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Out of 113 people that took the test, you rank 6th
Your score is 87.50%, while the average test score is 75.11%

Excellent!

CORRECT

Your company is considering using a Platform-as-a-Service (PaaS) environment.

Which components would be the responsibility of the customers and which would be the responsibility of the provider? To answer, select the appropriate Component and Responsibility combinations.

✓ <i>Data</i>	✓ <i>Customer</i>
✓ <i>Applications</i>	✓ <i>Customer</i>
✓ <i>Virtualization</i>	✓ <i>Provider</i>
✓ <i>Storage</i>	✓ <i>Provider</i>
✓ <i>Operating System</i>	✓ <i>Provider</i>

In a PaaS environment the customer is responsible for managing: (a) Applications (b) Data The provider is responsible for: (a) Runtime (b) Middleware (c) Operating System (d) Virtualization (e) Servers (f) Storage (g) Networking

CORRECT

A company has a single instance Azure virtual machine (VM) deployed in the North Central US region. You need to improve the Service Level Agreement (SLA) to guarantee 99.99%. You want to minimize the costs associated with the solution.

What should you do?

Install two additional instances in the same Availability Set

- ✓ ***Install an additional instance in a different Availability Zone in the same region.***

Install two additional instances in different Availability Zones in the same region

Install an additional instance in the same Availability Set

Install an additional instance in the South Central US region

You should install an additional instance in a different Availability Zone in the same region. An SLQ of 99.99% requires two or more VM instances in different Availability Zones in the same region. If availability falls below 99.99%, the subscriber receives a 10% credit. If it falls below 99%, the subscriber receives a 25% credit. Anything below 95% results in a 100% a credit.

CORRECT

You deploy three virtual machines (VMs) to Azure as three-tiered architecture. One VM hosts a front-end web application, one VM hosts a business application programming interface (API), and the other VM hosts a Microsoft SQL Server database. Only the front-end web application should be publicly accessible, and it should be accessible over HTTP on port 80. All three VMs must be accessible over Remote Desktop Protocol (RDP) on port 222. Only your account should be able to access the VMs.

You need to determine how Network Security Groups (NSGs) can be used in this scenario.

Which two ways can NSG rules be used? Each correct answer presents a complete solution.

To ensure that the front-end VM hosts only web applications

- ✓ ***To ensure that only the front-end VM is publicly accessible over port 80***

To ensure that only your account can use RDP to access the VMs

- ✓ ***To ensure that all three VMs are accessible over port 222***

An NSG can ensure that all three VMs are accessible via port 222. An NSG acts like a firewall. It defines rules that allow or deny inbound and outbound traffic. An NSG can ensure that only the front-end VM is publicly accessible over port 80.

CORRECT

What is Azure Knowledge Center?

- ✓ ***A publicly available search interface to locate and access online documentation***

A public database of quick fixes and links to software patches

A public interactive chat environment to ask support professionals questions

The Azure Knowledge Center is a publicly available search interface to locate and access online documentation.

CORRECT

You need to understand cloud computing terms as they relate to virtual machines (VMs) and App Services.

Which cloud computing terms applies to each example? To answer, drag the appropriate term to each example.

✓ *You can increase the number of VMs as more inbound requests arrive*

✓ *Scalability*

✓ *Your App Services web app automatically requests more computing resources during a sudden spike in traffic*

✓ *Elasticity*

✓ *A state-wide power outage in Virginia does not affect the ability of users to access data that was deployed to a data center in a state*

✓ *Fault tolerance*

Elasticity occurs when your App Services web app automatically requests more computing resources during a sudden spike in traffic. Scalability occurs when you can increase the number of VMs as more inbound requests arrive. This presents manual horizontal scaling Fault tolerance when a state-wide power outage in Virginia does not affect the ability of users to access data that was deployed to a data center in that state. Redundancy is built into the Azure architecture so that if a region fails, a paired region at least 300 miles away takes over.

CORRECT

Your company is considering using Linux-based Azure Container Instances (ACIs) to deploy a simple application. This application runs as a stateful application.

You need to provide storage and retrieve and persist state.

What type of storage should you use?

Azure Archive

Azure Disk

✓ **Azure Files**

Azure Blob

You should Azure Files. This is the only storage option that supports persistent storage for ACI. You would need to create the share and then create a container specifying the share and volume mount point.

CORRECT

You are planning to use Azure for a cloud solution.

You need to choose the most appropriate tool for different scenarios.

Which tool should yo use? To answer, drag the appropriate tool to each scenario.

✓ <i>You want to estimate the cost of deploying four virtual machines (VMs) and two SQL Database instances to Azure</i>	✓ <i>Azure pricing calculator</i>
✓ <i>You want to see how much you can save over five years by moving your company's infrastructure to the Azure cloud</i>	✓ <i>Total Cost of Ownership (TCO) calculator</i>
✓ <i>You want to set u an alert to send you and your coworker text messages when your Azure resources use 90 percent of your company's monthly Azure budget.</i>	✓ <i>Cost Management</i>

You should use the Total Cost of Ownership (TCO) calculator when you want to see how much you can save over five years by moving your company's infrastructure to the azure cloud. This tool allows you to predict cost savings. You should use Cost Management tool when you want to setup an alert to send you and your coworker text messages when your Azure resources use 90 percent of your company's monthly Azure budget. This tool allows you to view historical breakdowns of how much Azure resource cost. You can also set up alerts that get triggered when costs exceed a budget threshold. You should use the Azure pricing calculator when you want to estimate the cost of deploying four VMs and two SQL Database instances to Azure. This tool allows you to estimate the cost of deploying new resources to Azure.

CORRECT

Your company has a new policy to be able to limit access to resources at the resource group and resource scopes in a detailed, granular way. Access will be granted to various groups and individual users.

You need to implement the new policy.

What should you use?

- Locks
- ✓ *Role-based access control (RBAC)*

You should use role-based access control (RBAC). RBAC supports various scopes, including management groups, users, other security principals, and managed identities.

CORRECT

Your company has a hybrid network and uses on-premises and cloud-based resources.

You need to identify how life cycle policies affect the Azure products and services used by your company and covered under the Modern Life cycle Policy.

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

✓ **Information about upcoming features and releases is available at <https://azure.microsoft.com/updates>**

✓ **Yes**

✓ **Microsoft will provide at least 30 days notification when users must take action to avoid significant degradation to the normal use of a product or service**

✓ **Yes**

✓ **Microsoft will provide a minimum of 12 months notification prior to ending support for free services if no successor product or service is offered.**

✓ **No**

Under the Modern Lifecycle Policy, Microsoft will not provide a notification a minimum of 12 months before ending support for free services if no successor product or service is offered. Microsoft does provide a notification if no successor product or service is offered, but free services and preview releases are exempted from this policy. Microsoft will provide a notification at least 30 days before users must take action to avoid significant degradation to the normal use of a product or service. Customers can continue to use the product or service after this notification period, but they may experience degraded performance or limited product support. Information about upcoming features and releases is available at <https://azure.microsoft.com/updates>. Items are identified as : - Now Available (General availability) - In Preview - Under Development You can subscribe to notifications to ensure that you remain current on information about updates.

INCORRECT

A company deploys an Azure virtual machine (VM) running Windows. The VM hosts data files that must be available to other VMs running Windows, Linux, and macOS. Data must be secure both at rest and in-transit.

You need to choose an appropriate storage product solution.

What storage product should you use?

✗ *Blob storage*

Archive storage

File storage

Disk storage

You should choose file storage. Access is provided to other VMs, as well as on-premises, through the use of the Server Message Block (SMB) protocol, REST, and native client libraries

INCORRECT

How does Azure leverage economies of scale when a company uses Azure virtual machines (VMs) instead of on-premises servers?

✗ *Azure eliminates the need to hire hardware personnel to perform server maintenance*

Azure eliminates the need to pay upfront costs for servers, which lowers long-term spending.

Azure lowers the cost per VM instance because you deploy more instances

Azure lowers the total cost of using VMs in relation to the cost of purchasing servers because Microsoft purchases large amounts of hardware at lower prices

Azure lowers the total cost of using VMs in relation to the cost of purchasing servers. Microsoft can acquire hardware at a lower cost because of the amount of hardware it purchases.

CORRECT

A company deploys multiple instances of a web application across three Availability Zones. The company then configures an Azure networking product to evenly distribute service requests across the instances based on three different URLs.

Which networking product does this describe?

Content Delivery Network (CDN)

✓ ***Application Gateway***

Web Application Firewall (WAF)

Load Balancer

This describes the Azure Application Gateway, which is a web load balancer that supports traffic balancing across multiple Application Zones. It acts as an Open System Interconnection level 7 load

balancer and lets you route traffic to a server pool based on the incoming URL. Application Gateway can scale automatically based on changing demands.

CORRECT

Your company deploys a cloud infrastructure solution to Azure. You want to be able to receive technical support from Microsoft at any time of the day via phone. Microsoft must respond within the hour.

You need to purchase the least expensive support plan to meet your needs.

Which support plan should you purchase?

Premier

✓ **Standard**

Professional Direct

Developer

You should purchase the Standard Plan. This plan is for production workloads and offers 24/7 access via email and phone to the Microsoft technical engineers. Microsoft must respond within the the hour.

CORRECT

Your company uses Azure Blueprints to assist with its migration to Azure. User1 should be able to assign published blueprints.

You need to add User1 to the role-based access control (RBAC) role necessary to provide this permission. You should follow the principle of least privilege.

To which role should you assign User1?

Blueprint Contributor

✓ **Blueprint Operator**

Contributor

Owner

You should assign User1 to the Blueprint Operator role. Members of this role can assign existing published blueprints, but they cannot create new blueprint definitions. You should not assign User1 to the Contributor role. Members of this role can create and delete blueprint definitions, but they cannot assign published blueprints

INCORRECT

You need to use Azure Cloud Shell to manage Linux virtual machines (VMs) that are already deployed and in use.

For each of the following management tools, select Yes if you can use the tool to manage Linux VMs in Cloud Shell. Otherwise, select no.

✓ Azure PowerShell	✓ Yes
✗ Azure Portal	✗ No (Yes)
✗ Git Bash	✗ Yes (No)
✓ Azure Command-line interface (CLI)	✓ Yes

Yes, the Azure Cloud supports the use of Azure CLI, Azure PowerShell and Azure Portal to manage Linux, Windows, and Mac OS VMs. Azure Cloud Shell also supports common programming languages. Azure Cloud Shell lets you open an authenticated, browser-based management shell from virtually anywhere.

CORRECT

A company is looking for solutions to help to lower cloud-related costs.

You need to identify tools and mechanisms that help save money.

To answer, match each statement with the appropriate cost control mechanism.

✓ Your company plans to commit to a three-year plan for virtual machines (VMs) and storage resources to receive a reduction in pay-as-you-go prices.	✓ Azure Reservations
✓ Your company wants to increase default limits how many of select resources of each type can be provisioned per Azure Region	✓ Azure Resource Manager (ARM)
✓ Your company plans to make use of a free SaaS solution that lets your company monitor, allocate, and optimize cloud spend in a multi-cloud environment.	✓ Azure Cost Management

Your company plans to commit to a three-year plan for VMs and storage resources to receive a reduction in pay-as-you-go prices. This is an example of using Azure Reservations to cut costs. Cost savings can be significant for resources that use significant capacity or throughput or run for long periods of time. Azure Reservations can be applied to VMs. Blob storage data, Azure Cosmos DB or SQL databases. Your company plans to make use of a free SaaS solution that lets your company

monitor, allocate, and optimize spend in a multi-cloud environment. This is the role of Azure Cost Manager, which is provided at no cost to Azure customers and partners. It supports a multi-cloud environment to include Azure, AWS, and Google Cloud Platform. Your company wants to increase default limits on how many resources of each type can be provisioned per Azure Region. This is accomplished with ARM. This lets you increase default limits but does not let you exceed hard limits

CORRECT

For each of the following statements, select Yes if the statement correctly describes the use of Azure Policy initiatives. Otherwise, select No.

✓ ***An initiative is limited to being assigned to only one scope***

✓ **No**

✓ ***An initiative can only contain policies that are located in the same subscription***

✓ **Yes**

✓ ***When an initiative assignment is evaluated, all policies in that initiative are evaluated***

✓ **Yes**

An initiative is a collection of policies definitions, usually grouped with the goal of achieving a single goal. Initiatives are used to simplify managing and assigning policies. The same initiative can be assigned to multiple scopes including resources, resource groups, subscriptions, or management groups.

CORRECT

You need to answer statements about compliance in Azure.

How should you answer each question? To answer, select the appropriate statement and answer combinations

✓ ***This is a standards-based non-regulatory agency based in the United States.***

✓ **NIST**

✓ ***This tool allows you to determine whether or not your services meet industry standards***

✓ **Compliance Manager**

Compliance Manager allows you determine whether or not your services meet industry standards. Compliance Manager is a workflow within Service Trust Portal. It allows you to view a compliance score to determine how well you comply with industry standards. NIST is a standards-based non-regulatory agency based in the United States.

CORRECT

You work for a cloud solutions provider,

You need to determine which type of Azure resource to deploy under certain scenarios.

Which type of resources should deploy? To answer, select the appropriate resource for each scenario

✓ <i>You want to use serverless computing to have code written in JavaScript run whenever a file is uploaded to a storage account.</i>	✓ <i>Function app</i>
✓ <i>You want to distribute TCP traffic to virtual machines (VMs) evenly while providing one public IP address</i>	✓ <i>Load Balancer</i>
✓ <i>You want to store schema-less data that can be accessed via SQL queries</i>	✓ <i>Cosmos DB</i>

You should use a Load Balance when you want to evenly distribute the traffic to VMs, while providing one public IP address. You should use Cosmos DB when you want to store schema-less data that can be accessed via queries. You should use a Function app when you want to use serverless computing to have code that is written in Javascript when a file is uploaded to a storage account. You should not use a Logic app. A logic app allows you to design a workflow by using a graphical interface. You cannot use code to develop a Logic app.

CORRECT

Your company plans to use Azure Blueprints to support rapid deployment through built-in components and following organizational compliance.

Which statements accurately describe the feature and functionality of Azure Blueprints?

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

✓ <i>When a blueprint is updated and the updated version is published, any assignments of the blueprint are updated automatically</i>	✓ <i>No</i>
✓ <i>When you delete a core blueprint, any assigned versions of the blueprint remain in place</i>	✓ <i>Yes</i>
✓ <i>When a blueprint is unassigned, all resources assigned by the blueprint remain in place, but blueprint resource locking is removed</i>	✓ <i>Yes</i>

When a blueprint is updated and the updated version is updated, any assignments of the blueprint are not updated automatically. You must update the blueprint assignment with the new updated

version of the assignment. When a blueprint is unassigned, all resources assigned by the blueprint remain in place, but blueprint resource locking is removed. This also results in the deletion of the blueprint assignment object. When you delete a core blueprint, any assigned versions of the blueprint remain in place. A blueprint must be unassigned before it can be deleted

CORRECT

Your company plans to deploy to the Azure cloud three virtual machines (VMs) and a Load Balancer. You want to estimate the cost of using all four resources before you create a subscription.

You need to choose the most appropriate cost estimation tool.

Which tool should you use?

Cost Management

Azure Advisor

Total Cost of Ownership (TCO) calculator

✓ ***Azure Pricing Calculator***

You should use the Azure Pricing Calculator. This tool allows you to estimate the monthly cost of a cloud solution.

CORRECT

Which feature of Azure Monitor allows you to visually analyze telemetry data?

Metrics

✓ ***Application Insights***

Service Health

Alerts

Application Insights is a feature of Azure Monitor that allows you to visualize analyze telemetry data. It is an Application Performance Management (APM) service that detects performance in real time. Developers can install a small instrument package in their web applications to send telemetry data to Azure. Administrators can then log in to the Azure Portal and choose Application Insights under Azure Monitor

CORRECT

You are researching the governance methodologies in Azure. You want to understand role-based access security (RBAC), policies, initiatives, and locks.

You need to choose the type of resource or feature to use for different scenarios.

When should you use each resource or feature? To answer, drag the appropriate resource or feature to each scenario.

✓ <i>You want to ensure that only SQL Database instances can be added to a resource group named database-rg</i>	✓ <i>Policy</i>
✓ <i>You want to ensure that only members of the Sales group can access virtual machines (VMs) in the sales-rg resource group</i>	✓ <i>RBAC</i>
✓ <i>You want to prevent new resources from being added to a resource group by anyone</i>	✓ <i>Lock</i>

You should use a policy when you want to ensure that only SQL Database instances can be added to a resource group named database-rg. You should use RBAC to ensure that only members of the Sales group can access VMs in the sales-rg resource group. RBAC assigns permissions that apply to users and groups. You should use a lock when you want to prevent new resources from being added to a resource group by anyone

INCORRECT

A company needs to configure a hybrid cloud between Azure China and an on-premises site that is physically located outside of China.

You need to recommend a connectivity option that is allowed by telecommunication policies in China. You should minimize the effort to implement and maintain the solution.

Solution : Recommend setting a site-to-site (S2S) virtual private network (VPN) to connect an Azure site in China to your on-premises location.

Do this solution meet the goal?

✗ No

Yes

This solution meets the goal. You should recommend setting up an S2S VPN to connect an Azure site in China to your on-premises location. This is the only option supported for connecting with an on-premises site outside of China. Setting up any VPN or ExpressRoute requires the approval of the Chinese Ministry of Industry and Information Technology (MIIT). The connection must be registered with the MIIT

CORRECT

Application Security Groups (ASGs) let you organize similar servers so that yo can easily define and implement security policies based on those groups.

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

- control user access to serverless applications
- directly allow or block connections to all servers running instances of the same server
- define templates of rapid deployment of application instances in an orchestrated environment.

✔ **No change**

Application Security Groups (ASGs) let you organize similar servers so that you can easily define and implement security policies based on those groups. ASGs let you apply security to the group as a whole

CORRECT

For each scenario described, select the most appropriate Azure governance methodology.

To answer, select the most appropriate methodology from the drop-down menus.

✔ <i>You need to define a set of policies to help ensure compliance for resources contained in a resource group</i>	✔ <i>Initiative</i>
✔ <i>You need to use information from Azure Security Center to develop best practices recommendations from optimization</i>	✔ <i>Azure Advisor</i>
✔ <i>You need to prevent any users from deleting resources from a resource group with contents spanning multiple subscriptions</i>	✔ <i>Aure Locks</i>

You should use Azure Lock to prevent any users from deleting resources from a resource with contents spanning multiple subscriptions. You should use Azure Advisor to use information from Azure Security Center to develop best practices recommendation for optimization. You should use an Initiative to define a set of policies to help ensure compliance for resources contained in a resource group.

CORRECT

Which Azure service provides for serverless workflow orchestration to let you integrate apps, data, systems, and services across enterprises or organizations?

✓ **Logic Apps**

Bot Service

Apps Grid

Functions

Logic Apps provides for serverless workflow orchestration to let you integrate apps, data, systems and services across enterprises or organizations. You can use Logic Apps to avoid needing to write complex code for coordination between disparate systems.

INCORRECT

Which statements about Azure subscriptions are correct?

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

✗ A user can be given access to only one subscription and resources can belong to only one subscription.

✗ Yes **(No)**

✗ You can transfer an existing subscription to a new Azure Active Directory (AD) tenant.

✗ No **(Yes)**

✓ Quotas for resources in Azure Resource Groups are per region rather than per subscription

✓ Yes

You can transfer an existing subscription to a new Azure AD tenant. When you transfer a subscription, all role-based access control (RBAC) role assignments are deleted from the source tenant. RBAC role assignments are not migrated to the destination tenant. Quotas for resources in Azure Resource Groups are per region rather than per subscription. Limits for many resources are higher than traditional default limits for resources managed in Azure Resource Groups through Azure Resource Manager. A user can be given access to multiple subscriptions and access resources in those subscriptions. However a resource can belong to only one subscription.

CORRECT

Which regulation addresses data protection and privacy for all individuals in the European Union (EU)?

✓ **General Data Protection Regulation (GDPR)**

Payment Card Industry Data Security Standards (PCI DSS)

National Institute of Standards and Technology (NIST) 800-171

Health Information Trust Alliance (HITRUST)

GDPR addresses data protection and privacy for all individuals in the EU. It specifies requirements about collecting, storing, and using personal information and deals with sharing data outside of the EU.

CORRECT

You need to use an Azure Big Data solution that allows you to query and transform data to extract insights.

What is the most appropriate solution to use?

Blob Storage

CosmosDB

✓ **Data Lake Analytics**

Azure SQL Database

You should use Data Lake Analytics. Data Lake Analytics is a Big Data solution that allows developers to write code with a mixture of SQL and C# syntax. This language is called U-SQL. This allows developers to use their existing skills to process data at a large scale

CORRECT

The Azure Standard support plan provides 24x7 access to Support Engineers via email and phone.

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

✓ **No change**

business hours access to Support Engineers via email or phone

business hours access to Support Engineers via email only

24x7 access to Support Engineers via email only

The Azure Standard support plan provides 24x7 access to Support Engineers via email and phone. This same standard applies to the Professional Direct (ProDirect) and Premier service plans. The Developer (Dev) support plan supports business hour access to Support Engineers via email only

CORRECT

Which statements accurately describe Azure PowerShell?

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

✓ **Azure PowerShell can be run in a browser in the Azure Cloud Shell**

✓ **Yes**

✓ **Azure PowerShell virtual machine (VM) management is limited to Windows VMs only**

✓ **No**

✓ **Azure PowerShell can be used to create scripts to automate Azure management tasks**

✓ **Yes**

✓ **Azure PowerShell is used to create Azure Resource Manager templates**

✓ **No**

Azure PowerShell can be used to create scripts to automate Azure management tasks. It provides support for the concurrent execution of multiple scripts. Most tasks can be automated through the use of PowerShell scripts. Azure PowerShell VM management is not limited to Windows VM only. It can also be used to manage Linux and Mac OS VMs. Azure PowerShell can be run in a browser in the Azure Cloud Shell or by connecting through Azure PowerShell. In addition to Azure PowerShell, Azure Cloud Shell supports Azure Command-line interface (CLI) and many programming languages. Azure PowerShell is not used to create Azure Resource Manager templates. Azure Resource Manager templates use basic Javascript Object Notation (JSON) syntax with support for expressions and functions that extend JSON values.

CORRECT

Your company has an Azure Professional Direct (ProDirect) service plan. A user with the Support Request Contributor built-in role initiates a support ticket through Azure Portal. The support ticket has Minimal business impact (Sev C) severity.

What is the maximum response time for the initial response to the support ticket?

✓ **4 hours**

2 hours

8 hours

1 hour

The maximum initial response time in this scenario is 4 hours. The same standard applies for the Premier support plan.

CORRECT

Your company is considering using Linux-based Azure Container Instances (ACIs) to deploy a simple application. This application runs as a stateful application.

You need to provide storage and retrieve and persist state.

What type of storage should you use?

Azure Archive

Azure Disk

✓ **Azure Files**

Azure Blob

You should Azure Files. This is the only storage option that supports persistent storage for ACI. You would need to create the share and then create a container specifying the share and volume mount point.

CORRECT

Which Azure management tool provides a graphic interface for deploying, managing and monitoring Azure resources?

Azure Command-line interface (CLI)

✓ **Azure Portal**

Azure Resource Manager

Azure PowerShell

Azure Portal provides a graphic interface for deploying, managing, and monitoring Azure resources. It can be used to manage all aspects of your applications. Azure Portal has a home view, which is the default view with menus, and a dashboard view, which gives you easy access to tools and information. Azure PowerShell and Azure CLI are both command-line based management utilities and do not provide a graphic interface. Azure Resource Manager is not used for managing and monitoring Azure resources. It is used to deploy resources based on templates and provides an easy way to deploy consistent instances of resources

CORRECT

Your company is considering moving an on-premises data center to the cloud.

You need to determine if there will any cost savings because of this move.

What should you use?

✓ **Total Cost of Ownership (TCO) Calculator**

Pricing Calculator

Azure Advisor

Azure Resource Manager

You should use TCO calculator. TCO calculator is designed to estimate cost savings from migrating workloads to Azure. It uses the information you provide about current on-premises workloads to recommend solutions.

CORRECT

What is the purpose of a resource group?

✓ ***It serves as a container for Azure resources like virtual machines (VMs) and web apps***

It is a collection of user and group accounts

It specifies the subscriptions that are allowed to create Azure resources

It defines the initiatives that allow you to control the type of resources that can be deployed

A resource group serves as a container for Azure resources like VMs and web apps.

CORRECT

Your Azure deployment is configured with a virtual network (VNet) consisting of multiple subnet. All outgoing traffic from Azure to your on-premises network should be routed through a specific Azure Firewall. The Firewall is pre-configured on your network.

You need to configure network traffic controls to meet this requirement.

Solution : Create a Network Security Group (NSG), configure filter parameters, and apply the NSG to each subnet in the virtual network (VNet)

Does this solution meet the goal?

✓ ***No***

Yes

This solution does not meet. You should not create an NSG, configure filter parameters and apply the NSG to each subnet in the virtual network. An NSG lets you filter connections based on the parameters you specify, but it does not let you configure routing information. You should configure user-defined (UDRs) as a custom routing table to apply the custom routing table to each subnet. The routes in the custom routing table will override the pre-configured system routes.

CORRECT

Your work for a cloud solutions provider. The provider is planning to deploy virtual machines (VMs) and Platform-as-a-Service (PaaS) solutions.

You need to determine which type of Azure resource to deploy under scenarios.

Which resources should you deploy? To answer, select the appropriate resource & scenario combinations below.

✓ <i>You want to send HTTP traffic to a specific to a specific endpoint when the URL contains a specific route</i>	✓ <i>Application Gateway</i>
✓ <i>You want to use serverless computing to design a graphical workflow that sends an email every night but only if an automated build fails</i>	✓ <i>Logic app</i>
✓ <i>You want to use SQL queries to access data from a SQL Server database engine without having to deploy a VM</i>	✓ <i>Azure SQL Database</i>

You should use Application Gateway when you want to send HTTP traffic to a specific endpoint when the URL contains a specific route. You should use Azure SQL Database when you want to use SQL queries to access the data from a SQL Server database engine without having to deploy a VM You should use a Logic app when you want to use serverless computing to design a graphical workflow that sends an email every night but only if an automated build fails. A Logic app allows you to design workflow by using a graphical interface.

CORRECT

Which statement best describes the Azure Knowledge Center?

- ☐ It is a website that lists a collection of templates for every resource type that you can deploy in Azure.
- ☐ It is a resource that you can deploy to allow developers to integrate support in their applications.
- ☒ *It provides answers to frequently asked questions (FAQs) regarding the Azure cloud*
- ☐ It publishes a representational state transfer (REST) application program interface (API) that allows third-party tools to retrieve a user-friendly definition of each resource type in Azure

