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AZ-900

Microsoft Azure Fundamentals

Sections
1. Understand Cloud Concepts
2. Understand Core Azure Services
3. Understand Security, Privacy, Compliance and Trust
4. Understand Azure Pricing and Support

Exam A

QUESTION 1
This question requires that you evaluate the underlined text to determine if it is correct.

When planning to migrate a public website to Azure, you must plan to <u>pay monthly usage costs</u>.

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. Deploy a VPN
C. pay to transfer all the website data to Azure
D. reduce the number of connections to the website

Correct Answer: A
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 2
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

Correct Answer: A
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 3
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 virtual machines that have Microsoft SQL Server installed.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 4
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 Storage accounts.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 5
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

Correct Answer: C
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 6
You plan to migrate a web application to Azure. The web application is accessed by external users.

You need to recommend a cloud deployment solution to minimize the amount of administrative effort used to manage the web application.

What should you include in the recommendation?

A. software as a service (SaaS)
B. platform as a service (PaaS)
C. infrastructure as a service (IaaS)
D. database as a service (DaaS)

Correct Answer: B
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 7
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. The public cloud is a crowd-sourcing solution that provides corporations with the ability to enhance the cloud
C. All public cloud resources can be freely accessed by every member of the public
D. The public cloud is a shared entity whereby multiple corporations each use a portion of the resources in the cloud

Correct Answer: D
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 8
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

Correct Answer: B
Section: Understand Cloud Concepts
Explanation

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

QUESTION 9
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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 availability zones.

Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section: Understand Cloud Concepts
Explanation

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

QUESTION 10
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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 regions.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:
Reference:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions

QUESTION 11
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

Correct Answer: A
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/architecture/cloud-adoption/appendix/azure-scaffold

QUESTION 12
Your company has an on-premises network that contains multiple servers.

The company plans to reduce the following administrative responsibilities of network administrators:

▪ Backing up application data
▪ Replacing failed server hardware
▪ Managing physical server security
▪ Updating server operating systems
▪ Managing permissions to shared documents

The company plans to migrate several servers to Azure virtual machines.

You need to identify which administrative responsibilities will be reduced after the planned migration.

Which two responsibilities should you identify? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Replacing failed server hardware
B. Backing up application data
C. Managing physical server security
D. Updating server operating systems
E. Managing permissions to shared documents

Correct Answer: AC
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 13
You plan to provision Infrastructure as a Service (IaaS) resources in Azure.

Which resource is an example of IaaS?

A. an Azure web app
B. an Azure virtual machine
C. an Azure logic app
D. an Azure SQL database

Correct Answer: B
Section: Understand Cloud Concepts
Explanation

Explanation/Reference:

QUESTION 14
HOTSPOT

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

Name	Operating system
Computer1	Windows 10
Computer2	Ubuntu
Computer3	MacOS Mojave

You need to identify which Azure management tools can be used from each computer.

What should you identify for each computer? To answer, select the appropriate options in the answer area.

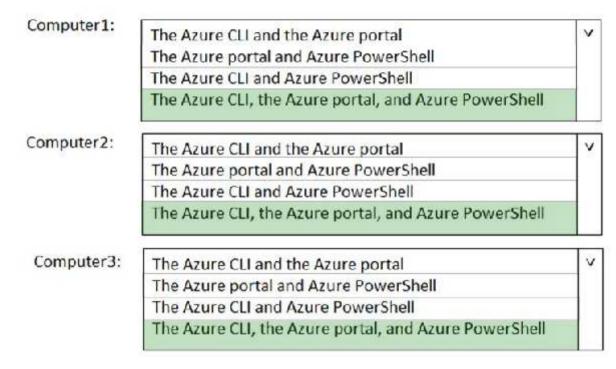**NOTE:** Each correct selection is worth one point.

Hot Area:

Answer Area

Computer1:

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

Computer2:

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

Computer3:

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

Correct Answer:

Answer Area

Computer1:

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

Computer2:

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

Computer3:

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

Section: Understand Core Azure Services
Explanation

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

QUESTION 15
This question requires that you evaluate the underlined text to determine if it is correct.

Azure policies provide a common platform for deploying objects to a cloud infrastructure and for implementing consistency across the Azure environment.

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. Resource groups provide
C. Azure Resource Manager provides
D. Management groups provide

Correct Answer: C
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 16
Your company has several business units.

Each business unit requires 20 different Azure resources for daily operation. All the business units require the same type of Azure resources.

You need to recommend a solution to automate the creation of the Azure resources.

What should you include in the recommendations?

A. Azure Resource Manager templates
B. virtual machine scale sets
C. the Azure API Management service
D. management groups

Correct Answer: A
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 17
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

Correct Answer: D
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 18
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 the PowerApps portal.

Does this meet the goal?

A. Yes

B. No

Correct Answer: B
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 19
This question requires that you evaluate the underlined text to determine if it is correct.

An Azure region <u>contains one or more data centers that are connected by using a low-latency network</u>.

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. Is found in each country where Microsoft has a subsidiary office

C. Can be found in every country in Europe and the Americas only

D. Contains one or more data centers that are connect by using a high-latency network

Correct Answer: A
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 20
This question requires that you evaluate the underlined text to determine if it is correct.

You plan to deploy 20 virtual machines to an Azure environment. To ensure that a virtual machine named VM1 cannot connect to the other virtual machines, VM1 must <u>be deployed to a separate virtual network</u>.

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. run a different operating system than the other virtual machines

C. be deployed to a separate resource group

D. have two network interfaces

Correct Answer: A
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 21
This question requires that you evaluate the underlined text to determine if it is correct.

When you need to delegate permissions to several Azure virtual machines simultaneously, you must deploy the Azure virtual machines <u>to the same Azure region</u>.

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. by using the same Azure Resource Manager template
C. to the same resource group
D. to the same availability zone

Correct Answer: C
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 22
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 Reserved Virtual Machines (VM) Instances
B. Azure virtual machine scale sets
C. Azure DevTest Labs
D. Microsoft Managed Desktop

Correct Answer: C
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 23
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 <u>high availability</u> 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

Correct Answer: A
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 24
You plan to store 20 TB of data in Azure. The data will be accessed infrequently and visualized by using Microsoft Power BI.

You need to recommend a storage solution for the data.

Which two solutions should you recommend? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Azure Data Lake
B. Azure Cosmos DB
C. Azure SQL Data Warehouse
D. Azure SQL Database
E. Azure Database for PostgreSQL

Correct Answer: AC

Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 25
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

Correct Answer: D
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 26
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

Correct Answer: B
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 27
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 Linux and has the Azure CLI tools installed.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 28
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

Correct Answer: B
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 29
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

Correct Answer: A
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 30
You have an Azure environment that contains 10 virtual networks and 100 virtual machines.

You need to limit the amount of inbound traffic to all the Azure virtual networks.

What should you create?

A. one network security group (NSG)
B. 10 virtual network gateways

C. 10 Azure ExpressRoute circuits

D. one Azure firewall

Correct Answer: D
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 31
DRAG DROP

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.

Select and Place:

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

Correct Answer:

Answer Options

| Azure Advisor |
| Azure Cognitive Services |
| Azure Application Insights |
| Azure DevOps |

Answer Area

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

Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 32
You have an Azure environment that contains multiple Azure virtual machines.

You plan to implement a solution that enables the client computers on your on-premises network to communicate to the Azure virtual machines.

You need to recommend which Azure resources must be created for the planned solution.

Which two Azure resources should you include in the recommendation? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. a virtual network gateway
B. a load balancer
C. an application gateway
D. a virtual network
E. a gateway subnet

Correct Answer: DE
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

References:

QUESTION 33
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

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

Correct Answer: B
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 34
Your company plans to move several servers to Azure.

The company's compliance policy states that a server named FinServer must be on a separate network segment.

You are evaluating which Azure services can be used to meet the compliance policy requirements.

Which Azure solution should you recommend?

A. a resource group for FinServer and another resource group for all the other servers
B. a virtual network for FinServer and another virtual network for all the other servers
C. a VPN for FinServer and a virtual network gateway for each other server
D. one resource group for all the servers and a resource lock for FinServer

Correct Answer: B
Section: Understand Core Azure Services
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/virtual-network/virtual-network-vnet-plan-design-arm

QUESTION 35
You plan to map a network drive from several computers that run Windows 10 to Azure Storage. You need to create a storage solution in Azure for the planned mapped drive.

What should you create?

A. an Azure SQL database
B. a virtual machine data disk
C. a Files service in a storage account
D. a Blobs service in a storage account

Correct Answer: C
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 36
Your company plans to migrate all its network resources to Azure.

You need to start the planning process by exploring Azure.

What should you create first?

A. a subscription
B. a resource group
C. a virtual network
D. a management group

Correct Answer: A

Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 37
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 web app
B. a server image in Azure Marketplace
C. a logic app
D. an API app

Correct Answer: C
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 38
You plan to deploy a website to Azure. The website will be accessed by users worldwide and will host large video files.

You need to recommend which Azure feature must be used to provide the best video playback experience.

What should you recommend?

A. an application gateway
B. an Azure ExpressRoute circuit
C. a content delivery network (CDN)
D. an Azure Traffic Manager profile

Correct Answer: C

Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 39
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

Correct Answer: BD
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 40
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

Correct Answer: AC
Section: Understand Core Azure Services
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/cli/azure/install-azure-cli-macos?view=azure-cli-latest

http://www.deployazure.com/management/managing-azure-from-ipad/

QUESTION 41
This question requires that you evaluate the underlined text to determine if it is correct.

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

The composite SLA for the application is the product of both SLAs, which equals 99.94 percent.

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 lowest SLA associated to the application, which is 99.95 percent
C. the highest SLA associated to the application, which is 99.99 percent
D. the difference between the two SLAs, which is 0.05 percent

Correct Answer: A
Section: Understand Core Azure Services
Explanation

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

QUESTION 42
This question requires that you evaluate the underlined text to determine if it is correct.

Data that is stored in the Archive access tier of an Azure Storage account can be accessed at any time by using azcopy.exe.

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. can only be read by using Azure Backup
C. must be restored before the data can be accessed
D. must be rehydrated before the data can be accessed

Correct Answer: D
Section: Understand Core Azure Services
Explanation

Explanation/Reference:

QUESTION 43
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify a DDoS protection plan.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 44
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify an Azure firewall.

Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 45
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 Traffic Manager profile.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 46
Which two types of customers are eligible to use Azure Government to develop a cloud solution? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. a Canadian government contractor
B. a European government contractor
C. a United States government entity
D. a United States government contractor
E. a European government entity

Correct Answer: CD
Section: Understand Security, Privacy, Compliance and Trust
Explanation

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

QUESTION 47
You need to ensure that when Azure Active Directory (Azure AD) users connect to Azure AD from the Internet by using an anonymous IP address, the users are prompted automatically to change their password.

Which Azure service should you use?

A. Azure AD Connect Health
B. Azure AD Privileged Identity Management
C. Azure Advanced Threat Protection (ATP)
D. Azure AD Identity Protection

Correct Answer: D

Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/active-directory/identity-protection/howto-sign-in-risk-policy

QUESTION 48
Your company plans to deploy several web servers and several database servers to Azure.

You need to recommend an Azure solution to limit the types of connections from the web servers to the database servers.

What should you include in the recommendation?

A. network security groups (NSGs)
B. Azure Service Bus
C. a local network gateway
D. a route filter

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 49
To what should an application connect to retrieve security tokens?

A. an Azure Storage account
B. Azure Active Directory (Azure AD)
C. a certificate store
D. an Azure key vault

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 50
This question requires that you evaluate the underlined text to determine if it is correct.

Resource groups provide organizations with the ability to manage the compliance of Azure resources across multiple subscriptions.

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

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

Correct Answer: C
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 51
Your network contains an Active Directory forest. The forest contains 5,000 user accounts.

Your company plans to migrate all network resources to Azure and to decommission the on-premises data center.

You need to recommend a solution to minimize the impact on users after the planned migration.

What should you recommend?

A. Implement Azure Multi-Factor Authentication (MFA)
B. Sync all the Active Directory user accounts to Azure Active Directory (Azure AD)

C. Instruct all users to change their password

D. Create a guest user account in Azure Active Directory (Azure AD) for each user

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 52
Which Azure service should you use to store certificates?

A. Azure Security Center

B. an Azure Storage account

C. Azure Key Vault

D. Azure Information Protection

Correct Answer: C
Section: Understand Security, Privacy, Compliance and Trust
Explanation

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

QUESTION 53
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

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/azure-resource-manager/resource-group-lock-resources

QUESTION 54
What can Azure Information Protection encrypt?

A. network traffic
B. documents and email messages
C. an Azure Storage account
D. an Azure SQL database

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/information-protection/compliance

https://docs.microsoft.com/en-us/azure/information-protection/quickstart-label-dnf-protectedemail

QUESTION 55
What should you use to evaluate whether your company's Azure environment meets regulatory requirements?

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

Correct Answer: D
Section: Understand Security, Privacy, Compliance and Trust
Explanation

QUESTION 56
HOTSPOT

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

NOTE: Each correct selection is worth one point.

Hot Area:

Answer Area

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

Correct Answer:

Answer Area

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

Section: Understand Security, Privacy, Compliance and Trust
Explanation

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

https://microsoft.github.io/AzureTipsAndTricks/blog/tip173.html

QUESTION 57
This question requires that you evaluate the underlined text to determine if it is correct.

Your company implements Azure policies to automatically add a watermark to Microsoft Word documents that contain credit card information.

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. DDoS protection

C. Azure Information Protection

D. Azure Active Directory (Azure AD) Identity Protection

Correct Answer: C
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/information-protection/infoprotect-quick-start-tutorial

QUESTION 58
This question requires that you evaluate the underlined text to determine if it is correct.

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

You assign an Azure policy specifying that virtual networks are not an allowed resource type in RG1. VNET1 <u>is deleted automatically.</u>

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. is moved automatically to another resource group

C. continues to function normally

D. is now a read-only object

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

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

QUESTION 59
Your company has an Azure environment that contains resources in several regions.

A company policy states that administrators must only be allowed to create additional Azure resources in a region in the country where their office is located.

You need to create the Azure resource that must be used to meet the policy requirement.

What should you create?

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

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 60
This question requires that you evaluate the underlined text to determine if it is correct.

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

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. Authentication
C. Federation
D. Ticketing

Correct Answer: B
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 61
You need to configure an Azure solution that meets the following requirements:

▪ Secures websites from attacks

▪ Generates reports that contain details of attempted attacks

What should you include in the solution?

A. Azure Firewall
B. a network security group (NSG)
C. Azure Information Protection
D. DDoS protection

Correct Answer: D
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 62
Your company plans to migrate all on-premises data to Azure. You need to identify whether Azure complies with the company's regional requirements.

What should you use?

A. the Knowledge Center
B. Azure Marketplace
C. the Azure portal
D. the Trust Center

Correct Answer: D
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 63
This question requires that you evaluate the underlined text to determine if it is correct.

Azure Key Vault is used to store secrets for <u>Azure Active Directory (Azure AD) user accounts</u>.

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

A. No change is needed
B. Azure Active Directory (Azure AD) administrative accounts
C. Personally Identifiable Information (PII)
D. server applications

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/key-vault/about-keys-secrets-and-certificates

QUESTION 64
Your company plans to automate the deployment of servers to Azure.

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

You need to recommend an Azure solution that encrypts the administrative credentials during the deployment.

What should you include in the recommendation?

A. Azure Key Vault
B. Azure Information Protection
C. Azure Security Center
D. Azure Multi-Factor Authentication (MFA)

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 65
You plan to deploy several Azure virtual machines.

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

What should you use?

A. a network security group (NSG)
B. an Azure Active Directory (Azure AD) role
C. an Azure Active Directory group
D. an Azure key vault

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
Explanation:
Restricting Internet access to your VMs in Azure can be achieved by making use of Azure Network Security Groups.

References:
https://scomandothergeekystuff.com/2018/04/02/blocking-internet-access-for-azure-vms/

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

QUESTION 66
This question requires that you evaluate the underlined text to determine if it is correct.

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

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

A. no change is needed
B. only enterprises that are registered in Germany
C. only enterprises that purchase their azure licenses from a partner based in Germany
D. any user or enterprise that requires its data to reside in Germany

Correct Answer: D
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/germany/germany-welcome?toc=%2fazure%2fgermany%2ftoc.json

QUESTION 67
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your Azure environment contains multiple Azure virtual machines.

You need to ensure that a virtual machine named VM1 is accessible from the Internet over HTTP.

Solution: You modify a network security group (NSG).

Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section: Understand Security, Privacy, Compliance and Trust
Explanation

Explanation/Reference:

QUESTION 68
This question requires that you evaluate the underlined text to determine if it is correct.

You deploy an Azure resource. The resource becomes unavailable for an extended period due to a service outage. Microsoft will <u>automatically refund your bank account</u>.

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. automatically migrate the resource to another subscription
C. automatically credit your account
D. send you a coupon code that you can redeem for Azure credits

Correct Answer: C

Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:

QUESTION 69
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. The solution must minimize administrative effort.

What should you include in the recommendation?

A. multiple subscriptions
B. multiple Azure Active Directory (Azure AD) directories
C. multiple regions
D. multiple resource groups

Correct Answer: A
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:

QUESTION 70
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has an Azure subscription that contains the following unused resources:

▪ 20 user accounts in Azure Active Directory (Azure AD)
▪ Five groups in Azure AD
▪ 10 public IP addresses
▪ 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused network interfaces.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/advisor/advisor-cost-recommendations#reduce-costs-by-deleting-or-reconfiguring-idle-virtual-network-gateways

QUESTION 71
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has an Azure subscription that contains the following unused resources:

▪ 20 user accounts in Azure Active Directory (Azure AD)
▪ Five groups in Azure AD
▪ 10 public IP addresses
▪ 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused public IP addresses.

Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
References:

QUESTION 72
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company has an Azure subscription that contains the following unused resources:

▪ 20 user accounts in Azure Active Directory (Azure AD)
▪ Five groups in Azure AD
▪ 10 public IP addresses
▪ 10 network interfaces

You need to reduce the Azure costs for the company.

Solution: You remove the unused user accounts.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
References:

QUESTION 73
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

Correct Answer: C
Section: Understand Azure Pricing and Support
Explanation

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

QUESTION 74
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 resource groups.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-us/azure/virtual-machines/windows/regions-and-availability

QUESTION 75
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

Correct Answer: C
Section: Understand Azure Pricing and Support
Explanation

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

QUESTION 76
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

Correct Answer: B
Section: Understand Azure Pricing and Support
Explanation

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

QUESTION 77
What is guaranteed in an Azure Service Level Agreement (SLA)?

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

Correct Answer: B
Section: Understand Azure Pricing and Support
Explanation

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

QUESTION 78
This question requires that you evaluate the underlined text to determine if it is correct.

An Azure service is available to all Azure customers when it is in <u>public preview</u>.

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. private preview
C. development
D. an Enterprise Agreement (EA) subscription

Correct Answer: A
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
References:
https://www.neowin.net/news/several-more-azure-services-now-available-in-private-public-preview/

QUESTION 79
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Basic support plan.

Does this meet the goal?

A. Yes
B. No

Correct Answer: B
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
Explanation:
The Basic support plan does not have any technical support for engineers.

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

QUESTION 80
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Standard support plan.

Does this meet the goal?

A. Yes

B. No

Correct Answer: A
Section: Understand Azure Pricing and Support
Explanation

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

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

QUESTION 81
Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

Your company plans to purchase Azure.

The company's support policy states that the Azure environment must provide an option to access support engineers by phone or email.

You need to recommend which support plan meets the support policy requirement.

Solution: Recommend a Premier support plan.

Does this meet the goal?

A. Yes
B. No

Correct Answer: A
Section: Understand Azure Pricing and Support
Explanation

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

References:

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

QUESTION 82
Your company plans to request an architectural review of an Azure environment from Microsoft.

The company currently has a Basic support plan.

You need to recommend a new support plan for the company. The solution must minimize costs.

Which support plan should you recommend?

A. Premier
B. Developer
C. Professional Direct
D. Standard

Correct Answer: A
Section: Understand Azure Pricing and Support
Explanation

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

QUESTION 83
What is required to use Azure Cost Management?

A. a Dev/Test subscription
B. Software Assurance
C. an Enterprise Agreement (EA)
D. a pay-as-you-go subscription

Correct Answer: C
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference:
References:
https://docs.microsoft.com/en-gb/azure/cost-management/overview-cost-mgt

QUESTION 84
This question requires that you evaluate the underlined text to determine if it is correct.

Your Azure trial account expired last week. You are now unable to create additional Azure Active Directory (Azure AD) user accounts.

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

A. No change is needed
B. start an existing Azure virtual machine
C. access your data stored in Azure
D. access the Azure portal

Correct Answer: C
Section: Understand Azure Pricing and Support
Explanation

Explanation/Reference: