DUMPSARENA

Microsoft Azure Fundamentals

Microsoft AZ-900

Version Demo

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Topic Break Down

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Topic 2, New Update	281
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Topic 5, Describe Core Azure Services	50
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QUESTION NO: 1 - (DRAG DROP)

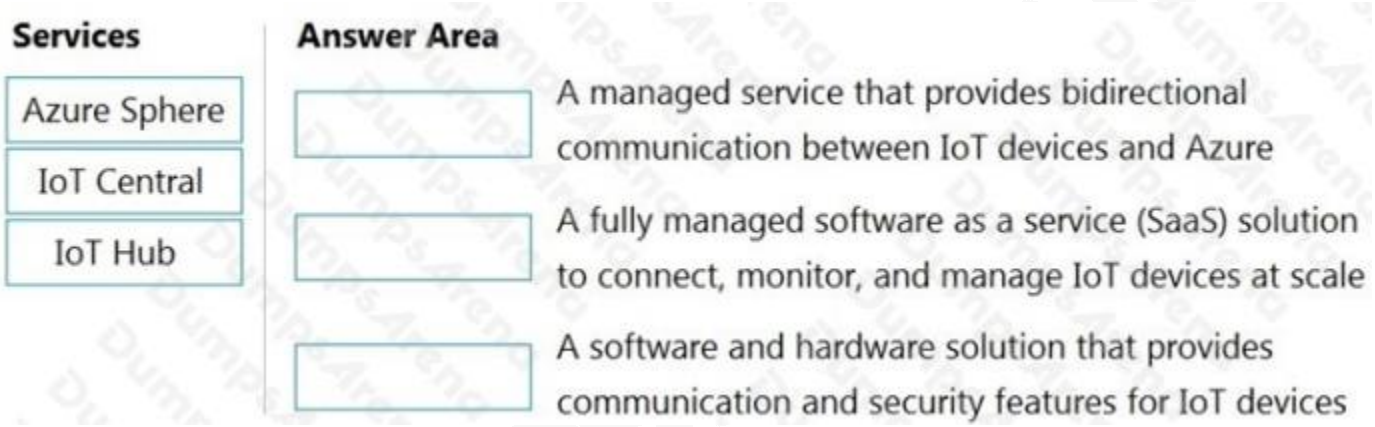
DRAG DROP

Match the Azure Services service to the correct description.

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

NOTE: Each correct selection is worth one point.

Select and Place:



ANSWER:

Explanation:

Reference:

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

QUESTION NO: 2

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).

What should you use?

A. Azure Sentinel

B. Azure Key Vault

C. Azure Synapse Analytics

D. Azure AD Connect

ANSWER: A

QUESTION NO: 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: C D

QUESTION NO: 4 - (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.

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.	○	○

ANSWER:

QUESTION NO: 5

You have on-premises servers that run Windows Server.

What should you implement to manage the servers by using the Azure portal?

A. Azure Kubernetes Service (AKS)

B. Azure Arc

C. Docker

D. role-based access control (RBAQ

ANSWER: B

QUESTION NO: 6

A team has an Azure Cosmos DB account. A solution needs to be in place to generate an alert from Azure Log Analytics when a query request charge exceeds 40 units more than 10 times during a 10-minute window.

Which of the following would you recommend? (Choose two)

A. Create a search query to identify when the requestCharge_s exceeds 10.

B. Configure a period of 10 and a frequency of 10.

C. Create a search query to identify when the requestCharge_s exceeds

D. Create a search query to identify when the duration_s exceeds 10.

ANSWER: B C

QUESTION NO: 7

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

If Microsoft plans to end support for an Azure service that does NOT have a successor service, Microsoft will provide notification at least 12 months before.

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

A. No change is needed.

B. 6 months

C. 90 days

D. 30 days

ANSWER: A

Explanation:

The Modern Lifecycle Policy covers products and services that are serviced and supported continuously. For products governed by the Modern Lifecycle Policy, Microsoft will provide a minimum of 12 months' notification prior to ending support if no successor product or service is offered—excluding free services or preview releases.

Reference:

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

QUESTION NO: 8 - (DRAG DROP)

Match the cloud computing benefits to the appropriate requirements.

To answer, drag the appropriate benefit from the column on the left to its requirement on the right. Each benefit may be used once more than once, or not at all.

NOTE: Each correct match is worth one point.

ANSWER:

Explanation:

QUESTION NO: 9

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

One of the benefits of Azure SQL Data Warehouse is that high availability is built into the platform.

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. automatic scaling

C. data compression

D. versioning

ANSWER: A

QUESTION NO: 10

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: D E

QUESTION NO: 11 - (HOTSPOT)

HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

ANSWER:

Explanation:

Box 1: Yes

SLA's vary based on the resource type and the location distribution of the resource. However, the minimum uptime for all Azure services is 99.9 percent.

Box 2: Yes

The SLA guaranteed uptime is increased (usually to 99.95 percent) when resources are deployed across multiple regions.

Box 3: No

The number of subscriptions is unrelated to uptime SLA's. You can deploy resources to multiple regions under a single subscription or you can have multiple subscriptions with resources deployed to the same region.

References:

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

QUESTION NO: 12

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: A B C

QUESTION NO: 13

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: D E

QUESTION NO: 14

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 Subscription1. 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 Subscription1 by using the command.

Solution: From a computer that runs Windows 10, install Azure CLI. From PowerShell, sign in to Azure and then run the command.

Does this meet the goal?

A. Yes

B. No

ANSWER: A

Explanation:

The command can be run from PowerShell or the command prompt if you have the Azure CLI installed.

Reference:

https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-windows?view=azure-cli-latest

QUESTION NO: 15

Which two types of customers are eligible to use Azure Government to develop a cloud solution? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. a Canadian government contractor

B. a European government contractor

C. a United States government entity

D. a United States government contractor

E. a European government entity

ANSWER: C D

Explanation:

Azure Government is a cloud environment specifically built to meet compliance and security requirements for US government. This mission-critical cloud delivers breakthrough innovation to U.S. government customers and their partners. Azure Government applies to government at any level – from state and local governments to federal agencies including Department of Defense agencies.

The key difference between Microsoft Azure and Microsoft Azure Government is that Azure Government is a sovereign cloud. It's a physically separated instance of Azure, dedicated to U.S. government workloads only. It's built exclusively for government agencies and their solution providers.

References:

https://docs.microsoft.com/en-us/learn/modules/intro-to-azure-government/2-what-is-azure-government

QUESTION NO: 16

You need to collect and automatically analyze security events from Azure Active Directory (Azure AD).

What should you use?

A. Azure Sentinel

B. Azure Synapse Analytics

C. Azure AD Connect

D. Azure Key Vault

ANSWER: A

Explanation:

Reference:

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

QUESTION NO: 17

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: D E

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.

Incorrect Answers:

A: You don't have dedicated hardware. The underlying hardware is shared so you could have multiple customers using cloud resources hosted on the same physical hardware. B: Connections to the public cloud are secure.

C: Storage is not limited. You can have as much storage as you like.

References: https://docs.microsoft.com/en-gb/learn/modules/principles-cloud-computing/4-cloud-deployment-models

QUESTION NO: 18

Your company plans to deploy several million sensors that will upload data to Azure. You need to identify which Azure resources must be created to support the planned solution. Which two Azure resources should you identify? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point

A. Azure Data Lake

B. Azure Queue storage

C. Azure File Storage

D. Azure IoT Hub

E. Azure Notification Hubs

ANSWER: A D

QUESTION NO: 19

You need to configure an Azure solution that meets the following requirements:

- Secures websites from attacks
- Generates reports that contain details of attempted attacks

What should you include in the solution?

A. Azure Firewall

B. a network security group (NSG)

C. Azure Information Protection

D. DDoS protection

ANSWER: D

QUESTION NO: 20

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 plan to deploy several Azure virtual machines.

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

Solution: You deploy the virtual machines to two or more scale sets.

Does this meet the goal?

A. Yes

B. No

ANSWER: B

Explanation:

This answer does not specify that the scale set will be configured across multiple data centers so this solution does not meet the goal.

Azure virtual machine scale sets let you create and manage a group of load balanced VMs. The number of VM instances can automatically increase or decrease in response to demand or a defined schedule. Scale sets provide high availability to your applications, and allow you to centrally manage, configure, and update many VMs.

Virtual machines in a scale set can be deployed across multiple update domains and fault domains to maximize availability and resilience to outages due to data center outages, and planned or unplanned maintenance events.

Reference:

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