Exam Questions AZ-900

Microsoft Azure Fundamentals

https://www.2passeasy.com/dumps/AZ-900/

NEW QUESTION 1
- (Exam Topic 3)
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.

Terms	Answer Area	
authorization	Term	The ability to use the same credentials to access multiple resources and applications from different
multi-factor authentication (MFA)	Term	The process of identifying the access level of a user or service.
single sign-on (SSO)	Term	Requires several elements to identify a user or a service.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Terms	Answer Area	
authorization	single sign-on (SSO)	The ability to use the same credentials to access multiple resources and applications from different
multi-factor authentication (MFA)	authorization	The process of identifying the access level of a user or service.
single sign-on (SSO)	multi-factor authentication (MFA)	Requires several elements to identify a user or a service.

NEW QUESTION 2
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	○	○
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	○	○
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	◯	◯
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	◯	◯
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	◯	◯

NEW QUESTION 3
- (Exam Topic 3)
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

Answer: A

NEW QUESTION 4
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct select is worth one point.

Answer Area

Statements	Yes	No
You can assign an Azure policy to a virtual machine.	◯	◯
If an Azure policy is assigned to a resource group, noncompliant resources are removed from the group.	◯	◯
If an Azure policy is assigned to a resource group, only compliant resources can be deployed to the group.	◯	◯

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

Statements	Yes	No
You can assign an Azure policy to a virtual machine.	◯	◯
If an Azure policy is assigned to a resource group, noncompliant resources are removed from the group.	◯	◯
If an Azure policy is assigned to a resource group, only compliant resources can be deployed to the group.	◯	◯

NEW QUESTION 5
- (Exam Topic 3)
How many copies of data are maintained by an Azure Storage account that uses locally-redundant storage (LRS)?

A. 3
B. 4
C. 6
D. 9

Answer: A

NEW QUESTION 6

- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
A company has complete control of the resources and security for its private cloud.	○	○
A hybrid cloud solution enables a company to control whether its applications run on-premises or in the cloud.	○	○
Companies are responsible for capital expenditure when they scale up a virtual machine hosted in a public cloud.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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NEW QUESTION 7
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
North America is represented by a single Azure region.	○	○
Every Azure region has multiple datacenters.	○	○
Data transfers between Azure services located in different Azure regions are always free.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
North America is represented by a single Azure region.	○	[○]
Every Azure region has multiple datacenters.	[○]	○
Data transfers between Azure services located in different Azure regions are always free.	○	[○]

NEW QUESTION 8
- (Exam Topic 3)
Select the answer that correctly completes the sentence.

🖑 ▼
The Microsoft Purview compliance portal
The Microsoft 365 Defender portal
Microsoft Defender for Cloud in the Azure portal
Microsoft Trust Center

provides in-depth information about security, privacy, compliance offerings, policies, and features across Microsoft cloud products.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Microsoft Trust Center The Trust Center provides:

>

In-depth information about security, privacy, compliance offerings, policies, features, and practices across Microsoft cloud products.

≫ Additional resources for each topic.

≫ Links to the security, privacy, and compliance blogs and upcoming events. https://www.azureguru.org/explore-the-microsoft-trust-center/#:~:text=The%20Trust%20Center%20provides%3

NEW QUESTION 9
- (Exam Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure

is an example of

    disaster recovery as a service (DRaaS).
    infrastructure as a service (IaaS).
    platform as a service (PaaS).
    software as a service (SaaS).

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

A Microsoft SQL Server database that is hosted in the cloud and has software updates managed by Azure

is an example of

    disaster recovery as a service (DRaaS).
    infrastructure as a service (IaaS).
    platform as a service (PaaS).
    software as a service (SaaS).
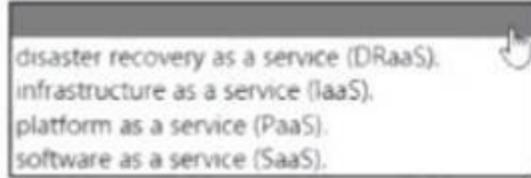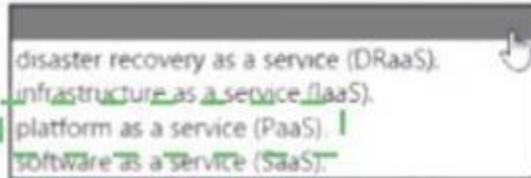
NEW QUESTION 10
- (Exam Topic 3)
Which Azure service can you use as a security information and event management (SIEM) solution?

A. Azure Analysis Services
B. Azure Cognitive Services
C. Azure Sentinel
D. Azure information Protection

Answer: C

NEW QUESTION 10
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
A company can extend an internal network by adding its own physical servers to the public cloud.	○	○
A private cloud must be disconnected from the internet.	○	○
Part of a hybrid cloud is the public cloud.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, text, application Description automatically generated

NEW QUESTION 12
- (Exam Topic 3)
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

Answer: D

NEW QUESTION 15
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can add an Azure Resource Manager template to an Azure blueprint.	○	○
You can assign an Azure blueprint to a resource group.	○	○
You can use Azure Blueprints to grant permissions to a resource.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NO YES YES

NEW QUESTION 20
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	○	○
You can associate a network security group (NSG) to a virtual network.	○	○
You can associate a network security group (NSG) to a network interface.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A picture containing text, indoor, screenshot Description automatically generated
Reference:
https://docs.microsoft.com/en-us/azure/virtual-network/network-security-group-how-it-works

NEW QUESTION 24
- (Exam Topic 3)
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. NOTE: Each correct selection is worth one point.

A. Deploy the virtual machines to a scale set.
B. Deploy the virtual machines to two or more resource groups.
C. Deploy the virtual machines to two or more availability zones.
D. Deploy the virtual machines to two or more regions.

Answer: CD

NEW QUESTION 26
- (Exam Topic 3)
To complete the sentence, select the appropriate option in the 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

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated
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/

NEW QUESTION 31
- (Exam Topic 3)
What additional resource is required by an Azure virtual machine?

A. Azure Firewall
B. a virtual network
C. a public IP address
D. a service endpoint

Answer: B

NEW QUESTION 33
- (Exam Topic 3)
Select the answer that correctly completes the sentence.

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption

as a result of migrating on-premises Microsoft SQL servers to Azure.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

The Azure Migrate: Server Assessment tool
The Azure Total Cost of Ownership (TCO) calculator
The Database Migration Assistant
The pricing calculator in Azure

can calculate cost savings due to reduced electricity consumption

as a result of migrating on-premises Microsoft SQL servers to Azure.

NEW QUESTION 38
- (Exam Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

Azure Site Recovery provides [fault tolerance ▼] for virtual machines.

- fault tolerance
- disaster recovery
- elasticity
- high availability

is an example of [platform as a service (PaaS). ▼]

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).
- software as a service (SaaS).

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Azure Site Recovery provides [fault tolerance ▼] for virtual machines.

- fault tolerance
- disaster recovery
- elasticity
- high availability

is an example of [platform as a service (PaaS). ▼]

- disaster recovery as a service (DRaaS).
- infrastructure as a service (IaaS).
- platform as a service (PaaS).
- software as a service (SaaS).

NEW QUESTION 42
- (Exam Topic 3)
Match the resources to the appropriate descriptions.
To answer, drag the appropriate resource from the column on the left to its description on the right, Each resource may be used once, more than once, or not at all,
NOTE: Each correct match is worth one point.

Resources	Answer Area	
Data Protection Addendum		Describes which personal data is collected, how the data is used, and what the data is used for.
Microsoft Privacy Statement		A legal agreement that details the obligations between Microsoft and a customer regarding the processing and security of customer data and personal data.
Online Services Terms		Defines the data processing and security terms for online services, including the disclosure of processed data and the transfer, retention, and deletion of data.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
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NEW QUESTION 46
- (Exam Topic 3)
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.

NOTE: Each correct selection is worth one point.

Layers	Answer Area

Layers
Perimeter
Application
Physical Security
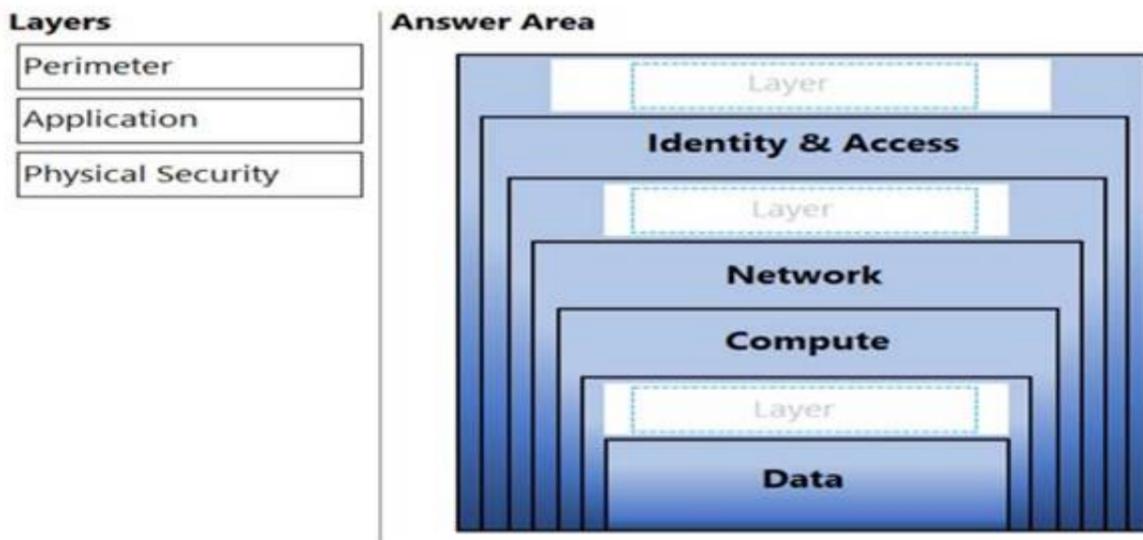
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Graphical user interface, application Description automatically generated

NEW QUESTION 51
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is tine. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You can deploy Azure Resource Manager (ARM) templates by using the Azure portal.	○	○
Azure Resource Manager (ARM) templates can define infrastructure by using code.	○	○
Each Azure resource to be deployed requires a separate Azure Resource Manager (ARM) template.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

Statements	Yes	No
You can deploy Azure Resource Manager (ARM) templates by using the Azure portal.	○	○
Azure Resource Manager (ARM) templates can define infrastructure by using code.	○	○
Each Azure resource to be deployed requires a separate Azure Resource Manager (ARM) template.	○	○

NEW QUESTION 56
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You can create Group Policies in Azure AD.	○	○
You can join Windows 10 devices to Azure AD.	○	○
You can join Android devices to Azure AD.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
You can create Group Policies in Azure AD.	☑	○
You can join Windows 10 devices to Azure AD.	☑	○
You can join Android devices to Azure AD.	○	☑

NEW QUESTION 58
- (Exam Topic 3)
Match the security components to the appropriate defense in depth layers.
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

Components		Answer Area	
Multifactor authentication (MFA)		[ ]	Compute
Software updates and patches		[ ]	Identity and access
Surveillance camera		[ ]	Physical security

A. Mastered
B. Not Mastered

Answer: A

Explanation:
A picture containing chart Description automatically generated

NEW QUESTION 63
- (Exam Topic 3)
Select the answer that correctly completes the sentence.
Answer Area

Geo-distribution ▼	enables Azure resources to be deployed close to users.
Elasticity	
Geo-distribution	
High availability	
Scalability	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Answer Area

Geo-distribution ▼	enables Azure resources to be deployed close to users.
Elasticity	
Geo-distribution	
High availability	
Scalability	

NEW QUESTION 65
- (Exam Topic 3)
You need to purchase a third-party virtual security appliance that you will deploy to an Azure subscription. What should you use?

A. Azure Marketplace
B. Azure Security Center
C. Microsoft Store
D. Azure subscriptions

Answer: B

NEW QUESTION 66
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Pay-As-You-Go (PAYG) is a consumption-based model.	○	○
Payments to cloud service providers are considered capital expenditures (CapEx).	○	○
The services provided through a consumption-based model are considered operational expenditures (OpEx).	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Pay-As-You-Go (PAYG) is a consumption-based model.	☐○☐	○
Payments to cloud service providers are considered capital expenditures (CapEx).	○	☐○☐
The services provided through a consumption-based model are considered operational expenditures (OpEx).	☐○☐	○

NEW QUESTION 70
- (Exam Topic 3)
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

Answer: DE

NEW QUESTION 72
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
You must install Azure Cloud Shell on your computer before you can use it.	○	○
The Azure Command-Line Interface (CLI) is installed by default in Windows 11.	○	○
Azure PowerShell can be used on computers that run Windows, Linux, or macOS.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NO NO YES

NEW QUESTION 73
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	○	○
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	○	○
The Azure portal can only be accessed from a Windows device.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	○	○
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	○	○
The Azure portal can only be accessed from a Windows device.	○	○

NEW QUESTION 78
- (Exam Topic 3)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE; Each correct selection is worth one point.

Answer Area

Statements	Yes	No
You can use Azure Cost Management to view costs associated to management groups.	○	○
You can use Azure Cost Management to view costs associated to resource groups.	○	○
You can use Azure Cost Management to view the usage of virtual machines during the last three months.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
You can use Azure Cost Management to view costs associated to management groups.	○	○
You can use Azure Cost Management to view costs associated to resource groups.	○	○
You can use Azure Cost Management to view the usage of virtual machines during the last three months.	○	○

NEW QUESTION 82
- (Exam Topic 3)
Select the answer that correctly completes the sentence.

Answer Area

An Azure region

contains one or more data centers that are connected by using a low-latency network.
is found in each country where Microsoft has a subsidiary office.
can be found in every country in Europe and the Americas only.
contains one or more data centers that are connected by using a high-latency network.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

An Azure region

contains one or more data centers that are connected by using a low-latency network.
is found in each country where Microsoft has a subsidiary office.
can be found in every country in Europe and the Americas only.
contains one or more data centers that are connected by using a high-latency network.

NEW QUESTION 83
- (Exam Topic 2)
Which service provides serverless computing in Azure?

A. Azure Virtual Machines
B. Azure Container instances
C. Azure Functions
D. Azure storage account

Answer: C

NEW QUESTION 84
- (Exam Topic 2)
This question requires that you evaluate the underlined BOLD text to determine if it is correct.
You can use Advisor recommendations in Azure to send email alerts when the cost of the current billing period for an Azure subscription exceeds a specified limit.
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. Access control (IAM)
C. Budget alerts
D. Compliance

Answer: C

Explanation:
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.
References:
https://docs.microsoft.com/en-us/azure/cost-management-billing/costs/cost-mgt-alerts-monitor-usage-spending

NEW QUESTION 88
- (Exam Topic 2)
This question requires that you evaluate the Bold 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

Answer: A

Explanation:
Reference:
https://support.microsoft.com/en-us/help/30881

NEW QUESTION 93
- (Exam Topic 2)
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.

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

A. Mastered
B. Not Mastered

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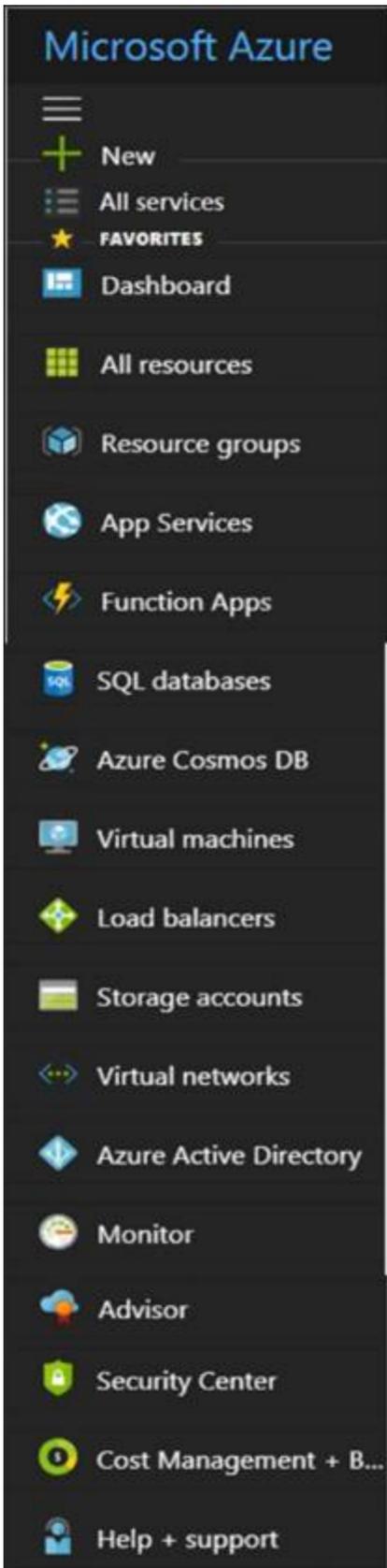
Explanation:
References:
https://docs.microsoft.com/en-us/azure/azure-portal/supportability/per-vm-quota-requests

NEW QUESTION 97
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
General Data Protection Regulation (GDPR) defines data protection and privacy rules.	○	○
General Data Protection Regulation (GDPR) applies to companies that offer goods or services to individuals in the EU.	○	○
Azure can be used to build a General Data Protection Regulation (GDPR)-compliant infrastructure.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Yes YES
YES

NEW QUESTION 100
- (Exam Topic 2)
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. Use Azure reservations.
B. Use Azure Hybrid Benefit
C. Deallocate the virtual machines during off hours.
D. Configure Azure Cost Management budgets.

Answer: B

NEW QUESTION 103
- (Exam Topic 2)
This question requires that you evaluate the underlined text to determine if it is correct. Azure Databricks is an Apache Spark-based analytics service.
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 Data Factory
C. Azure DevOps
D. Azure HDInsight

Answer: A

Explanation:
Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including 'MLib'. Mlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.
References:
https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics

NEW QUESTION 105
- (Exam Topic 2)
This question requires that you evaluate the underlined BOLD text to determine if it is correct.
Azure Site Recovery provides fault tolerance for virtual machines.
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. disaster recovery
C. elasticity
D. high availability

Answer: A

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.
References:
https://docs.microsoft.com/en-us/azure/site-recovery/site-recovery-overview

NEW QUESTION 108
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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).	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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).	○	⊙

NEW QUESTION 112
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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.	○	⊙

NEW QUESTION 113
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE Each correct selection is worth one point.

Answer Area

Statements	Yes	No
If your company uses an Azure free account, you can only deploy Azure virtual machines and Azure storage accounts.	○	○
All Azure free accounts expire after a specific period.	○	○
You can create up to 10 Azure free accounts by using the same Microsoft account.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
If your company uses an Azure free account, you can only deploy Azure virtual machines and Azure storage accounts.	○	⊙
All Azure free accounts expire after a specific period.	⊙	○
You can create up to 10 Azure free accounts by using the same Microsoft account.	○	⊙

NEW QUESTION 117
- (Exam Topic 2)

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

| Statements	Yes	No
Azure DevOps Services allows developers to deploy or update applications to Azure using Continuous Integration/Continuous Delivery (CI/CD) pipelines.	○	○
Azure DevOps Services includes a Git repository for developers to store code.	○	○
Azure DevOps Services can be used to build and host web apps.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure DevOps Services allows developers to deploy or update applications to Azure using Continuous Integration/Continuous Delivery (CI/CD) pipelines.	○	○
Azure DevOps Services includes a Git repository for developers to store code.	○	○
Azure DevOps Services can be used to build and host web apps.	○	○

NEW QUESTION 121
- (Exam Topic 2)
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.

Containers Scalable. cost-effective storage for unstructured data Learn more	**File shares** Serverless SMB file shares Learn more
Tables Tabular data storage Learn more	**Queues** Effectively scale apps according to traffic Learn more

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Azure containers are the backbone of the virtual disks platform for Azure IaaS. Both Azure OS and data disks are implemented as virtual disks where data is durably persisted in the Azure Storage platform and then delivered to the virtual machines for maximum performance. Azure Disks are persisted in Hyper-V VHD format and stored as a page blob in Azure Storage.
Reference:
https://docs.microsoft.com/en-us/azure/storage/blobs/storage-blob-pageblob-overview

NEW QUESTION 126
- (Exam Topic 2)
To answer, select the appropriate option in the 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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.
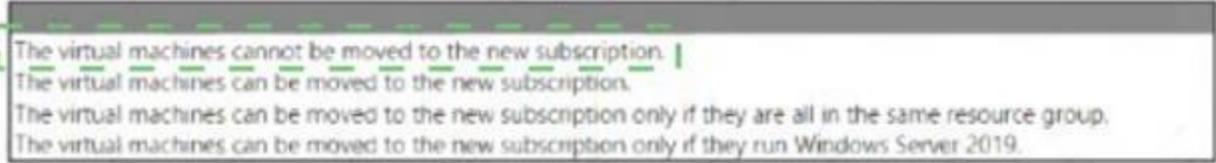
NEW QUESTION 130
- (Exam Topic 2)
To complete the sentence, select the appropriate option in the answer area.

Azure Cosmos DB is an
example of a [▼] offering.

| platform as a service (PaaS) |
| infrastructure as a service (IaaS) |
| serverless |
| software as a service (SaaS) |

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Azure Cosmos DB is an example of a platform as a service (PaaS) cloud database provider. Reference:
https://docs.microsoft.com/en-us/azure/cosmos-db/database-security

NEW QUESTION 131
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No.
NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Availability zones can be implemented in all Azure 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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Answer Area

Statements	Yes	No
Availability zones can be implemented in all Azure 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.	○	[○]

NEW QUESTION 134
- (Exam Topic 2)
An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.
Which three computers can run the script? Each correct answer presents a complete solution NOTE: Each correct selection is worth one point.

A. a computer that runs macOS and has PowerShell Core 6.0 installed
B. a computer that runs Windows 10 and has the Azure PowerShell module installed
C. a computer that runs Chrome OS and uses Azure Cloud Shell
D. a computer that runs Linux and has the Azure CLI tools installed

Answer: ABC

NEW QUESTION 138
- (Exam Topic 2)
To complete the sentence, select the appropriate option in the answer area.

The [dropdown]

- Microsoft Online Services Privacy Statement
- Microsoft Product 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.

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 142
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
Azure Pay-As-You-Go pricing is an example of CapEx.	○	○
Azure Reserved VM Instances are an example of OpEx.	○	○
Deploying your own datacenter is an example of CapEx.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
One of the major changes that you will face when you move from on-premises cloud to the public cloud is the switch from capital expenditure (buying hardware) to operating expenditure (paying for service as you use it).
Box 1: No
With the pay-as-go model, you pay for services as you use them. This is Opex (Operational Expenditure), not CapEx (Captial Expenditure). CapEx is where you pay for something upfront. For example, buying a new physical server.
Box 2: No
Paying for electricity for your own datacenter will be classed as CapEx, not OpEx. Box 3: Yes
Deploying your own datacenter is an example of CapEx. This is because you need to purchase all the infrastructure upfront before you can use it.
Reference:
https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold

NEW QUESTION 143
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: Yes
You can assign additional account administrators in the Azure Portal. 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

NEW QUESTION 146
- (Exam Topic 2)
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

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.

A. Mastered
B. Not Mastered

Answer: A

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.

NEW QUESTION 149
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure PowerShell modules can be installed on macOS.	○	○
Azure Cloud Shell can be accessed from a web browser on a Linux computer.	○	○
The Azure portal can only be accessed from a Windows device.	○	○

A. Mastered

B. Not Mastered

Answer: A

Explanation:
YES YES YES

NEW QUESTION 154
- (Exam Topic 2)
To complete the sentence, select the appropriate option in the answer area.

You can use [Advisor recommendations / Access control (IAM) / Budget alerts / Compliance] in Azure to send email alerts when the cost of the current billing period a specified limit.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

You can use [Advisor recommendations / Access control (IAM) / Budget alerts / Compliance] in Azure to send email alerts when the cost of the current billing period a specified limit.

NEW QUESTION 159
- (Exam Topic 2)
To complete the sentence, select the appropriate option in the 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.]

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Text Description automatically generated with medium confidence
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.
Reference:
https://docs.microsoft.com/en-us/azure/availability-zones/az-overview

NEW QUESTION 161
- (Exam Topic 2)
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

Answer: A

NEW QUESTION 162
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true, Otherwise, select No. NOTE: Each correct match is worth one point.

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	○	○
You can associate a network security group (NSG) to a virtual network.	○	○
You can associate a network security group (NSG) to a network interface.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
You can associate a network security group (NSG) to a virtual network subnet.	⊙	○
You can associate a network security group (NSG) to a virtual network.	⊙	○
You can associate a network security group (NSG) to a network interface.	○	○

NEW QUESTION 165
- (Exam Topic 2)
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 Information Protection policy
C. An Encryption Key
D. An Azure Key Vault

Answer: D

NEW QUESTION 169
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 174
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: No
Resource groups are logical containers for Azure resources. You do not pay for resource groups. Box 2: Yes
Data ingress over a VPN is data 'coming in' to Azure over the VPN. You are charged data transfer costs for data ingress.
Box 3: No
Data egress over a VPN is data 'going out' of Azure over the VPN. You are not charged for data egress. References:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/manage-resource-groups-portal https://azure.microsoft.com/en-us/pricing/details/bandwidth/

NEW QUESTION 176
- (Exam Topic 2)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
A user who is assigned the Owner role can transfer ownership of an Azure subscription.	O	O
You can convert the Azure subscription of your company from Free Trial to Pay-As-You-Go.	O	O
The Azure spending limit is fixed and cannot be increased or decreased.	O	O

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Reference:
https://docs.microsoft.com/en-us/azure/billing/billing-add-change-azure-subscription-administrator https://docs.microsoft.com/en-us/azure/billing/billing-upgrade-azure-subscription https://docs.microsoft.com/en-us/azure/billing/billing-spending-limit

NEW QUESTION 180
- (Exam Topic 2)
To complete the sentence, select the appropriate option in the answer area.

Your company implements [Azure policies / DDoS protection / Azure Information Protection / Azure Active Directory (Azure AD) Identity Protection] to automatically add a watermark to Microsoft Word documents that contain credit card information.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Your company implements [Azure policies / DDoS protection / **Azure Information Protection** / Azure Active Directory (Azure AD) Identity Protection] to automatically add a watermark to Microsoft Word documents that contain credit card information.

NEW QUESTION 183
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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.	○	⬚○⬚

NEW QUESTION 185
- (Exam Topic 1)
What is guaranteed in an Azure Service Level Agreement (SLA) for virtual machines?

A. uptime
B. feature availability
C. bandwidth
D. performance

Answer: A

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%.
References:
https://azure.microsoft.com/en-us/support/legal/sla/summary/ https://azure.microsoft.com/en-us/support/legal/sla/virtual-machines/v1_9/

NEW QUESTION 188
- (Exam Topic 1)
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 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 supports the planned migration.
Solution: You create an Azure App Service and Azure SQL databases. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Microsoft Azure SQL Database is a relational database-as-a-service, which falls into the industry category Platform as a Service (PaaS). ... SQL Server in Azure Virtual Machine (VM) falls into the industry category Infrastructure as a Service (IaaS), and allows you to run SQL Server inside a virtual machine in the cloud."

NEW QUESTION 193
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:

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.	○	⊡

NEW QUESTION 197
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 201
- (Exam Topic 1)
Match the Azure service to the correct definition.
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.

Answer Options	Answer Area	
Azure Advisor		An integrated solution for the deployment of code
Azure Cognitive Services		A tool that provides guidance and recommendations to improve an Azure environment
Azure Application Insights		A simplified tool to build intelligent Artificial Intelligence (AI) applications
Azure DevOps		Monitors web applications

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Section: Understand Core Azure Services

NEW QUESTION 204
- (Exam Topic 1)
You have a resource group named RG1.
You plan to create virtual networks and app services in RG1.
You need to prevent the creation of virtual machines only in RG1. What should you use?

A. a lock
B. an Azure role
C. a tag
D. an Azure policy

Answer: D

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.
In this question, we would create a Azure policy assigned to the resource group that denies the creation of virtual machines in the resource group.
You could place a read-only lock on the resource group. However, that would prevent the creation of any resources in the resource group, not virtual machines only. Therefore, an Azure Policy is a better solution.
References:
https://docs.microsoft.com/en-us/azure/governance/policy/overview

NEW QUESTION 209
- (Exam Topic 1)
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.
You need to recommend an Azure deployment that provides the ability to segment Azure for the departments. 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

Answer: AD

NEW QUESTION 213
- (Exam Topic 1)
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.

Minimum number of virtual machines:
1	v
2	
3	

Minimum number of availability zones:
1	v
2	
3	

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 214
- (Exam Topic 1)
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

Answer: D

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

NEW QUESTION 215
- (Exam Topic 1)
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.
You have an Azure environment.
You need to create a new Azure virtual machine from an Android laptop. Solution: You use Bash in Azure Cloud Shell.
Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Reference:
https://www.thomasmaurer.ch/2019/01/azure-cloud-shell/ https://www.pcmag.com/encyclopedia/term/66542/android-laptop

NEW QUESTION 216
- (Exam Topic 1)
Match the Azure Cloud Services benefit to the correct description.
Instructions: 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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 218
- (Exam Topic 1)
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 [P 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
B. No

Answer: B

Explanation:
You are not charged for Azure Active Directory Groups. Therefore, deleting unused groups will not reduce your Azure costs.
References:
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reco

NEW QUESTION 221
- (Exam Topic 1)
A team of developers at your company plans to deploy, and then remove, 50 customized virtual machines each week. Thirty of the virtual machines run Windows Server 2016 and 20 of the virtual machines run Ubuntu Linux.
You need to recommend which Azure service will minimize the administrative effort required to deploy and remove the virtual machines.
What should you recommend?

A. Azure virtual machine scale sets
B. Microsoft Managed Desktop
C. Azure DevTest Labs
D. Azure Reserved Virtual Machine (VM) Instances

Answer: C

Explanation:
DevTest Labs creates labs consisting of pre-configured bases or Azure Resource Manager templates. By using DevTest Labs, you can test the latest versions of your applications by doing the following tasks: Quickly provision Windows and Linux environments by using reusable templates and artifacts.
Easily integrate your deployment pipeline with DevTest Labs to provision on-demand environments.
Scale up your load testing by provisioning multiple test agents and create pre-provisioned environments for training and demos
https://docs.microsoft.com/en-us/azure/lab-services/devtest-lab-overview

NEW QUESTION 225
- (Exam Topic 1)
You have an Azure web app.
You need to manage the settings of the web app from an iPhone.
What are two Azure management tools that you can use? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point

A. Azure CLI
B. the Azure portal
C. Azure Cloud Shell
D. Windows PowerShell
E. Azure Storage Explorer

Answer: BC

NEW QUESTION 229
- (Exam Topic 1)
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

Answer: C

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

NEW QUESTION 234
- (Exam Topic 1)
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.
You have an Azure environment. You need to create a new Azure virtual machine from an Android laptop. Solution: You use PowerShell in Azure Cloud Shell. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Azure Cloud Shell is a browser-based shell experience to manage and develop Azure resources.
Cloud Shell offers a browser-accessible, pre-configured shell experience for managing Azure resources without the overhead of installing, versioning, and maintaining a machine yourself.
Being browser-based, Azure Cloud Shell can be run on a browser from a tablet that runs the Android operating system.
References:

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

NEW QUESTION 238
- (Exam Topic 1)
Your company hosts an accounting named App1 that is used by all the customers of the company.App1 has low usage during the first three weeks of each month and very high usage during the last week of each month.
Which benefit of Azure Cloud Services supports cost management for this type of usage pattern?

A. high availability
B. high latency
C. elasticity
D. load balancing

Answer: C

Explanation:
Elasticity in this case is the ability to provide additional compute resource when needed and reduce the
compute resource when not needed to reduce costs. Autoscaling is an example of elasticity.
Elastic computing is the ability to quickly expand or decrease computer processing, memory and storage resources to meet changing demands without worrying about capacity planning and engineering for peak usage. Typically controlled by system monitoring tools, elastic computing matches the amount of resources allocated to the amount of resources actually needed without disrupting operations. With cloud elasticity, a company avoids paying for unused capacity or idle resources and doesn't have to worry about investing in the purchase or maintenance of additional resources and equipment.
https://azure.microsoft.com/en-gb/overview/what-is-elastic-computing/

NEW QUESTION 239
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	O	O
A company can extend the capacity of its internal network by using the public cloud.	O	O
In a public cloud model, only guest users at your company can access the resources in the cloud.	O	O

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
To achieve a hybrid cloud model, a company must always migrate from a private cloud model.	O	[O]
A company can extend the capacity of its internal network by using the public cloud.	[O]	O
In a public cloud model, only guest users at your company can access the resources in the cloud.	O	[O]

NEW QUESTION 242
- (Exam Topic 1)
You have an on-premises application that sends email notifications automatically based on a rule. You plan to migrate the application to Azure.
You need to recommend a serverless computing solution for the application. What should you include in the recommendation?

A. a logic app
B. a server image in Azure Marketplace
C. an API app
D. a web app

Answer: A

Explanation:

https://docs.microsoft.com/en-us/azure/logic-apps/tutorial-process-email-attachments-workflow

NEW QUESTION 244
- (Exam Topic 1)
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.
An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.
Solution: Run the script from a computer that runs Chrome OS and uses Azure Cloud Shell. Does this meet the goal?

A. Yes
B. No

Answer: B

Explanation:
Section: Understand Core Azure Services

NEW QUESTION 247
- (Exam Topic 1)
Which Azure service should you use to correlate events from multiple resources into a centralized repository?

A. Azure Event Hubs
B. Azure Analysis Services
C. Azure Monitor
D. Azure Log Analytics

Answer: A

Explanation:
Azure Event Hubs is a big data streaming platform and event ingestion service. It can receive and process millions of events per second. Data sent to an event hub can be transformed and stored by using any real-time analytics provider or batching/storage adapters.
Azure Event Hubs can be used to ingest, buffer, store, and process your stream in real time to get actionable insights. Event Hubs uses a partitioned consumer model, enabling multiple applications to process the stream concurrently and letting you control the speed of processing.
Azure Event Hubs can be used to capture your data in near-real time in an Azure Blob storage or Azure Data Lake Storagefor long-term retention or micro-batch processing.
References:
https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-about

NEW QUESTION 250
- (Exam Topic 1)
What are two characteristics of the public cloud? Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

A. dedicated hardware
B. unsecured connections
C. limited storage
D. metered pricing
E. self-service management

Answer: DE

Explanation:
With the public cloud, you get pay-as-you-go pricing – you pay only for what you use, no CapEx costs. With the public cloud, you have self-service management. You are responsible for the deployment and configuration of the cloud resources such as virtual machines or web sites. The underlying hardware that hosts the cloud resources is managed by the cloud provider.
https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models

NEW QUESTION 255
- (Exam Topic 1)
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

Answer: A

NEW QUESTION 260
- (Exam Topic 1)
You need to view a list of planned maintenance events that can affect the availability of an Azure subscription. Which blade should you use from the Azure portal?
To answer, select the appropriate blade in the answer area.
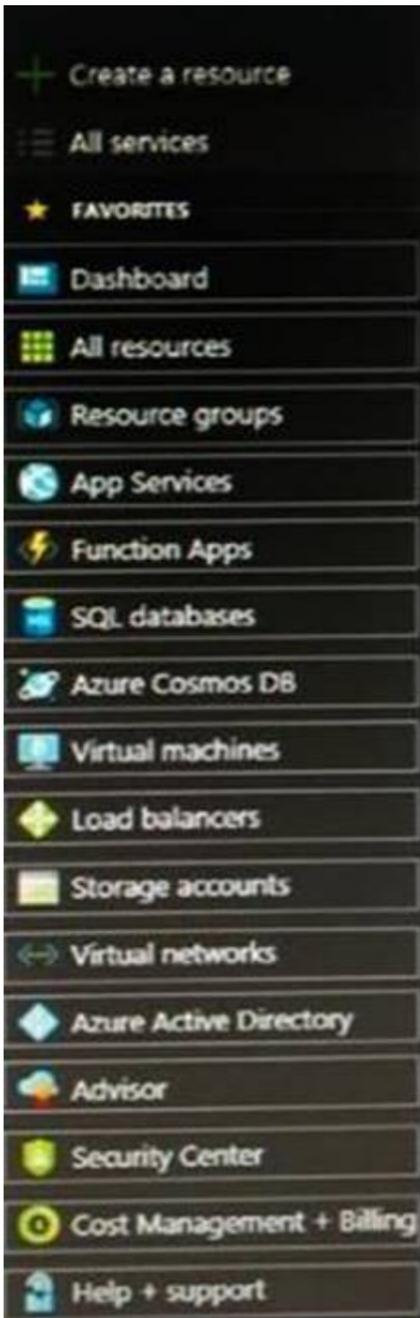
A. Mastered
B. Not Mastered

Answer: A

Explanation:
Section: Understand Core Azure Services

NEW QUESTION 264
- (Exam Topic 1)
Match the Azure service to the correct definition.
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.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Box 1:
Azure Functions provides the 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.
Box 2:
Azure Databricks is a big analysis service for machine learning.
Azure Databricks is an Apache Spark-based analytics platform. The platform consists of several components including 'MLib'. Mlib is a Machine Learning library consisting of common learning algorithms and utilities, including classification, regression, clustering, collaborative filtering, dimensionality reduction, as well as underlying optimization primitives.
Box 3:
Azure Application Insights detects and diagnoses anomalies in web apps.
Application Insights, a feature of Azure Monitor, is an extensible Application Performance Management (APM) service for developers and DevOps professionals. Use it to monitor your live applications. It will automatically detect performance anomalies, and includes powerful analytics tools to help you diagnose issues and to understand what users actually do with your app.
Box 4:
Azure App Service hosts web apps.
Azure App Service is an HTTP-based service for hosting web applications, REST APIs, and mobile back ends. You can develop in your favorite language, be it .NET, .NET Core, Java, Ruby, Node.js, PHP, or Python. Applications run and scale with ease on both Windows and Linux-based environments.
References:
https://docs.microsoft.com/en-us/azure/azure-functions/
https://docs.microsoft.com/en-us/azure/azure-databricks/what-is-azure-databricks#apache-spark-based-analytics https://docs.microsoft.com/en-us/azure/azure-monitor/app/app-insights-overview
https://docs.microsoft.com/en-us/azure/app-service/overview

NEW QUESTION 268
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

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

NEW QUESTION 272
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Section: Understand Azure Pricing and Support

NEW QUESTION 273
- (Exam Topic 1)
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.
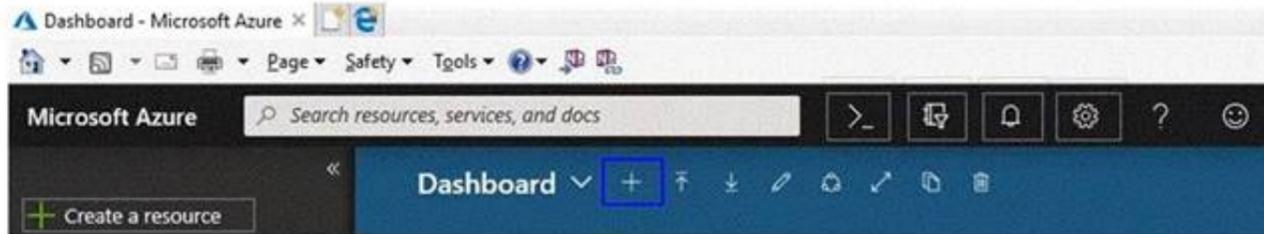
A. Mastered
B. Not Mastered

Answer: A

Explanation:
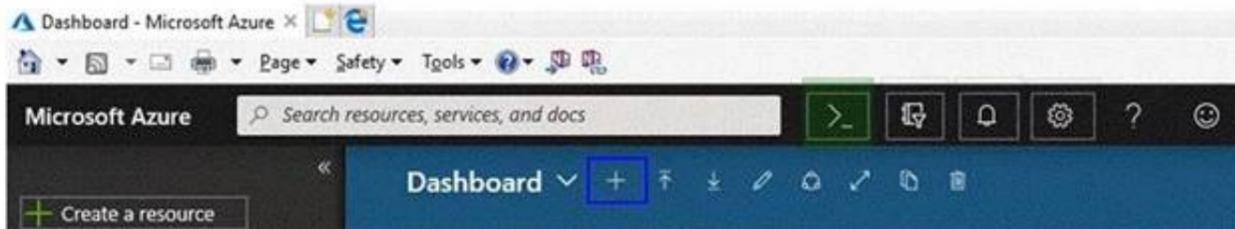
NEW QUESTION 275
- (Exam Topic 1)
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct 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.
You have an Azure subscription named Subscription! You sign in to the Azure portal and create a resource group named RG1.
From Azure documentation, you have the following command that creates a virtual machine named VM1. az vm create --resource-group RG1 --name VM1 --image UbuntuLTS --generate-ssh-keys
You need to create VM1 in Subscription! by using the command.
Solution: From the Azure portal, launch Azure Cloud Shell and select Bash. Run the command in Cloud Shell. Does this meet the goal?

A. Yes
B. No

Answer: B

NEW QUESTION 277
- (Exam Topic 1)
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.

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.	○	○

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Section: Understand Core Azure Services References:
https://buildazure.com/2016/08/18/powershell-now-open-source-and-cross-platform-linux-macos-windows/

NEW QUESTION 280
- (Exam Topic 1)
You have a virtual machine named VM1 that runs Windows Server 2016. VM1 is in the East US Azure region.
Which Azure service should you use from the Azure portal to view service failure notifications that can affect the availability of VM1?

A. Azure Service Fabric
B. Azure Monitor
C. Azure virtual machines
D. Azure Advisor

Answer: B

NEW QUESTION 282
- (Exam Topic 1)
This question requires that you evaluate the underlined text to determine if it is correct.
From Azure Monitor, you can view which user turned off a specific virtual machine during the last 14 days. 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 Event Hubs
C. Azure Activity Log
D. Azure Service Health

Answer: C

Explanation:
You would use the Azure Activity Log, not Azure Monitor 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.
References:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-audit

NEW QUESTION 283
- (Exam Topic 1)
You have 1,000 virtual machines hosted on the Hyper-V hosts in a data center.
You plan to migrate all the virtual machines to an Azure pay-as-you-go subscription. You need to identify which expenditure model to use for the planned Azure solution. Which expenditure model should you identify?

A. operational
B. elastic
C. capital
D. scalable

Answer: A

Explanation:
One of the major changes that you will face when you move from on-premises cloud to the public cloud is the switch from capital expenditure (buying hardware) to operating expenditure (paying for service as you use it).
This switch also requires more careful management of your costs. The benefit of the cloud is that you can fundamentally and positively affect the cost of a service you use by merely shutting down or resizing it when it's not needed.
https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold

NEW QUESTION 285
- (Exam Topic 1)
You plan to migrate several servers from an on-premises network to Azure.
You need to identify the primary benefit of using a public cloud service for the servers. What should you identify?

A. The public cloud is owned by the public, NOT a private corporation.
B. All public cloud resources can be freely accessed by every member of the public.
C. The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud.
D. The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud.

Answer: D

Explanation:
The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud. The hardware resources (servers, infrastructure etc.) are managed by the cloud provider. Multiple companies create resources such as virtual machines and virtual networks on the hardware resources.

NEW QUESTION 286
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

Statements	Yes	No
Azure provides flexibility between capital expenditure (CapEx) and operational exponditure (OpEx).	◯	◯
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	◯	◯
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	◯	◯

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Statements	Yes	No
Azure provides flexibility between capital expenditure (CapEx) and operational exponditure (OpEx).	⬚○	○
If you create two Azure virtual machines that use the B2S size, each virtual machine will always generate the same monthly costs.	○	⬚○
When an Azure virtual machine is stopped, you continue to pay storage costs associated to the virtual machine.	⬚○	○

NEW QUESTION 291
- (Exam Topic 1)
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.

Answer Options	Answer Area	
Azure Machine Learning		Provides a digital online assistant that provides speech support
Azure IoT Hub		Uses past trainings to provide predictions that have high probability
Azure AI bot		Provides serverless computing functionalities
Azure Functions		Processes data from millions of sensors

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Section: Understand Core Azure Services

NEW QUESTION 296
- (Exam Topic 1)
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.
An Azure administrator plans to run a PowerShell script that creates Azure resources. You need to recommend which computer configuration to use to run the script.
Solution: Run the script from a computer that runs macOS and has PowerShell Core 6.0 installed. Does this meet the goal?

A. Yes
B. No

Answer: A

Explanation:
Section: Understand Core Azure Services

NEW QUESTION 297
- (Exam Topic 1)
You need to identify the type of failure for 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

Answer: D

NEW QUESTION 299
- (Exam Topic 1)
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

Answer: B

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

NEW QUESTION 302
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 307
- (Exam Topic 1)
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.

Answer Area

Blobs		**Files**	
REST-based object storage for unstructured data		File shares that use the standard SMB 3.0 protocol	
Explore data using OAuth preview		Learn more	
Learn more			
Tables		**Queues**	
Tabular data storage		Effectively scale apps according to traffic	
Learn more		Explore data using OAuth preview	
		Learn more	

A. Mastered
B. Not Mastered

Answer: A

Explanation:
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/managed-disks-overview

NEW QUESTION 312
- (Exam Topic 1)
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

Answer: A

NEW QUESTION 313
- (Exam Topic 1)
For each of the following statements, select Yes if the statement is true. Otherwise, select No. NOTE: Each correct selection is worth one point.

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.	◯	◯

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Section: Understand Azure Pricing and Support

NEW QUESTION 315
- (Exam Topic 1)
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

Answer: C

Explanation:
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 References:
https://azure.microsoft.com/en-us/support/plans/

NEW QUESTION 318
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