active Directory
(Azure AD)

[ ]

Azure Lighthouse

[ ]

[ ]

Answer Area

Azure Sentinel	Analyze security log files from Azure virtual machines
Azure Security Center	Display the secure score for an Azure subscription
Azure Key Vault	Store passwords for use by Azure Function applications.

Section:
Explanation:
Box 1: Azure Sentinel
Box 2: Azure Security Center
Box 3: Azure Key Vault
Incorrect Answer:
▪ Azure Active Directory (Azure AD)
Azure Active Directory (Azure AD)
Azure AD is an identity and access management service, which helps your employees sign in and access resources
▪ Azure Lighthouse
Azure Lighthouse
Azure Lighthouse is used for cross- and multi-tenant management.
Reference:
https://docs.microsoft.com/en-us/azure/sentinel/overview
https://docs.microsoft.com/en-us/azure/security-center/secure-score-security-controls
https://practical365.com/securing-sensitive-information-in-azure-functions-with-the-azure-key-vault/
https://docs.microsoft.com/en-us/azure/active-directory/fundamentals/active-directory-whatis
https://docs.microsoft.com/en-us/azure/lighthouse/overview

QUESTION 83
DRAG DROP
Match the Azure service to the appropriate description.
To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

Select and Place:

Services

Services
Azure Cosmos DB
Azure HDInsight
Azure Synapse Analytics

Answer Area

	A fully managed data warehouse that has integral security at every level of scale at no extra cost.
	A globally distributed database that supports NoSQL.
	Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

Correct Answer:

Services

Services

Answer Area

Service	Description
Azure Synapse Analytics	A fully managed data warehouse that has integral security at every level of scale at no extra cost.
Azure Cosmos DB	A globally distributed database that supports NoSQL.
Azure HDInsight	Managed Apache Hadoop clusters in the cloud that enable you to process massive amounts of data.

Section:
Explanation:

QUESTION 84
DRAG DROP
You need to complete the defense-in-depth strategy used in a datacenter.
What should you do? To answer, drag the appropriate layers to the correct positions in the model. Each layer may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content. NOTE: Each correct selection is worth one point.

Select and Place:

Layers

Perimeter
Application
Physical Security

Answer Area

Layer

Identity & Access

Layer

Network

Compute
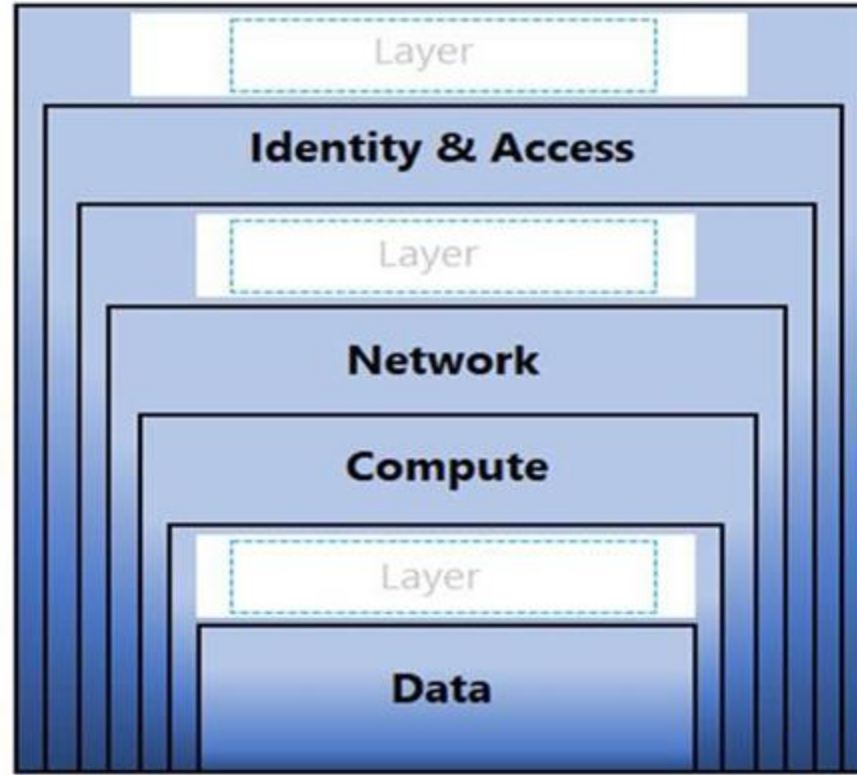
Layer

Data

Correct Answer:

Layers

Answer Area

Physical Security

Identity & Access

Perimeter

Network

Compute
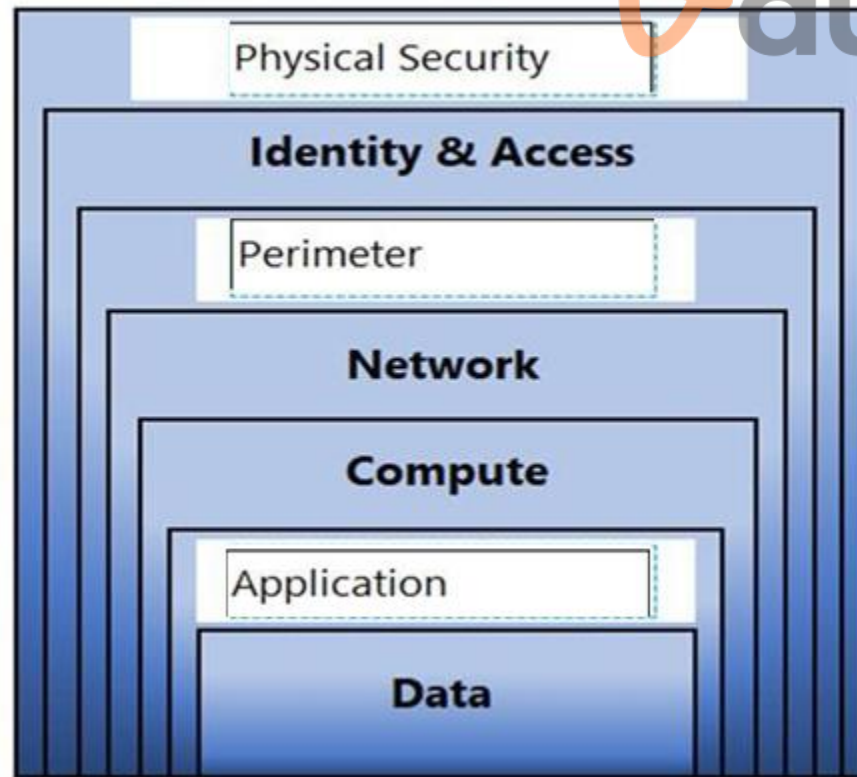
Application

Data

Section:

Explanation:

Defence in depth layers (from bottom to top):

• Data

Data

- In almost all cases attackers are after data.
- Data can be in database, stored on disk inside VMs, on a SaaS application such as Office 365 or in cloud storage. - Those storing and controlling access to data to ensures that it's properly secured
- Often regulatory requirements dictates controls & processes
- to ensure confidentiality, integrity, and availability.
Application
- Ensure applications are secure and free of vulnerabilities.
- Store sensitive application secrets in a secure storage medium.
- Make security a design requirement for all application development.
- Integrate security into the application development life cycle.
• Compute
Compute
- Secure access to virtual machines.
- Implement endpoint protection and keep systems patched and current.
- Malware, unpatched systems, and improperly secured systems open your environment to attacks.
Networking
- Limit communication between resources.
- Deny by default.
- Allow only what is required
- Restrict inbound internet access and limit outbound, where appropriate.
- Implement secure connectivity to on-premises networks.
Perimeter
- Use distributed denial of service (DDoS) protection to filter large-scale attacks before they can cause a denial of service for end users. - Use perimeter firewalls to identify and alert on malicious attacks against your network.
Identity and access
- Control access to infrastructure and change control.
- Access granted is only what is needed
- Use single sign-on and multi-factor authentication.
- Audit events and changes.
Physical security
- Building security & controlling access to computing hardware.
- First line of defense.
Reference:
https://github.com/undergroundwires/Azure-in-bullet-points/blob/master/AZ-900%20Microsoft%20Azure%20Fundamentals/4.2.%20Defence%20in%20Depth.md

QUESTION 85
DRAG DROP
Match the serverless solution to the correct characteristic.
To answer, drag the appropriate serverless solution from the column on the left to its characteristic on the right. Each serverless solution may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.

Select and Place:

Serverless Solutions		Answer Area	
		Executes code:	
Azure Functions			
		Is always stateful:	
Azure Logic Apps			
		Runs only in the cloud:	

Correct Answer:

Serverless Solutions | **Answer Area**

Azure Functions

Azure Logic Apps

Executes code: | Azure Functions

Is always stateful: | Azure Functions

Runs only in the cloud: | Azure Logic Apps

Section:
Explanation:
Box 1: Azure Functions
Azure Functions allows you to implement your system's logic into readily available blocks of code called "functions". Different functions can run anytime you need to respond to critical events.
Box 2: Azure Functions
Azure Logic Apps can have multiple stateful and stateless workflows.
Box 3: Azure Logic Apps
Azure Logic Apps is a cloud-based platform for creating and running automated workflows that integrate your apps, data, services, and systems.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-overview
https://docs.microsoft.com/en-us/azure/azure-functions/functions-overview

QUESTION 86
DRAG DROP
Match The cloud service models to the appropriate offerings.
To answer drag the appropriate model from the column on the left to its offering on the right. Each model may be used once, more than once, or not at all.
NOTE Each correct match is worth one point.

Select and Place:

Models | **Answer Area**

Infrastructure as a service (IaaS)

Platform as a service (PaaS)

Software as a service (SaaS)

Model | Azure App Service

Model | Azure virtual machines

Model | Microsoft Dynamics 365

Correct Answer:

Models	Answer Area	
	Platform as a service (PaaS)	Azure App Service
	Infrastructure as a service (IaaS)	Azure virtual machines
	Software as a service (SaaS)	Microsoft Dynamics 365

Section:
Explanation:

QUESTION 87
What should you use to evaluate whether your company's Azure environment meets regulatory requirements?

A. Azure Service Health

B. Azure Knowledge Center

C. Azure Security Center

D. Azure Advisor

Correct Answer: C
Section:
Explanation:
The advanced monitoring capabilities in Security Center lets you track and manage compliance and governance over time. The overall compliance provides you with a measure of how much your subscriptions are compliant with policies associated with your workload.
Reference:
https://docs.microsoft.com/en-us/azure/security-center/security-center-intro

QUESTION 88
Your company has an Azure subscription that contains resources in several regions.
You need to ensure that administrators can only create resources in those regions.
What should you use?

A. a read-only lock

B. an Azure policy

C. a management group

D. a reservation

Correct Answer: B
Section:
Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

QUESTION 89
Your company has a Software Assurance agreement that includes Microsoft SQL Server licenses.
You plan to deploy SQL Server on Azure virtual machines.
What should you do to minimize licensing costs for the deployment?

A. Deallocate the virtual machines during off hours.

B. Use Azure Hybrid Benefit.

C. Configure Azure Cost Management budgets.

D. Use Azure reservations.

Correct Answer: B
Section:
Explanation:
Azure Hybrid Benefit is a licensing benefit that helps you to significantly reduce the costs of running your workloads in the cloud. It works by letting you use your on-premises Software Assurance-enabled Windows Server and SQL Server licenses on Azure.
Reference:
https://azure.microsoft.com/en-us/pricing/hybrid-benefit/

QUESTION 90
You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).
What should you use?

A. Azure Sentinel

B. Azure Synapse Analytics

C. Azure AD Connect

D. Azure Key Vault

Correct Answer: A
Section:
Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/sentinel/overview

QUESTION 91
Your company plans to migrate all its data and resources to Azure.
The company's migration plan states that only Platform as a Service (PaaS) solutions must be used in Azure. You need to deploy an Azure environment that meets the company's migration plan.
What should you create?

A. Azure virtual machines, Azure SQL databases, and Azure Storage accounts.

B. an Azure App Service and Azure virtual machines that have Microsoft SQL Server installed.

C. an Azure App Service and Azure SQL databases.

D. Azure storage account and web server in Azure virtual machines.

Correct Answer: C
Section:
Explanation:
Azure App Service and Azure SQL databases are examples of Azure PaaS solutions. Therefore, this solution does meet the goal.

QUESTION 92
You plan to deploy several Azure virtual machines.
You need to ensure that the services running on the virtual machines remain available if a single data center fails.
What are two possible solutions? Each correct answer presents a complete solution.

A. Deploy the virtual machines to two or more availability zones.

B. Deploy the virtual machines to two or more resource groups.

C. Deploy the virtual machines to a scale set.

D. Deploy the virtual machines to two or more regions.

Correct Answer: A, D
Section:
Explanation:

https://docs.microsoft.com/en-us/azure/virtual-machine-scale-sets/availability https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions

QUESTION 93
Which Azure service can you use as a security information and event management (SIEM) solution?

A. Azure Analysis Services

B. Azure Sentinel

C. Azure Information Protection

D. Azure Cognitive Services

Correct Answer: B
Section:
Explanation:

https://azure.microsoft.com/en-in/services/azure-sentinel/

QUESTION 94
What does a customer provide in a software as a service

A. application data

B. data storage

C. compute resources

D. application software

Correct Answer: A
Section:
Explanation:
SaaS provides a complete software solution which you purchase on a pay-as-you-go basis from a cloud service provider. You rent the use of an app for your organization and your users connect to it over the Internet, usually with a web browser. All of the underlying infrastructure, middleware, app software and app data are located in the service provider's data center. The service provider manages the hardware and software and with the appropriate service agreement, will ensure the availability and the security of the app and your data as well.
Reference:
https://azure.microsoft.com/en-in/overview/what-is-saas/

QUESTION 95
You have an Azure subscription and 100 Windows 10 devices.
You need to ensure that only users whose devices have the latest security patches installed can access Azure Active Directory (Azure AD)-integrated applications. What should you implement?

A. a conditional access policy

B. Azure Bastion

C. Azure Firewall

D. Azure Policy

Correct Answer: A
Section:
Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/active-directory/conditional-access/concept-conditional-access-policies

QUESTION 96
Your company has an Azure subscription that contains the following unused resources:
20 user accounts in Azure Active Directory (Azure AD)
Five groups in Azure AD
10 public IP addresses
10 network interfaces
You need to reduce the Azure costs for the company.
Which unused resources should you remove?

A. the network interfaces

B. the public IP addresses

C. the groups

D. the user accounts

Correct Answer: B
Section:
Explanation:
You are charged for public IP addresses. Therefore, deleting unused public IP addresses will reduce the Azure costs.
Reference:
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

QUESTION 97
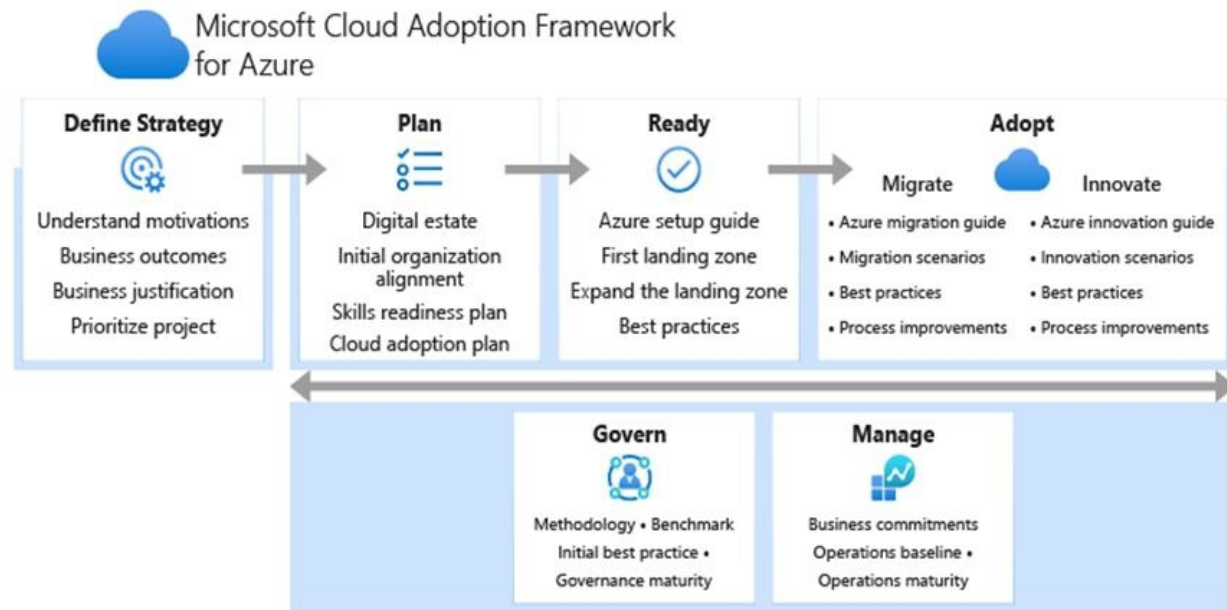What is the first stage in the Microsoft Cloud Adoption Framework for Azure?

A. Adopt the cloud.

B. Make a plan.

C. Ready your organization.

D. Define your strategy.

Correct Answer: D
Section:
Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/cloud-adoption-framework/overview

QUESTION 98
You have an Azure virtual machine named VM1.
You plan to encrypt VM1 by using Azure Disk Encryption.
Which Azure resource must you create first?

A. an Azure Storage account

B. an Azure Key Vault

C. an Azure Information Protection policy

D. an Encryption key

Correct Answer: B
Section:
Explanation:
Azure Disk Encryption requires an Azure Key Vault to control and manage disk encryption keys and secrets.
Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/disk-encryption-overview

QUESTION 99
Which resources can be used as a source for a Network security group inbound security rule?

A. Service Tags only

B. IP Addresses, Service tags and Application security groups

C. Application security groups only

D. IP Addresses only

Correct Answer: B
Section:
Explanation:
Source or destination:
Any, or an individual IP address, classless inter-domain routing (CIDR) block (10.0.0.0/24, for example), service tag, or application security group.

Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/network-security-groups-overview

QUESTION 100
You have an Azure subscription.
Where will you find details on the personal data collected by Microsoft, how Microsoft uses the data, and what the data is used for?

A. the Data Protection Addendum
B. the Microsoft Online Services Terms
C. the Microsoft Privacy Statement
D. Azure Security Center

Correct Answer: C
Section:
Explanation:
The Microsoft Privacy Statement explains the personal data Microsoft processes, how Microsoft processes it, and for what purposes. Your applicable Services Agreement or the Preview Supplemental Terms may specify lesser or different privacy measures for some Preview services.
Reference:
https://azure.microsoft.com/en-us/support/legal/

QUESTION 101
Who can use the Azure Total Cost of Ownership (TCO) calculator?

A. billing readers for an Azure subscription only
B. owners for an Azure subscription only
C. anyone
D. all users who have an account in Azure Active Directory (Azure AD) that is linked to an Azure subscription only

Correct Answer: C
Section:
Explanation:
You don't need an Azure subscription to work with the TCO Calculator.
Reference:
https://docs.microsoft.com/en-us/learn/modules/plan-manage-azure-costs/2-compare-costs-tco-calculator

QUESTION 102
What is the most severe failure from which an Azure Availability Zone can be used to protect access to Azure services.
What should you identify?

A. a physical server failure
B. an Azure region failure
C. a storage failure
D. an Azure data center failure

Correct Answer: D
Section:
Explanation:
Availability zones expand the level of control you have to maintain the availability of the applications and data on your VMs. An Availability Zone is a physically separate zone, within an Azure region. There are three

Availability Zones per supported Azure region.

Each Availability Zone has a distinct power source, network, and cooling. By architecting your solutions to use replicated VMs in zones, you can protect your apps and data from the loss of a datacenter. If one zone is compromised, then replicated apps and data are instantly available in another zone.

Reference:

https://docs.microsoft.com/en-us/azure/virtual-machines/availability

QUESTION 103

You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription.

What should you use?

A. Azure subscriptions

B. Azure Security Center

C. Azure Marketplace

D. Microsoft Store

Correct Answer: C

Section:

Explanation:

Reference:

https://docs.microsoft.com/en-us/azure/cost-management-billing/manage/ea-azure-marketplace

QUESTION 104

You have an Azure Sentinel workspace.

You need to automate responses to threats detected by Azure Sentinel.

What should you use?

A. adaptive network hardening in Azure Security Center

B. Azure Service Health

C. Azure Monitor workbooks

D. adaptive application controls in Azure Security Center

Correct Answer: C

Section:

QUESTION 105

What can you use to identify underutilized or unused Azure virtual machines?

A. Azure Advisor

B. Azure Cost Management + Billing

C. Azure reservations

D. Azure Policy

Correct Answer: A

Section:

Explanation:

Azure Advisor helps you optimize and reduce your overall Azure spend by identifying idle and underutilized resources. You can get cost recommendations from the Cost tab on the Advisor dashboard.

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

QUESTION 106
You have an accounting application named App1 that uses a legacy database. You plan to move App1 to the cloud. Which service model should you use?

A. software as a service (SaaS)

B. infrastructure as a service (IaaS)

C. platform as a service (PaaS)

Correct Answer: B
Section:

QUESTION 107
What is the longest term you can purchase tor Azure Reserved VM Instances?

A. three years

B. four years

C. one year

D. five years

Correct Answer: A
Section:

QUESTION 108
You need to manage containers.
Which two services can you use? Each correct answer presents a complete solution,
NOTE: Each correct selection is worth one point.

A. Azure Virtual Desktop

B. Azure virtual machines

C. Azure Functions

D. Azure Kubernetes Service (AKS)

E. Azure Container Instances

Correct Answer: D, E
Section:

QUESTION 109
Fill in the blank
_____ is a highly secure IoT solution that includes a microcontroller unit (MCU) and a customized Linux operating system.

A. Azure IoT Central

Correct Answer: A
Section:

QUESTION 110
You plan to collect and analyze event details for five Azure virtual machines. You need to run queries to compare the event details collected from all the virtual machines. Which two tools should you use? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

A. Azure Service Bus

B. Azure Monitor

C. Azure Service Health

D. Log Analytics

E. Azure Advisor

Correct Answer: B, D
Section:

QUESTION 111
You need to compare a company's cloud usage to industry standard best practices. What should you use?

A. Azure Monitor

B. Azure Advisor

C. Application Insights in Azure Monitor

D. Azure Service Health

Correct Answer: A
Section:

QUESTION 112
Your company has an Azure subscription that contains several resources.
You need to identify which department is responsible for the cost of each resource.
What should you use?

A. tags

B. alerts

C. budgets

Correct Answer: A
Section:

QUESTION 113
Which service can replace a resource lock automatically if the lock is removed?

A. Azure Blueprints

B. Azure Information Protection (AIP)

C. Azure Backup

D. Azure Advisor

Correct Answer: B
Section:

QUESTION 114
What is used to grant permission to Azure Virtual Desktop resources?

A. role-based access control (RBAC) roles

B. application security groups

C. tags

D. resource groups

Correct Answer: A
Section:

QUESTION 115
You have an Azure subscription.
You need to review your secure score.
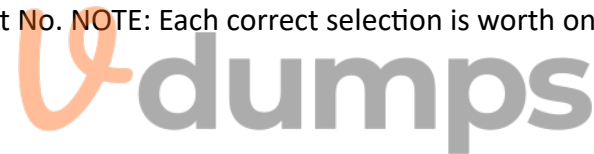What should you use?

A. Azure Monitor

B. Azure Advisor

C. Help - support

D. Microsoft Defender for Cloud

Correct Answer: D
Section:

QUESTION 116
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	○	○
Authentication is the process of establishing which level of access an authenticated user or service has.	○	○
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	○	○

Answer Area:

Answer Area

Statements	Yes	No
Single sign-on (SSO) requires that all users sign in by using the Microsoft Authenticator app.	○	☑
Authentication is the process of establishing which level of access an authenticated user or service has.	○	☑
Conditional Access uses signals collected from a user during the sign-in process to decide whether to allow or deny access requests.	☑	○

Section:
Explanation:

QUESTION 117
HOTSPOT
Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

| Azure Functions ▼ | runs application code in Azure without requiring a server. |

An Azure DevOps pipeline
An Azure Resource Manager template
Azure Application Gateway
Azure Functions

Answer Area:

Answer Area

| Azure Functions ▼ | runs application code in Azure without requiring a server. |

An Azure DevOps pipeline
An Azure Resource Manager template
Azure Application Gateway
Azure Functions

Section:
Explanation:

QUESTION 118
HOTSPOT
Select the answer that correctly completes the sentence.

Hot Area:

Answer Area

| Azure policies ▼ | provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions. |

Resource groups
Management groups
Azure policies
Azure App Service plans

Answer Area:

Answer Area

| Azure policies ▼ | provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions. |

Resource groups
Management groups
Azure policies
Azure App Service plans

QUESTION 119
HOTSPOT
Select the answer that correctly completes the sentence.

Answer Area

Authentication ▾	is the process of establishing the identity

Authentication
Authorization
Conditional Access
Synchronization

s a resource.

Answer:

Answer Area

Authentication ▾	is the process of establishing the identity

Authentication
Authorization
Conditional Access
Synchronization

s a resource.

Hot Area:

Answer Area

Authentication ▾	is the process of establishing the identity

Authentication
Authorization
Conditional Access
Synchronization

s a resource.

Answer Area:

Answer Area

Authentication ▾	is the process of establishing the identity

Authentication
Authorization
Conditional Access
Synchronization

s a resource.

Section:
Explanation:

QUESTION 120
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Hot Area:
Answer Area

Statements	Yes	No
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	○	○
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	○	○
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	○	○

Answer Area:
Answer Area

Statements	Yes	No
A Platform as a Service (PaaS) solution provides full control of operating systems that host applications.	○	○
A Platform as a Service (PaaS) solution provides additional memory to apps by changing pricing tiers.	○	○
A Platform as a Service (PaaS) solution can automatically scale the number of instances.	○	○

Section:
Explanation:

QUESTION 121
HOTSPOT
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Hot Area:
Answer Area

Statements	Yes	No
You must have physical servers to use cloud computing.	○	○
You must have internet connectivity to use cloud computing.	○	○
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	○	○

Answer Area:

Answer Area

Statements	Yes	No
You must have physical servers to use cloud computing.	○	◉
You must have internet connectivity to use cloud computing.	◉	○
The costs to increase cloud computing capacity are less than the costs to increase the computing capacity of an on-premises datacenter.	◉	○

Section:
Explanation:

QUESTION 122
DRAG DROP
Match the cloud computing benefits to the appropriate descriptions
To answer, drag the appropriate service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point

Select and Place:

Agility		Answer Area
Disaster recovery		The ability to dynamically scale the resources available to a cloud app
Elasticity		The ability to use cloud-based backup services to restore resources in the event of an outage
		The ability to quickly deploy and configure cloud-based resources as app requirements change

Correct Answer:

	Answer Area
	Agility	The ability to dynamically scale the resources available to a cloud app
	Disaster recovery	The ability to use cloud-based backup services to restore resources in the event of an outage
	Elasticity	The ability to quickly deploy and configure cloud-based resources as app requirements change

Section:
Explanation:

QUESTION 123
DRAG DROP
Match the term to the appropriate description.
To answer, drag the appropriate term from the column on the left to its description on the right. Each term may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.

Select and Place:

Correct Answer:

Terms | Answer Area

single sign-on (SSO) — The ability to use the same credentials to access multiple resources and applications from different

authorization — The process of identifying the access level of a user or service.

multi-factor authentication (MFA) — Requires several elements to identify a user or a service.

Section:
Explanation:

QUESTION 124
DRAG DROP
Match the Azure storage services to the appropriate descriptions.
To answer, drag the appropriate storage service from the column on the left to its description on the right. Each service may be used once, more than once, or not at all. NOTE: Each correct match is worth one point.

Select and Place:

Storage service | Answer Area

Azure Blob storage

Azure Disk Storage

Azure Files

Azure Queue Storage

Used for reliable messaging between applications

Can be accessed as a network share from a Windows device

Can be configured to use the Archive access tier

Correct Answer:

Storage service | Answer Area

Azure Disk Storage

Azure Queue Storage — sed for reliable messaging between applications

Azure Files — an be accessed as a network share from a Windows device

Azure Blob storage — an be configured to use the Archive access tier

Section:
Explanation:

QUESTION 125
DRAG DROP
Match the cloud computing benefits to the appropriate requirements.
To answer, drag the appropriate benefit from the column on the left to its requirement on the right. Each benefit may be used once more than once, or not at all.

NOTE: Each correct match is worth one point.

Select and Place:

Benefits	Answer Area
Disaster recovery	
Geo-distribution	☐ Provide a continuous user experience in the event of a resource failure.
High availability	☐ Deploy apps and data to regional data centers that are located close to users.
Scalability	☐ Compute capacity can be increased dynamically by adding RAM or CPU to a virtual machine.

Correct Answer:

Benefits	Answer Area
Disaster recovery	
	High availability — Provide a continuous user experience in the event of a resource failure.
	Geo-distribution — Deploy apps and data to regional data centers that are located close to users.
	Scalability — Compute capacity can be increased dynamically by adding RAM or CPU to a virtual machine.

Section:

Explanation: