Question 201   CertyIQ

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
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.	●	○

Explanation:

Box 1: No -
Resource groups are logical containers for Azure resources. You do not pay for resource groups.

Box 2: No -
Data ingress over a VPN is data 'coming in' to Azure over the VPN. You are not charged data transfer costs for data ingress or inbound. (Data Inbound is free, and data outbound is paid).

Box 3: Yes -
Data egress over a VPN is data 'going out' of Azure over the VPN. You are charged for data egress or outbound. (Data Inbound is free, and data outbound is paid).
Reference:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/manage-resource-groups-portal
https://azure.microsoft.com/en-us/pricing/details/bandwidth/ https://azure.microsoft.com/en-us/pricing/details/bandwidth/

Question 202   CertyIQ

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

A support plan solution that gives you best practice information, health status and notifications, and 24/7 access to billing information at the lowest possible cost is a Standard support plan.

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. Developer
C. Basic
D. Premier

Explanation:

Correct Answer: - C

A basic support plan provides:
☞ 24x7 access to billing and subscription support, online self-help, documentation, whitepapers, and support forums
☞ Best practices: Access to full set of Azure Advisor recommendations
☞ Health Status and Notifications: Access to personalized Service Health Dashboard & Health API
Reference:
https://azure.microsoft.com/en-us/support/plans/

Question 203   CertyIQ

In which Azure support plans can you open a new **support request?**

A. Premier and Professional Direct only

B. Premier, Professional Direct, and Standard only

C. Premier, Professional Direct, Standard, and Developer only

D. Premier, Professional Direct, Standard, Developer, and Basic

Explanation:

Correct Answer: - D

Support tickets got 4 types, including service and subscription (quotas), **subscription, management, billing and technical.** With basic tear, you can raise a support ticket only for subscription and billing not technical. Since the question is talking about generic support ticket, correct answer is D

Question 204	CertyIQ

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

You can create an Azure support request from support.microsoft.com.

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. the Azure portal

C. the Knowledge Center

D. the Security & Compliance admin center

Explanation:

Correct Answer: - B

You can create an Azure support request from the Help and Support blade in the Azure portal or from the context menu of an Azure resource in the Support +
Troubleshooting section.
Reference:

 https://docs.microsoft.com/en-us/azure/azure-supportability/how-to-create-azure-support-request

Question 205	CertyIQ

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 groups.**
Does this meet the goal?
A. Yes

<mark>B. No</mark>

Explanation:

Correct Answer: - No

The correct answer should be removing the 10 IP addresses. **You are not charged for Azure Active Directory Groups**. Therefore, deleting unused groups will not reduce your Azure costs.
Reference:
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

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Question 206   CertyIQ

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

The Azure Standard support plan is the lowest cost option to receive 24x7 access to support engineers by phone.

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.

<mark>A. No change is needed</mark>

B. Developer

C. Basic

D. Professional Direct

Explanation:

Correct Answer: - A

The Basic support plan is free so is therefore the cheapest. The Developer support plan is the cheapest paid-for support plan. The order of support plans in terms of **cost ranging from the cheapest to most expensive is: Basic, Developer, Standard, Professional Direct, Premier.**
However, 24/7 access to technical support by email and phone is only available for Standard, Professional Direct, Premier plans.
Reference:
https://azure.microsoft.com/en-gb/support/plans/

Question 207   CertyIQ

HOTSPOT -
To complete the sentence, select the appropriate option in the answer area.
Hot Area:

Answer Area

All Azure services that are in public preview are

provided without any documentation
only configurable from Azure CLI
excluded from the Service Level Agreements
only configurable from the Azure portal

Explanation:

Correct Answer: - C

Public Preview has no SLA; hence these are not advised to used in production.

Preview features are made available to you on the condition that you accept additional terms which supplement the regular Azure terms. The supplemental terms state:
PREVIEWS ARE PROVIDED "AS-IS," "WITH ALL FAULTS," AND "AS AVAILABLE," AND ARE EXCLUDED FROM THE SERVICE LEVEL AGREEMENTS AND
LIMITED WARRANTY.
Reference: https://azure.microsoft.com/en-gb/support/legal/preview-supplemental-terms/

Question 208	CertyIQ

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

A. uptime

B. feature availability

C. bandwidth

D. performance

Explanation:

Correct Answer: - A

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/

HOTSPOT -
To complete the sentence, select the appropriate option in the answer area.
Hot Area:

Answer Area

An Azure service is available to all Azure customers when it is in

▼

public preview
private preview
development
an Enterprise Agreement (EA) subscription

Explanation:

Correct Answer: - A

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.
Incorrect Answers:
☞ Services in private preview are available only to selected people who has signed up to the private preview program.
☞ Services in development are not available to the public.
☞ Services provided under an Enterprise Agreement (EA) subscription are available only to the subscription owner.
Reference:
https://www.neowin.net/news/several-more-azure-services-now-available-in-private-public-preview/

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

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: <mark>Premier, Professional Direct and standard.</mark>

Reference: https://azure.microsoft.com/en-gb/support/plans/

Question 211   CertyIQ

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 **Standard** support plan.
Does this meet the goal?

A. Yes

B. No

Explanation:

Correct Answer: - Yes

The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.
Reference:
https://azure.microsoft.com/en-gb/support/plans/

Question 212   CertyIQ

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 **Premier** support plan.
Does this meet the goal?

A. Yes

B. No

Explanation:

Correct Answer: - Yes

The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.

Reference:
https://azure.microsoft.com/en-gb/support/plans/

Question 213   CertyIQ

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

Explanation:

Correct Answer: - A

Only with Premier it's possible to "request an architectural review of an Azure environment from Microsoft." and this is what's being asked.

Premier support plan --> Architecture Support

"Customer specific architectural support such as design reviews, performance tuning, configuration and implementation assistance delivered by Microsoft Azure technical specialists."

Professional Direct support plan it's not enough since it only provides "Architectural guidance based on best practice delivered by ProDirect Delivery Manager"

Developer and Standard are not valid options.

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.

Reference:

https://azure.microsoft.com/en-gb/support/plans/

Question 214

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
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.	◯	🟢

Explanation:

Correct Answer: - Y, N, N

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 215

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

Explanation:

Pay as Go Subscription: https://azure.microsoft.com/en-ca/pricing/details/cost-management/

"Azure Cost Management and Billing is available to Azure customers and managed service providers at no additional cost."

Question 216 CertyIQ

HOTSPOT -
To complete the sentence, select the appropriate option in the answer area.
Hot Area:

Answer Area

Your Azure trial account expired last week.

You are now unable to [▼]

- Create additional Azure Active Directory (Azure AD) user accounts
- start an existing Azure virtual machine
- access your data stored in Azure
- access the Azure portal

Explanation:

Correct Answer: - B

A stopped (deallocated) VM is offline and not mounted on an Azure host server. Starting a VM mounts the VM on a host server before the VM starts. As soon as the VM is mounted, it becomes chargeable. For this reason, you are unable to start a VM after a trial has expired.
Incorrect Answers:
☞ You are not charged for Azure Active Directory user accounts so you can continue to create accounts.
☞ You can access data that is already stored in Azure.
☞ You can access the Azure Portal. You can also reactivate and upgrade the expired subscription in the portal.

Question 217 CertyIQ

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 **Professional** Direct support plan.
Does this meet the goal?

A. Yes

B. No

Explanation:

Correct Answer: - Yes

The Standard, Professional Direct, and Premier support plans have technical support for engineers via email and phone.

The Basic support plan does not have any technical support for engineers.
The Developer support plan has only technical support for engineers via email.

Reference:
https://azure.microsoft.com/en-gb/support/plans/

Question 218   CertyIQ

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.

Explanation:

Correct Answer: - B

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 219   CertyIQ

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

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

Question 220   CertyIQ

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.	○	●

Explanation:

Correct Answer: - Y, N, N

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 221

CertyIQ

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.	○	●

Explanation:

Correct Answer: - N, Y, N

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.
Reference: https://azure-overview.com/Home/Faq

Question 222

CertyIQ

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
With a consumption-based plan, you pay a fixed rate for all data sent to or from virtual machines hosted in the cloud.	○	●
With a consumption-based plan, you reduce overall costs by paying only for extra capacity when it is required.	●	○
Serverless computing is an example of a consumption-based plan.	●	○

Explanation:

Correct Answer: - N, Y, Y

CONSUMPTION MODEL: **Users only pay for the resources that they use, no up-front costs**. No need to purchase/manage costly infrastructure that not use fullest. Ability to pay/stop paying for additional resources when needed.

No fixed rate for all data sends because resources are metered/billed according they consume. SERVERLES COMPUTING: Highly scalable/event-driven, only resources when a specific function or trigger occurs.

Question 223   CertyIQ

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 cost of Azure resources can vary between regions.	●	○
An Azure reservation is used to reserve server capacity at a specific data center.	●	○
You can stop an Azure SQL Database instance to decrease costs.	○	●

Explanation:

Correct Answer: - Y, Y, N

Box 3 - There is no way to stop SQL Azure Database to avoid billing charges when not in use. The azure virtual machine can be suspended and by doing that you can avoid hourly charges, but you cannot do the same with a SQL Azure Database which is charged hourly per database

Question 224

HOTSPOT -
To complete the sentence, select the appropriate option in the answer area.
Hot Area:

Answer Area

You have an application that is comprised of an Azure web app that has a Service Level Agreement (SLA) of 99.95 percent and an Azure SQL database that has an SLA of 99.99 percent.

The composite SLA for the application is

- the product of both SLAs, which equals 99.94 percent
- the lowest SLA associated to the application, which is 99.95 percent
- the highest SLA associated to the application, which is 99.99 percent
- the difference between the two SLAs, which is 0.05 percent

Explanation:

Correct Answer: - 99.94%
App Service web apps = 99.95% SQL Database = 99.99%
The probability of each service failing is independent,
so, the composite SLA for this application is **99.95% × 99.99% = 99.94%.**

Composite SLAs involve multiple services supporting an application, each with differing levels of availability. For example, consider an App Service web app that writes to Azure SQL Database. At the time of this writing, these Azure services have the following SLAs:
App Service web apps = 99.95%
↪ SQL Database = 99.99%

Reference:
https://docs.microsoft.com/en-us/azure/architecture/reliability/requirements#understand-service-level-agreements

Question 225

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.	⚪	🟢

Explanation:

Correct Answer: - Y, Y, N

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.
Reference: https://azure.microsoft.com/en-us/support/legal/sla/summary/

Question 226   CertyIQ

Which statement accurately describes the **Modern Lifecycle Policy for Azure services**?

A. Microsoft provides mainstream support for a service for five years.

B. Microsoft provides a minimum of 12 months' notice before ending support for a service.

C. After a service is made generally available, Microsoft provides support for the service for a minimum of four years.

D. When a service is retired, you can purchase extended support for the service for up to five years.

Explanation:

Correct Answer: - B

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/modern-lifecycle-policy
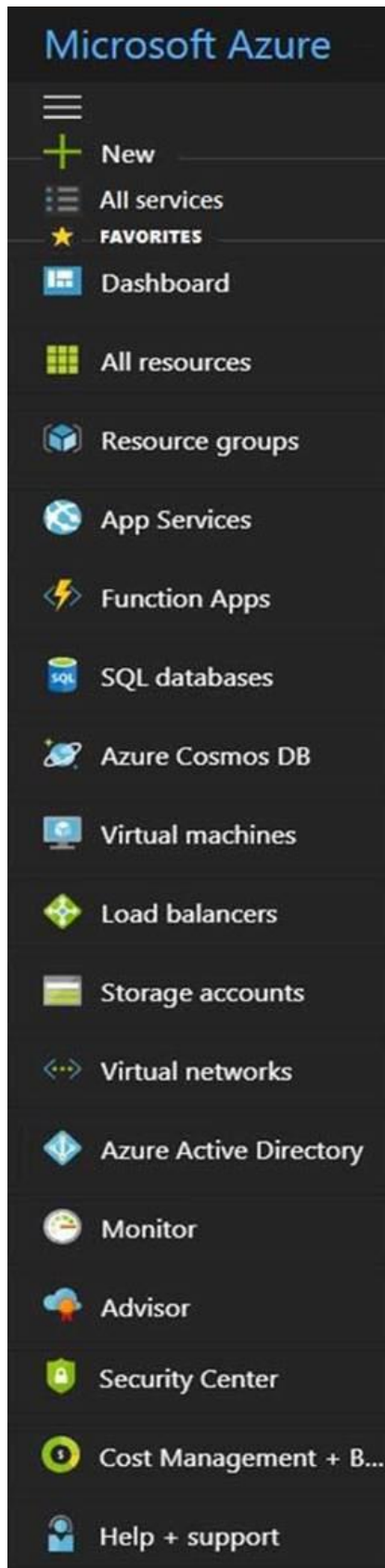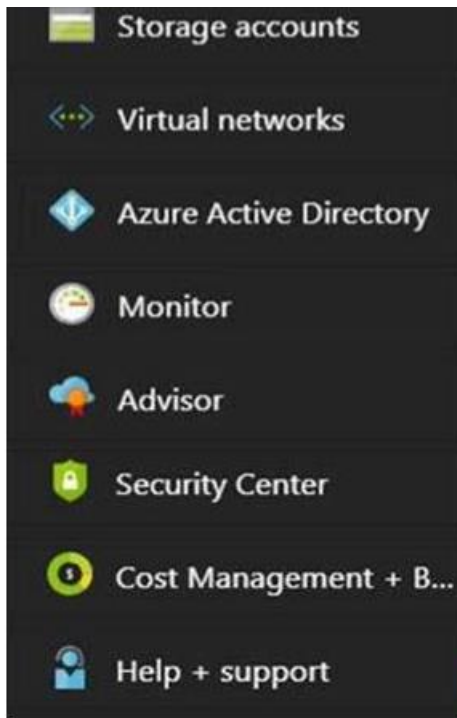
Question 227

CertyIQ

HOTSPOT -
You need to request that **Microsoft increase a subscription quota limit for your company.**
Which blade should you use from the Azure portal? To answer, select the appropriate blade in the answer area.
Hot Area:

Microsoft Azure

- ☰
- ╋ New
- ☰ All services
- ★ FAVORITES
- ▦ Dashboard
- ▦ All resources
- 📦 Resource groups
- 🌐 App Services
- ⚡ Function Apps
- 🗄 SQL databases
- 🪐 Azure Cosmos DB
- 🖥 Virtual machines
- ◈ Load balancers
- ▭ Storage accounts
- ⟨⋯⟩ Virtual networks
- ◈ Azure Active Directory
- 🌐 Monitor
- ☁ Advisor
- 🛡 Security Center
- Ⓢ Cost Management + B...
- 🔒 Help + support

Help + Support is correct, and it should appear at the bottom of the screenshot. We have to click on it in exam.

Explanation:

Correct Answer: - **Help + Support**

Request a standard quota increase from Help + support
Reference:

https://docs.microsoft.com/en-us/azure/azure-portal/supportability/per-vm-quota-requests

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Question 228

CertyIQ

HOTSPOT -
To complete the sentence, select the appropriate option in the answer area.
Hot Area:

Answer Area

Explanation:

Correct Answer: - Budget alerts

Clue: - Budget = Management Costs

Budget alerts notify you when spending, based on usage or cost, reaches or exceeds the amount defined in the alert condition of the budget. Cost Management budgets are created using the Azure portal or the Azure Consumption API.
Reference:
https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-alerts-monitor-usage-spending

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Question 229　　CertyIQ

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 the Azure portal, you can distinguish between services that are generally available and services that are in public preview.	●	○
After an Azure service becomes generally available, the service is no longer updated with new features.	○	●
When you create Azure resources for a service in public preview, you must recreate the resources once the service becomes generally available.	○	●

Explanation:

Correct Answer: - Y, N, N

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

Question 230　　CertyIQ

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
When using an Azure ExpressRoute connection, inbound data traffic from an on-premises network to Azure is always free.	●	○
Outbound data traffic from Azure to an on-premises network is always free.	○	●
Data traffic between Azure services within the same Azure region is always free.	●	○

Explanation:

Correct Answer: - Y, N, Y

Box 1: Yes -
With Azure ExpressRoute, all inbound data transfer is free of charge.

Box 2: No -
Inbound data traffic is free but outbound data traffic is not.

Box 3: Yes -
Reference:
https://azure.microsoft.com/en-us/pricing/details/expressroute/ https://azure.microsoft.com/en-us/pricing/details/bandwidth/

Question 231 CertyIQ

What are two benefits of cloud computing? Each correct answer presents a complete solution.
NOTE: Each correct selection is worth one point.

A. enables the rapid provisioning of resources

B. has increased administrative complexity

C. has the same configuration options as on-premises

D. shifts capital expenditures (CAPEX) to operating expenditures (OPEX)

Explanation:

Azure allows you to build, deploy, and manage apps more quickly and easily without having to buy and/or maintain the underlying infrastructure.
Azure provides flexibility between CapEx and OpEx
Capital expenditures generate benefits over a long period. These expenditures are generally nonrecurring and result in the acquisition of permanent assets.
Building an application could qualify as a capital expenditure. Example, Azure Reserved Instances (Azure RI) help Azure's most active customers save on long- term VM usage reserving VMs in advance at a discounted price by committing to a one or three-year benefits.
Operating expenditures are ongoing costs of doing business. Consuming cloud services in a pay-as-you-go model could qualify as an operating expenditure.
Example, you pay for a service or product as you use it i.e. pay-as-you-go pricing.

Reference:
https://www.protechtraining.com/blog/post/top-5-benefits-of-microsoft-azure-for-business-934
https://www.azureguru.org/capex-vs-opex/#

Question 232 CertyIQ

What is a feature of an Azure virtual network?

A. resource cost analysis

B. packet inspection

C. geo-redundancy

D. isolation and segmentation

Explanation:

Correct Answer: D
Implement network segmentation patterns on Azure.
A unified enterprise segmentation strategy guides technical teams to consistently segment access using networking, applications, identity, and any other access controls. Create segmentation in your network footprint by defining perimeters.
The main reasons for segmentation are:
The ability to group related assets that are a part of (or support) workload operations.
Isolation of resources.
Governance policies set by the organization.
Reference:
https://docs.microsoft.com/en-us/azure/architecture/framework/security/design-network-segmentation

Question 233   CertyIQ

HOTSPOT -
Select the answer that correctly completes the sentence.
Hot Area:

Answer Area

| Elasticity |
| Geo-distribution |
| High availability |
| Scalability |

enables Azure resources to be deployed close to users.

Answer Area

Correct Answer:

Elasticity
Geo-distribution
High availability
Scalability

enables Azure resources to be deployed close to users.

Explanation:

Because of geo-distribution you can deploy apps and data to regional datacenters around the globe, thereby ensuring that your customers always have the best performance in their region.
Reference:
https://docs.microsoft.com/learn/modules/fundamental-azure-concepts/benefits-of-cloud-computing

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Question 234   CertyIQ

DRAG DROP -
Match the cloud computing benefits to the appropriate descriptions.
To answer, drag the appropriate benefit from the column on the left to its description 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

Disaster recovery

Geo-distribution

High availability

Scalability

Answer Area

Benefit	Increase the compute capacity of apps in the cloud.

Benefit	Provide a continuous user experience with no apparent downtime.

Benefit	Ensure that users always have the best experience by deploying apps to all the regions where there are users.

Correct Answer:

Benefits

| Disaster recovery |
| Geo-distribution |
| High availability |
| Scalability |

Answer Area

Scalability	Increase the compute capacity of apps in the cloud.
High availability	Provide a continuous user experience with no apparent downtime.
Geo-distribution	Ensure that users always have the best experience by deploying apps to all the regions where there are users.

Explanation:

Reference:
https://docs.microsoft.com/learn/modules/fundamental-azure-concepts/benefits-of-cloud-computing

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Question 235   CertyIQ

Which cloud computing benefit provides continuous user access to a cloud-based application with minimal downtime?

A. agility

B. scalability

C. elasticity

D. high availability

Question 236   CertyIQ

DRAG DROP -
Match the Azure governance feature to the correct description.
Instructions: To answer, drag the appropriate feature from the column on the left to its description on the right.
Each feature may be used once, more than once, or not at all.
NOTE: Each correct match is worth one point.
Select and Place:

Features

| Azure Blueprints |
| Azure Policy |
| Azure resource locks |
| Azure tags |

Answer Area

	Restrict which virtual machine types can be created in a subscription.
	Identify Azure resources that are associated with specific cost centers.
	Deploy a complete Azure application environment including resources configuration and role assignments.

Correct Answer:

Features

| Azure Blueprints |
| Azure Policy |
| Azure resource locks |
| Azure tags |

Answer Area

Azure Policy	Restrict which virtual machine types can be created in a subscription.
Azure tags	Identify Azure resources that are associated with specific cost centers.
Azure Blueprints	Deploy a complete Azure application environment including resources configuration and role assignments.

Explanation:

Reference:
https://docs.microsoft.com/en-us/azure/governance/blueprints/overview https://docs.microsoft.com/en-us/azure/governance/policy/overview https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/tag-resources?tabs=json https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/lock-resources?tabs=json

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Question 237   CertyIQ

HOTSPOT -
Select the answer that correctly completes the sentence.
Hot Area:

Answer Area

An Availability Zone in Azure has
physically separate locations ▼

| across two continents |
| within a single Azure region |
| within multiple Azure regions |
| within a single Azure datacenter |

Answer Area

Correct Answer:

An Availability Zone in Azure has physically separate locations

▼
across two continents
within a single Azure region
within multiple Azure regions
within a single Azure datacenter

Explanation:

Box: within a single Azure region

Azure availability zones are physically separate locations within each Azure region that are tolerant to local failures.

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

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Question 238

DRAG DROP -
Match the Azure services to the correct descriptions.
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 match is worth one point.
Select and Place:

Services

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

Explanation:

Box 1: Azure virtual machines -
Box 2: Azure Container instances
Azure Container Instances (ACI) is a managed service that allows you to run containers directly on the Microsoft Azure public cloud, without requiring the use of virtual machines (VMs).
Develop apps fast without managing virtual machines or having to learn new toolsג€"it's just your application, in a container, running in the cloud.

Box 3: Azure App Service -
Azure App Service is a fully managed platform for building web applications.
Applications run and scale with ease on both Windows and Linux-based environments.

Box 4: Azure Functions -
Azure Functions (from Microsoft Azure) is a cloud-based serverless service that allows running event-triggered code in a scalable way without providing or managing infrastructure.
Reference:
https://docs.microsoft.com/en-us/azure/container-instances
https://azure.microsoft.com/en-us/services/app-service/
https://revdebug.com/blog/what-are-azure-functions

Question 239 — CertyIQ

HOTSPOT -
To answer, select the appropriate option in the answer area.
Hot Area:

Answer Area

You have several virtual machines in an Azure subscription. You create a new subscription.

	▼
The virtual machines cannot be moved to the new subscription.	
The virtual machines can be moved to the new subscription.	
The virtual machines can be moved to the new subscription only if they are all in the same resource group.	
The virtual machines can be moved to the new subscription only if they run Windows Server 2019.	

Answer Area

You have several virtual machines in an Azure subscription. You create a new subscription.

Correct Answer:

	▼
The virtual machines cannot be moved to the new subscription.	
The virtual machines can be moved to the new subscription.	
The virtual machines can be moved to the new subscription only if they are all in the same resource group.	
The virtual machines can be moved to the new subscription only if they run Windows Server 2019.	

Explanation:

Box: The virtual machines can be moved to the new subscription.
You can move a VM and its associated resources to a different subscription by using the Azure portal.
Note: Repeat the process below for each Resource Group containing the VMs.
1. Go to the Azure portal to manage the resource group containing the VM to move. Search for and select Resource groups.
2. Choose the resource group containing the VM that you would like to move.
3. At the top of the page for the resource group, select Move and then select Move to another subscription. The Move resources page opens.
4. Select each of the resources to move. In most cases, you should move all of the related resources that are listed.
5. Select the Subscription where you want the VM to be moved.
6. Select an existing Resource group, or enter a name to have a new resource group created.
7. When you are done, select that you understand that new resource IDs will be created and that the new IDs will need to be used with the VM after it is moved, and then select OK.
Reference: https://docs.microsoft.com/en-us/azure/virtual-machines/windows/move-vm

Question 240   CertyIQ

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. Microsoft Defender for Cloud

   C. Azure Marketplace

   D. Microsoft Store

End of Part 6 🙂

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