A &&Your company has an Azure Kubernetes Service (AKS) cluster that you manage from an Azure AD-joined device. The cluster is located in a resource group.

Developers have created an application named MyApp. MyApp was packaged into a container image.

You need to deploy the YAML manifest file for the application.

Solution: You install the Azure CLI on the device and run the kubectl apply `"f myapp.yaml command.

Does this meet the goal?

A. Yes

B. No

;B &&Your company has an Azure Kubernetes Service (AKS) cluster that you manage from an Azure AD-joined device. The cluster is located in a resource group.

Developers have created an application named MyApp. MyApp was packaged into a container image.

You need to deploy the YAML manifest file for the application.

Solution: You install the docker client on the device and run the docker run -it microsoft/azure-cli:0.10.17 command.

Does this meet the goal?

A. Yes

B. No

;B &&You are configuring a web app that delivers streaming video to users. The application makes use of continuous integration and deployment.

You need to ensure that the application is highly available and that the users' streaming experience is constant. You also want to configure the application to store data in a geographic location that is nearest to the user.

Solution: You include the use of Azure Redis Cache in your design.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are configuring a web app that delivers streaming video to users. The application makes use of continuous integration and deployment.

You need to ensure that the application is highly available and that the users' streaming experience is constant. You also want to configure the application to store data in a geographic location that is nearest to the user.

Solution: You include the use of an Azure Content Delivery Network (CDN) in your design.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are configuring a web app that delivers streaming video to users. The application makes use of continuous integration and deployment.

You need to ensure that the application is highly available and that the users' streaming experience is constant. You also want to configure the application to store data in a geographic location that is nearest to the user.

Solution: You include the use of a Storage Area Network (SAN) in your design.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a solution for a public facing API.

The API back end is hosted in an Azure App Service instance. You have implemented a RESTful service for the API back end.

You must configure back-end authentication for the API Management service instance.

Solution: You configure Basic gateway credentials for the Azure resource.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are developing a solution for a public facing API.

The API back end is hosted in an Azure App Service instance. You have implemented a RESTful service for the API back end.

You must configure back-end authentication for the API Management service instance.

Solution: You configure Client cert gateway credentials for the HTTP(s) endpoint.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a solution for a public facing API.

The API back end is hosted in an Azure App Service instance. You have implemented a RESTful service for the API back end.

You must configure back-end authentication for the API Management service instance.

Solution: You configure Basic gateway credentials for the HTTP(s) endpoint.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a solution for a public facing API.

The API back end is hosted in an Azure App Service instance. You have implemented a RESTful service for the API back end.

You must configure back-end authentication for the API Management service instance.

Solution: You configure Basic gateway credentials for the HTTP(s) endpoint.

Does the solution meet the goal?

A. Yes

B. No

;B &&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 develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in AzureStorage Blob storage. The storage account type is General-purpose V2.

When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.

You need to design the process that starts the photo processing.

Solution: Trigger the photo processing from Blob storage events.

Does the solution meet the goal?

A. Yes

B. No

;B &&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 develop and deploy an Azure App Service API app to a Windows-hosted deployment slot named Development. You create additional deployment slots named Testing and Production. You enable auto swap on the Production deployment slot.

You need to ensure that scripts run and resources are available before a swap operation occurs.

Solution: Update the web.config file to include the applicationInitialization configuration element. Specify custom initialization actions to run the scripts.

Does the solution meet the goal?

A. No

B. Yes

;A &&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 develop and deploy an Azure App Service API app to a Windows-hosted deployment slot named Development. You create additional deployment slots named Testing and Production. You enable auto swap on the Production deployment slot.

You need to ensure that scripts run and resources are available before a swap operation occurs.

Solution: Enable auto swap for the Testing slot. Deploy the app to the Testing slot.

Does the solution meet the goal?

A. No

B. Yes

;A &&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 develop and deploy an Azure App Service API app to a Windows-hosted deployment slot named Development. You create additional deployment slots named Testing and Production. You enable auto swap on the Production deployment slot.

You need to ensure that scripts run and resources are available before a swap operation occurs.

Solution: Disable auto swap. Update the app with a method named statuscheck to run the scripts. Re-enable auto swap and deploy the app to the Production slot.

Does the solution meet the goal?

A. No

B. Yes

;B &&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 develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in AzureStorage Blob storage. The storage account type is General-purpose V2.

When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.

You need to design the process that starts the photo processing.

Solution: Convert the Azure Storage account to a BlockBlobStorage storage account.

Does the solution meet the goal?

A. Yes

B. No

;A &&You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data.

You need to ensure the app does not time out and processes the blob data.

Solution: Use the Durable Function async pattern to process the blob data.

Does the solution meet the goal?

A. Yes

B. No

;A &&You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data.

You need to ensure the app does not time out and processes the blob data.

Solution: Pass the HTTP trigger payload into an Azure Service Bus queue to be processed by a queue trigger function and return an immediate HTTP success response.

Does the solution meet the goal?

A. Yes

B. No

;B &&You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data.

You need to ensure the app does not time out and processes the blob data.

Solution: Configure the app to use an App Service hosting plan and enable the Always On setting.

Does the solution meet the goal?

A. Yes

B. No

;A &&You develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in AzureStorage Blob storage. The storage account type is General-purpose V2.

When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.

You need to design the process that starts the photo processing.

Solution: Move photo processing to an Azure Function triggered from the blob upload.

Does the solution meet the goal?

A. Yes

B. No

;B &&You develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in AzureStorage Blob storage. The storage account type is General-purpose V2.

When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.

You need to design the process that starts the photo processing.

Solution: Create an Azure Function app that uses the Consumption hosting model and that is triggered from the blob upload.

Does the solution meet the goal?

A. Yes

B. No

;B &&You develop and deploy an Azure App Service API app to a Windows-hosted deployment slot named Development. You create additional deployment slots named Testing and Production. You enable auto swap on the Production deployment slot.

You need to ensure that scripts run and resources are available before a swap operation occurs.

Solution: Update the app with a method named statuscheck to run the scripts. Update the app settings for the app. Set theWEBSITE\_SWAP\_WARMUP\_PING\_PATH and WEBSITE\_SWAP\_WARMUP\_PING\_STATUSES with a path to the new method and appropriate response codes.

Does the solution meet the goal?

A. No

B. Yes

;B &&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 develop a software as a service (SaaS) offering to manage photographs. Users upload photos to a web service which then stores the photos in AzureStorage Blob storage. The storage account type is General-purpose V2.

When photos are uploaded, they must be processed to produce and save a mobile-friendly version of the image. The process to produce a mobile-friendly version of the image must start in less than one minute.

You need to design the process that starts the photo processing.

Solution: Use the Azure Blob Storage change feed to trigger photo processing.

Does the solution meet the goal?

A. Yes

B. No

;B &&You develop an HTTP triggered Azure Function app to process Azure Storage blob data. The app is triggered using an output binding on the blob.

The app continues to time out after four minutes. The app must process the blob data.

You need to ensure the app does not time out and processes the blob data.

Solution: Update the functionTimeout property of the host.json project file to 10 minutes.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.You need to implement a solution to receive the device data.

Solution: Provision an Azure Event Grid. Configure the machine identifier as the partition key and enable capture.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.

You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.

You need to configure authorization.

Solution: Configure the Azure Web App for the website to allow only authenticated requests and require Azure AD log on.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.

You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.

You need to configure authorization.

Solution:

✑ Create a new Azure AD application. In the application's manifest, set value of the groupMembershipClaims option to All.

✑ In the website, use the value of the groups claim from the JWT for the user to determine permissions.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.

You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.

You need to configure authorization.

Solution:

✑ Create a new Azure AD application. In the application's manifest, define application roles that match the required permission levels for the application.

✑ Assign the appropriate Azure AD group to each role. In the website, use the value of the roles claim from the JWT for the user to determine permissions.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are developing a medical records document management website. The website is used to store scanned copies of patient intake forms.If the stored intake forms are downloaded from storage by a third party, the contents of the forms must not be compromised.

You need to store the intake forms according to the requirements.

Solution:

1. Create an Azure Key Vault key named skey.

2. Encrypt the intake forms using the public key portion of skey.

3. Store the encrypted data in Azure Blob storage.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a medical records document management website. The website is used to store scanned copies of patient intake forms.If the stored intake forms are downloaded from storage by a third party, the contents of the forms must not be compromised.

You need to store the intake forms according to the requirements.

Solution:

1. Create an Azure Cosmos DB database with Storage Service Encryption enabled.

2. Store the intake forms in the Azure Cosmos DB database.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a medical records document management website. The website is used to store scanned copies of patient intake forms.If the stored intake forms are downloaded from storage by a third party, the contents of the forms must not be compromised.

You need to store the intake forms according to the requirements.

Solution: Store the intake forms as Azure Key Vault secrets.

Does the solution meet the goal?

A. Yes

B. No

;B &&You develop Azure solutions.

You must grant a virtual machine (VM) access to specific resource groups in Azure Resource Manager.

You need to obtain an Azure Resource Manager access token.

Solution: Use an X.509 certificate to authenticate the VM with Azure Resource Manager.

Does the solution meet the goal?

A. Yes

B. No

;B &&You develop Azure solutions.

You must grant a virtual machine (VM) access to specific resource groups in Azure Resource Manager.

You need to obtain an Azure Resource Manager access token.

Solution: Use the Reader role-based access control (RBAC) role to authenticate the VM with Azure Resource Manag

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing a website that will run as an Azure Web App. Users will authenticate by using their Azure Active Directory (Azure AD) credentials.

You plan to assign users one of the following permission levels for the website: admin, normal, and reader. A user's Azure AD group membership must be used to determine the permission level.

You need to configure authorization.

Solution:

✑ Configure and use Integrated Windows Authentication in the website.

✑ In the website, query Microsoft Graph API to load the groups to which the user is a member.

Does the solution meet the goal?

A. Yes

B. No

;A &&You develop Azure solutions.

You must grant a virtual machine (VM) access to specific resource groups in Azure Resource Manager.

You need to obtain an Azure Resource Manager access token.

Solution: Run the Invoke-RestMethod cmdlet to make a request to the local managed identity for Azure resources endpoint.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing and deploying several ASP.NET web applications to Azure App Service. You plan to save session state information and HTML output.

You must use a storage mechanism with the following requirements:

✑ Share session state across all ASP.NET web applications.

✑ Support controlled, concurrent access to the same session state data for multiple readers and a single writer.

✑ Save full HTTP responses for concurrent requests.

You need to store the information.

Proposed Solution: Enable Application Request Routing (ARR).

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing and deploying several ASP.NET web applications to Azure App Service. You plan to save session state information and HTML output.

You must use a storage mechanism with the following requirements:

✑ Share session state across all ASP.NET web applications.

✑ Support controlled, concurrent access to the same session state data for multiple readers and a single writer.

✑ Save full HTTP responses for concurrent requests.

You need to store the information.

Proposed Solution: Deploy and configure an Azure Database for PostgreSQL. Update the web applications..

Does the solution meet the goal?

A. Yes

B. No

;A &&You are developing and deploying several ASP.NET web applications to Azure App Service. You plan to save session state information and HTML output.

You must use a storage mechanism with the following requirements:

✑ Share session state across all ASP.NET web applications.

✑ Support controlled, concurrent access to the same session state data for multiple readers and a single writer.

✑ Save full HTTP responses for concurrent requests.

You need to store the information.

Proposed Solution: Deploy and configure Azure Cache for Redis. Update the web applications.

Does the solution meet the goal?

A. Yes

B. No

;C &&You have two Hyper-V hosts named Host1 and Host2. Host1 has an Azure virtual machine named VM1 that was deployed by using a custom Azure ResourceManager template.You need to move VM1 to Host2.What should you do?

A. From the Update management blade, click Enable.

B. From the Overview blade, move VM1 to a different subscription.

C. From the Redeploy blade, click Redeploy.

D. From the Profile blade, modify the usage location.

;B &&Your company has a web app named WebApp1.

You use the WebJobs SDK to design a triggered App Service background task that automatically invokes a function in the code every time new data is received in a queue.

You are preparing to configure the service processes a queue data item.

Which of the following is the service you should use?

A. Logic Apps

B. WebJobs

C. Flow

D. Functions

;D &&Your company has an Azure subscription.

You need to deploy a number of Azure virtual machines to the subscription by using Azure Resource Manager (ARM) templates. The virtual machines will be included in a single availability set.

You need to ensure that the ARM template allows for as many virtual machines as possible to remain accessible in the event of fabric failure or maintenance.

Which of the following is the value that you should configure for the platformFaultDomainCount property?

A. 10

B. 30

C. Min Value

D. Max Value

;B &&Your company has an Azure subscription.

You need to deploy a number of Azure virtual machines to the subscription by using Azure Resource Manager (ARM) templates. The virtual machines will be included in a single availability set.

You need to ensure that the ARM template allows for as many virtual machines as possible to remain accessible in the event of fabric failure or maintenance.Which of the following is the value that you should configure for the platformUpdateDomainCount property?

A. 10

B. 20

C. 30

D. 40

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

You company has an on-premises deployment of MongoDB, and an Azure Cosmos DB account that makes use of the MongoDB API.

You need to devise a strategy to migrate MongoDB to the Azure Cosmos DB account.

You include the Data Management Gateway tool in your migration strategy.

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

A. No change required

B. mongorestore

C. Azure Storage Explorer

D. AzCopy

;C &&You are developing an e-Commerce Web App.You want to use Azure Key Vault to ensure that sign-ins to the e-Commerce Web App are secured by using Azure App Service authentication and Azure ActiveDirectory (AAD).What should you do on the e-Commerce Web App?

A. Run the az keyvault secret command.

B. Enable Azure AD Connect.

C. Enable Managed Service Identity (MSI).

D. Create an Azure AD service principal.

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

Your Azure Active Directory Azure (Azure AD) tenant has an Azure subscription linked to it.

Your developer has created a mobile application that obtains Azure AD access tokens using the OAuth 2 implicit grant type.

The mobile application must be registered in Azure AD.

You require a redirect URI from the developer for registration purposes.

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 required.

B. a secret

C. a login hint

D. a client ID

;BD &&You are creating an Azure key vault using PowerShell. Objects deleted from the key vault must be kept for a set period of 90 days.

Which two of the following parameters must be used in conjunction to meet the requirement? (Choose two.)

A. EnabledForDeployment

B. EnablePurgeProtection

C. EnabledForTemplateDeployment

D. EnableSoftDelete

;C &&You manage an Azure SQL database that allows for Azure AD authentication.

You need to make sure that database developers can connect to the SQL database via Microsoft SQL Server Management Studio (SSMS). You also need to make sure the developers use their on-premises Active Directory account for authentication. Your strategy should allow for authentication prompts to be kept to a minimum.

Which of the following should you implement?

A. Azure AD token.

B. Azure Multi-Factor authentication.

C. Active Directory integrated authentication.

D. OATH software tokens.

;B &&You are developing an application to transfer data between on-premises file servers and Azure Blob storage. The application stores keys, secrets, and certificates in Azure Key Vault and makes use of the Azure Key Vault APIs.

You want to configure the application to allow recovery of an accidental deletion of the key vault or key vault objects for 90 days after deletion.What should you do?

A. Run the Add-AzKeyVaultKey cmdlet.

B. Run the az keyvault update --enable-soft-delete true --enable-purge-protection true CLI.

C. Implement virtual network service endpoints for Azure Key Vault.

D. Run the az keyvault update --enable-soft-delete false CL

;C &&You develop a Web App on a tier D1 app service plan.

You notice that page load times increase during periods of peak traffic.You want to implement automatic scaling when CPU load is above 80 percent. Your solution must minimize costs.

What should you do first?

A. Enable autoscaling on the Web App.

B. Switch to the Premium App Service tier plan.

C. Switch to the Standard App Service tier plan.

D. Switch to the Azure App Services consumption plan.

;C &&Your company's Azure subscription includes an Azure Log Analytics workspace.

Your company has a hundred on-premises servers that run either Windows Server 2012 R2 or Windows Server 2016, and is linked to the Azure Log Analytics workspace. The Azure Log Analytics workspace is set up to gather performance counters associated with security from these linked servers.

You must configure alerts based on the information gathered by the Azure Log Analytics workspace.

You have to make sure that alert rules allow for dimensions, and that alert creation time should be kept to a minimum. Furthermore, a single alert notification must be created when the alert is created and when the alert is resolved.

You need to make use of the necessary signal type when creating the alert rules.

Which of the following is the option you should use?

A. The Activity log signal type.

B. The Application Log signal type.

C. The Metric signal type.

D. The Audit Log signal type.

;B &&You are developing a .NET Core MVC application that allows customers to research independent holiday accommodation providers.

You want to implement Azure Search to allow the application to search the index by using various criteria to locate documents related to accommodation.You want the application to allow customers to search the index by using regular expressions.

What should you do?

A. Configure the SearchMode property of the SearchParameters class.

B. Configure the QueryType property of the SearchParameters class.

C. Configure the Facets property of the SearchParameters class.

D. Configure the Filter property of the SearchParameters class.

;B &&You are a developer at your company.

You need to update the definitions for an existing Logic App.

What should you use?

A. the Enterprise Integration Pack (EIP)

B. the Logic App Code View

C. the API Connections

D. the Logic Apps Designer

;D &&You are developing a .NET Core MVC application that allows customers to research independent holiday accommodation providers.

You want to implement Azure Search to allow the application to search the index by using various criteria to locate documents related to accommodation venues.

You want the application to list holiday accommodation venues that fall within a specific price range and are within a specified distance to an airport.What should you do?

A. Configure the SearchMode property of the SearchParameters class.

B. Configure the QueryType property of the SearchParameters class.

C. Configure the Facets property of the SearchParameters class.

D. Configure the Filter property of the SearchParameters class.

;D &&You are a developer at your company.You need to edit the workflows for an existing Logic App.What should you use?

A. the Enterprise Integration Pack (EIP)

B. the Logic App Code View

C. the API Connections

D. the Logic Apps Designer

;D &&You are developing an application that applies a set of governance policies for internal and external services, as well as for applications.

You develop a stateful ASP.NET Core 2.1 web application named PolicyApp and deploy it to an Azure App Service Web App. The PolicyApp reacts to events fromAzure Event Grid and performs policy actions based on those events.

You have the following requirements:

✑ Authentication events must be used to monitor users when they sign in and sign out.

✑ All authentication events must be processed by PolicyApp.

✑ Sign outs must be processed as fast as possible.

What should you do?

A. Create a new Azure Event Grid subscription for all authentication events. Use the subscription to process sign-out events.

B. Create a separate Azure Event Grid handler for sign-in and sign-out events.

C. Create separate Azure Event Grid topics and subscriptions for sign-in and sign-out events.

D. Add a subject prefix to sign-out events. Create an Azure Event Grid subscription. Configure the subscription to use the subjectBeginsWith filter.

;A &&You are developing an Azure Web App. You configure TLS mutual authentication for the web app.

You need to validate the client certificate in the web app.

To answer, select the appropriate options in the answer area.

Client certificate location

A. HTTP request header

B. Client cookie

C. HTTP message body

D. URL query string

;D &&You are developing an Azure Web App. You configure TLS mutual authentication for the web app.

You need to validate the client certificate in the web app.

To answer, select the appropriate options in the answer area.

Encoding type:

A. HTML

B. URL

C. Unicode

D. Base64

;D &&You develop a website. You plan to host the website in Azure. You expect the website to experience high traffic volumes after it is published.

You must ensure that the website remains available and responsive while minimizing cost.

You need to deploy the website.

What should you do?

A. Deploy the website to a virtual machine. Configure the virtual machine to automatically scale when the CPU load is high.

B. Deploy the website to an App Service that uses the Shared service tier. Configure the App Service plan to automatically scale when the CPU load is high.

C. Deploy the website to a virtual machine. Configure a Scale Set to increase the virtual machine instance count when the CPU load is high.

D. Deploy the website to an App Service that uses the Standard service tier. Configure the App Service plan to automatically scale when the CPU load is high.

;B &&You are developing an application that uses Azure Blob storage.

The application must read the transaction logs of all the changes that occur to the blobs and the blob metadata in the storage account for auditing purposes. The changes must be in the order in which they occurred, include only create, update, delete, and copy operations and be retained for compliance reasons.

You need to process the transaction logs asynchronously.

What should you do?

A. Process all Azure Blob storage events by using Azure Event Grid with a subscriber Azure Function app.

B. Enable the change feed on the storage account and process all changes for available events.

C. Process all Azure Storage Analytics logs for successful blob events.

D. Use the Azure Monitor HTTP Data Collector API and scan the request body for successful blob events.

;D &&You are developing an Azure Function App that processes images that are uploaded to an Azure Blob container.

Images must be processed as quickly as possible after they are uploaded, and the solution must minimize latency. You create code to process images when theFunction App is triggered.

You need to configure the Function App.

What should you do?

A. Use an App Service plan. Configure the Function App to use an Azure Blob Storage input trigger.

B. Use a Consumption plan. Configure the Function App to use an Azure Blob Storage trigger.

C. Use a Consumption plan. Configure the Function App to use a Timer trigger.

D. Use an App Service plan. Configure the Function App to use an Azure Blob Storage trigger.

E. Use a Consumption plan. Configure the Function App to use an Azure Blob Storage input trigger.

;BD &&You are preparing to deploy a website to an Azure Web App from a GitHub repository. The website includes static content generated by a script.

You plan to use the Azure Web App continuous deployment feature.

You need to run the static generation script before the website starts serving traffic.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Add the path to the static content generation tool to WEBSITE\_RUN\_FROM\_PACKAGE setting in the host.json file.

B. Add a PreBuild target in the websites csproj project file that runs the static content generation script.

C. Create a file named run.cmd in the folder /run that calls a script which generates the static content and deploys the website.

D. Create a file named .deployment in the root of the repository that calls a script which generates the static content and deploys the website.

;AD &&You are developing a web app that is protected by Azure Web Application Firewall (WAF). All traffic to the web app is routed through an Azure ApplicationGateway instance that is used by multiple web apps. The web app address is contoso.azurewebsites.net.

All traffic must be secured with SSL. The Azure Application Gateway instance is used by multiple web apps.

You need to configure the Azure Application Gateway for the web app.

Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. In the Azure Application Gateway's HTTP setting, enable the Use for App service setting.

B. Convert the web app to run in an Azure App service environment (ASE).

C. Add an authentication certificate for contoso.azurewebsites.net to the Azure Application Gateway.

D. In the Azure Application Gateway's HTTP setting, set the value of the Override backend path option to contoso22.azurewebsites.net.

;A &&You are developing a web application that runs as an Azure Web App. The web application stores data in Azure SQL Database and stores files in an AzureStorage account. The web application makes HTTP requests to external services as part of normal operations.

The web application is instrumented with Application Insights. The external services are OpenTelemetry compliant.

You need to ensure that the customer ID of the signed in user is associated with all operations throughout the overall system.

What should you do?

A. Add the customer ID for the signed in user to the CorrelationContext in the web application

B. On the current SpanContext, set the TraceId to the customer ID for the signed in user

C. Set the header Ocp-Apim-Trace to the customer ID for the signed in user

D. Create a new SpanContext with the TraceFlags value set to the customer ID for the signed in user

;AD &&You are developing an Azure Durable Function to manage an online ordering process.

The process must call an external API to gather product discount information.

You need to implement the Azure Durable Function.

Which Azure Durable Function types should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Orchestrator

B. Entity

C. Client

D. Activity

;A &&You develop Azure Durable Functions to manage vehicle loans.

The loan process includes multiple actions that must be run in a specified order. One of the actions includes a customer credit check process, which may require multiple days to process.

You need to implement Azure Durable Functions for the loan process.

Which Azure Durable Functions type should you use?

A. orchestrator

B. client

C. entity

D. activity

;AC &&You develop Azure Web Apps for a commercial diving company. Regulations require that all divers fill out a health questionnaire every 15 days after each diving job starts.

You need to configure the Azure Web Apps so that the instance count scales up when divers are filling out the questionnaire and scales down after they are complete.

You need to configure autoscaling.What are two possible auto scaling configurations to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Recurrence profile

B. CPU usage-based autoscaling

C. Fixed date profile

D. Predictive autoscaling

;B &&You are building a website that uses Azure Blob storage for data storage. You configure Azure Blob storage lifecycle to move all blobs to the archive tier after 30 days.Customers have requested a service-level agreement (SLA) for viewing data older than 30 days.

You need to document the minimum SLA for data recovery.

Which SLA should you use?

A. at least two days

B. between one and 15 hours

C. at least one day

D. between zero and 60 minutes

;A &&You develop Azure solutions.

A .NET application needs to receive a message each time an Azure virtual machine finishes processing data. The messages must NOT persist after being processed by the receiving application.

You need to implement the .NET object that will receive the messages.

Which object should you use?

A. QueueClient

B. SubscriptionClient

C. TopicClient

D. CloudQueueClient

;C &&You develop Azure solutions.

You must connect to a No-SQL globally-distributed database by using the .NET API.

You need to create an object to configure and execute requests in the database.

Which code segment should you use?

A. new Container(EndpointUri, PrimaryKey);

B. new Database(EndpointUri, PrimaryKey);

C. new CosmosClient(EndpointUri, PrimaryKey);

;A &&You have an existing Azure storage account that stores large volumes of data across multiple containers.

You need to copy all data from the existing storage account to a new storage account. The copy process must meet the following requirements:

✑ Automate data movement.

✑ Minimize user input required to perform the operation.

✑ Ensure that the data movement process is recoverable.

What should you use?

A. AzCopy

B. Azure Storage Explorer

C. Azure portal

D. .NET Storage Client Library

;DE &&You are developing an Azure Cosmos DB solution by using the Azure Cosmos DB SQL API. The data includes millions of documents. Each document may contain hundreds of properties.

The properties of the documents do not contain distinct values for partitioning. Azure Cosmos DB must scale individual containers in the database to meet the performance needs of the application by spreading the workload evenly across all partitions over time.

You need to select a partition key.

Which two partition keys can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. a single property value that does not appear frequently in the documents

B. a value containing the collection name

C. a single property value that appears frequently in the documents

D. a concatenation of multiple property values with a random suffix appended

E. a hash suffix appended to a property value

;A &&You develop and deploy a web application to Azure App Service. The application accesses data stored in an Azure Storage account. The account contains several containers with several blobs with large amounts of data. You deploy all Azure resources to a single region.

You need to move the Azure Storage account to the new region. You must copy all data to the new region.

What should you do first?

A. Export the Azure Storage account Azure Resource Manager template

B. Initiate a storage account failover

C. Configure object replication for all blobs

D. Use the AzCopy command line tool

E. Create a new Azure Storage account in the current region

F. Create a new subscription in the current region

;D &&An organization deploys Azure Cosmos DB.

You need to ensure that the index is updated as items are created, updated, or deleted.

What should you do?

A. Set the indexing mode to Lazy.

B. Set the value of the automatic property of the indexing policy to False.

C. Set the value of the EnableScanInQuery option to True.

D. Set the indexing mode to Consistent.

;CD &&You are developing a .Net web application that stores data in Azure Cosmos DB. The application must use the Core API and allow millions of reads and writes.The Azure Cosmos DB account has been created with multiple write regions enabled. The application has been deployed to the East US2 and Central US regions.

You need to update the application to support multi-region writes.

What are two possible ways to achieve this goal? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Update the ConnectionPolicy class for the Cosmos client and populate the PreferredLocations property based on the geo-proximity of the application.

B. Update Azure Cosmos DB to use the Strong consistency level. Add indexed properties to the container to indicate region.

C. Update the ConnectionPolicy class for the Cosmos client and set the UseMultipleWriteLocations property to true.

D. Create and deploy a custom conflict resolution policy.

E. Update Azure Cosmos DB to use the Session consistency level. Send the SessionToken property value from the FeedResponse object of the write action to the end-user by using a cookie.

;AD &&You are developing an application to store business-critical data in Azure Blob storage.

The application must meet the following requirements:

• Data must not be modified or deleted for a user-specified interval.

• Data must be protected from overwrites and deletes.

• Data must be written once and allowed to be read many times.

You need to protect the data in the Azure Blob storage account.

Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Configure a time-based retention policy for the storage account.

B. Create an account shared-access signature (SAS).

C. Enable the blob change feed for the storage account.

D. Enable version-level immutability support for the storage account.

E. Enable point-in-time restore for containers in the storage account.

F. Create a service shared-access signature (SAS).

;CD &&You are updating an application that stores data on Azure and uses Azure Cosmos DB for storage. The application stores data in multiple documents associated with a single username.

The application requires the ability to update multiple documents for a username in a single ACID operation.

You need to configure Azure Cosmos DB.

Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Create a collection sharded on username to store documents.

B. Configure Azure Cosmos DB to use the Gremlin API.

C. Create an unsharded collection to store documents.

D. Configure Azure Cosmos DB to use the MongoDB API.

;B &&You develop Azure solutions.

You must connect to a No-SQL globally-distributed database by using the .NET API.

You need to create an object to configure and execute requests in the database.

Which code segment should you use?

A. database\_name = 'MyDatabase'database = client.create\_database\_if\_not\_exists(id=database\_name)

B. client = CosmosClient(endpoint, key)

C. container\_name = 'MyContainer'container = database.create\_container\_if\_not\_exists(id=container\_name, partition\_key=PartitionKey(path="/lastName"), offer\_throughput=400 )

;C &&You are developing a Java application that uses Cassandra to store key and value data. You plan to use a new Azure Cosmos DB resource and the CassandraAPI in the application. You create an Azure Active Directory (Azure AD) group named Cosmos DB Creators to enable provisioning of Azure Cosmos accounts, databases, and containers.

The Azure AD group must not be able to access the keys that are required to access the data.

You need to restrict access to the Azure AD group.

Which role-based access control should you use?

A. DocumentDB Accounts Contributor

B. Cosmos Backup Operator

C. Cosmos DB Operator

D. Cosmos DB Account Reader

;AD &&You provide an Azure API Management managed web service to clients. The back-end web service implements HTTP Strict Transport Security (HSTS).Every request to the backend service must include a valid HTTP authorization header.

You need to configure the Azure API Management instance with an authentication policy.

Which two policies can you use? Each correct answer presents a complete solution.NOTE: Each correct selection is worth one point.

A. Basic Authentication

B. Digest Authentication

C. Certificate Authentication

D. OAuth Client Credential Grant

;A &&You have an application that includes an Azure Web app and several Azure Function apps. Application secrets including connection strings and certificates are stored in Azure Key Vault.

Secrets must not be stored in the application or application runtime environment. Changes to Azure Active Directory (Azure AD) must be minimized.

You need to design the approach to loading application secrets.

What should you do?

A. Create a single user-assigned Managed Identity with permission to access Key Vault and configure each App Service to use that Managed Identity.

B. Create a single Azure AD Service Principal with permission to access Key Vault and use a client secret from within the App Services to access Key Vault.

C. Create a system assigned Managed Identity in each App Service with permission to access Key Vault.

D. Create an Azure AD Service Principal with Permissions to access Key Vault for each App Service and use a certificate from within the App Services to access Key Vault.

;C &&Your company is developing an Azure API hosted in Azure.

You need to implement authentication for the Azure API to access other Azure resources. You have the following requirements:

✑ All API calls must be authenticated.

✑ Callers to the API must not send credentials to the API.

Which authentication mechanism should you use?

A. Basic

B. Anonymous

C. Managed identity

D. Client certificate

;B &&You develop an app that allows users to upload photos and videos to Azure storage. The app uses a storage REST API call to upload the media to a blob storage account named Account1. You have blob storage containers named Container1 and Container2.

Uploading of videos occurs on an irregular basis.

You need to copy specific blobs from Container1 to Container2 when a new video is uploaded.

What should you do?

A. Copy blobs to Container2 by using the Put Blob operation of the Blob Service REST API

B. Create an Event Grid topic that uses the Start-AzureStorageBlobCopy cmdlet

C. Use AzCopy with the Snapshot switch to copy blobs to Container2

D. Download the blob to a virtual machine and then upload the blob to Container2

;A &&You are developing an ASP.NET Core website that uses Azure FrontDoor. The website is used to build custom weather data sets for researchers. Data sets are downloaded by users as Comma Separated Value (CSV) files. The data is refreshed every 10 hours.

Specific files must be purged from the FrontDoor cache based upon Response Header values.

You need to purge individual assets from the Front Door cache.

Which type of cache purge should you use?

A. single path

B. wildcard

C. root domain

;C &&Your company is developing an Azure API.

You need to implement authentication for the Azure API. You have the following requirements:

✑ All API calls must be secure.

✑ Callers to the API must not send credentials to the API.

Which authentication mechanism should you use?

A. Basic

B. Anonymous

C. Managed identity

D. Client certificate

;D &&You are a developer for a SaaS company that offers many web services.

All web services for the company must meet the following requirements:

✑ Use API Management to access the services

✑ Use OpenID Connect for authentication

✑ Prevent anonymous usage

A recent security audit found that several web services can be called without any authentication.

Which API Management policy should you implement?

A. jsonp

B. authentication-certificate

C. check-header

D. validate-jwt

;AB &&You are developing an Azure App Service REST API.

The API must be called by an Azure App Service web app. The API must retrieve and update user profile information stored in Azure Active Directory (Azure AD).

You need to configure the API to make the updates.Which two tools should you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Microsoft Graph API

B. Microsoft Authentication Library (MSAL)

C. Azure API Management

D. Microsoft Azure Security Center

E. Microsoft Azure Key Vault SDK

;AD &&You develop a REST API. You implement a user delegation SAS token to communicate with Azure Blob storage.

The token is compromised.

You need to revoke the token.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Revoke the delegation key.

B. Delete the stored access policy.

C. Regenerate the account key.

D. Remove the role assignment for the security principle.

;A &&You develop and deploy an Azure Logic app that calls an Azure Function app. The Azure Function app includes an OpenAPI (Swagger) definition and uses anAzure Blob storage account. All resources are secured by using Azure Active Directory (Azure AD).

The Azure Logic app must securely access the Azure Blob storage account. Azure AD resources must remain if the Azure Logic app is deleted.

You need to secure the Azure Logic app.

What should you do?

A. Create a user-assigned managed identity and assign role-based access controls.

B. Create an Azure AD custom role and assign the role to the Azure Blob storage account.

C. Create an Azure Key Vault and issue a client certificate.

D. Create a system-assigned managed identity and issue a client certificate.

E. Create an Azure AD custom role and assign role-based access controls.

;CD &&You are developing a solution that will use a multi-partitioned Azure Cosmos DB database. You plan to use the latest Azure Cosmos DB SDK for development.

The solution must meet the following requirements:

✑ Send insert and update operations to an Azure Blob storage account.

✑ Process changes to all partitions immediately.

✑ Allow parallelization of change processing.

You need to process the Azure Cosmos DB operations.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create an Azure App Service API and implement the change feed estimator of the SDK. Scale the API by using multiple Azure App Service instances.

B. Create a background job in an Azure Kubernetes Service and implement the change feed feature of the SDK.

C. Create an Azure Function to use a trigger for Azure Cosmos DB. Configure the trigger to connect to the container.

D. Create an Azure Function that uses a FeedIterator object that processes the change feed by using the pull model on the container. Use a FeedRange object to parallelize the processing of the change feed across multiple functions.

;B &&You deploy an Azure App Service web app. You create an app registration for the app in Azure Active Directory (Azure AD) and Twitter.

The app must authenticate users and must use SSL for all communications. The app must use Twitter as the identity provider.

You need to validate the Azure AD request in the app code.

What should you validate?

A. ID token header

B. ID token signature

C. HTTP response code

D. Tenant ID

;A &&A development team is creating a new REST API. The API will store data in Azure Blob storage. You plan to deploy the API to Azure App Service.

Developers must access the Azure Blob storage account to develop the API for the next two months. The Azure Blob storage account must not be accessible by the developers after the two-month time period.

You need to grant developers access to the Azure Blob storage account.

What should you do?

A. Generate a shared access signature (SAS) for the Azure Blob storage account and provide the SAS to all developers.

B. Create and apply a new lifecycle management policy to include a last accessed date value. Apply the policy to the Azure Blob storage account.

C. Provide all developers with the access key for the Azure Blob storage account. Update the API to include the Coordinated Universal Time (UTC) timestamp for the request header.

D. Grant all developers access to the Azure Blob storage account by assigning role-based access control (RBAC) roles.

;BC &&You have a new Azure subscription. You are developing an internal website for employees to view sensitive data. The website uses Azure Active Directory (AzureAD) for authentication.

You need to implement multifactor authentication for the website.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Configure the website to use Azure AD B2C.

B. In Azure AD, create a new conditional access policy.

C. Upgrade to Azure AD Premium.

D. In Azure AD, enable application proxy.

E. In Azure AD conditional access, enable the baseline policy.

;A &&You manage a data processing application that receives requests from an Azure Storage queue.

You need to manage access to the queue. You have the following requirements:

✑ Provide other applications access to the Azure queue.

✑ Ensure that you can revoke access to the queue without having to regenerate the storage account keys.

✑ Specify access at the queue level and not at the storage account level.Which type of shared access signature (SAS) should you use?

A. Service SAS with a stored access policy

B. Account SAS

C. User Delegation SAS

D. Service SAS with ad hoc SAS

;C &&You are building a web application that uses the Microsoft identity platform for user authentication.

You are implementing user identification for the web application.

You need to retrieve a claim to uniquely identify a user.

Which claim type should you use?

A. aud

B. nonce

C. oid

D. idp

;D &&You are developing an Azure Function that calls external APIs by providing an access token for the API. The access token is stored in a secret named token in anAzure Key Vault named mykeyvault.

You need to ensure the Azure Function can access to the token. Which value should you store in the Azure Function App configuration?

A. KeyVault:mykeyvault;Secret:token

B. App:Settings:Secret:mykeyvault:token

C. AZUREKVCONNSTR\_ https://mykeyveult.vault.ezure.net/secrets/token/

D. @Microsoft.KeyVault(SecretUri=https://mykeyvault.vault.azure.net/secrets/token/)

;A &&A company maintains multiple web and mobile applications. Each application uses custom in-house identity providers as well as social identity providers.

You need to implement single sign-on (SSO) for all the applications.

What should you do?

A. Use Azure Active Directory B2C (Azure AD B2C) with custom policies.

B. Use Azure Active Directory B2B (Azure AD B2B) and enable external collaboration.

C. Use Azure Active Directory B2C (Azure AD B2C) with user flows.

D. Use Azure Active Directory B2B (Azure AD B2B).

;AE &&You develop a Python application for image rendering that uses GPU resources to optimize rendering processes. You deploy the application to an AzureContainer Instances (ACI) Linux container.

The application requires a secret value to be passed when the container is started. The value must only be accessed from within the container.

You need to pass the secret value.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Create an environment variable Set the secureValue property to the secret value.

B. Add the secret value to the container image. Use a managed identity.

C. Add the secret value to the application code Set the container startup command.

D. Add the secret value to an Azure Blob storage account. Generate a SAS token.

E. Mount a secret volume containing the secret value in a secrets file.

;A &&You are developing a user portal for a company.

You need to create a report for the portal that lists information about employees who are subject matter experts for a specific topic. You must ensure that administrators have full control and consent over the data.

Which technology should you use?

A. Microsoft Graph data connect

B. Microsoft Graph API

C. Microsoft Graph connectors

;E &&You are developing a web application that uses the Microsoft identity platform for user and resource authentication. The web application calls several REST APIs.

A REST API call must read the user's calendar. The web application requires permission to send an email as the user.

You need to authorize the web application and the API.

Which parameter should you use?

A. tenant

B. code\_challenge

C. state

D. client\_id

E. scope

;D &&You develop and deploy an Azure App Service web app named App1. You create a new Azure Key Vault named Vault1. You import several API keys, passwords, certificates, and cryptographic keys into Vault1.

You need to grant App1 access to Vault1 and automatically rotate credentials. Credentials must not be stored in code.

What should you do?

A. Enable App Service authentication for Appl. Assign a custom RBAC role to Vault1.

B. Add a TLS/SSL binding to App1.

C. Upload a self-signed client certificate to Vault1. Update App1 to use the client certificate.

D. Assign a managed identity to App1.

;B &&You are developing a Java application to be deployed in Azure. The application stores sensitive data in Azure Cosmos DB.

You need to configure Always Encrypted to encrypt the sensitive data inside the application.

What should you do first?

A. Create a new container to include an encryption policy with the JSON properties to be encrypted.

B. Create a customer-managed key (CMK) and store the key in a new Azure Key Vault instance.

C. Create a data encryption key (DEK) by using the Azure Cosmos DB SDK and store the key in Azure Cosmos DB.

D. Create an Azure AD managed identity and assign the identity to a new Azure Key Vault instance.

;A &&You develop a gateway solution for a public facing news API. The news API back end is implemented as a RESTful service and uses an OpenAPI specification.

You need to ensure that you can access the news API by using an Azure API Management service instance.

Which Azure PowerShell command should you run?

A. Import-AzureRmApiManagementApi -Context $ApiMgmtContext -SpecificationFormat "Swagger" -SpecificationPath $SwaggerPath -Path $Path

B. New-AzureRmApiManagementBackend -Context $ApiMgmtContext -Url $Url -Protocol http

C. New-AzureRmApiManagement -ResourceGroupName $ResourceGroup -Name $Name ג€"Location $Location -Organization $Org -AdminEmail $AdminEmail

D. New-AzureRmApiManagementBackendProxy -Url $ApiUrl

;AD &&You are creating a hazard notification system that has a single signaling server which triggers audio and visual alarms to start and stop.

You implement Azure Service Bus to publish alarms. Each alarm controller uses Azure Service Bus to receive alarm signals as part of a transaction. Alarm events must be recorded for audit purposes. Each transaction record must include information about the alarm type that was activated.

You need to implement a reply trail auditing solution.

Which two actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Assign the value of the hazard message SessionID property to the ReplyToSessionId property.

B. Assign the value of the hazard message MessageId property to the DevileryCount property.

C. Assign the value of the hazard message SessionID property to the SequenceNumber property.

D. Assign the value of the hazard message MessageId property to the CorrelationId property.

E. Assign the value of the hazard message SequenceNumber property to the DeliveryCount property.

F. Assign the value of the hazard message MessageId property to the SequenceNumber property.

;A &&You are developing an Azure function that connects to an Azure SQL Database instance. The function is triggered by an Azure Storage queue.

You receive reports of numerous System.InvalidOperationExceptions with the following message:

`Timeout expired. The timeout period elapsed prior to obtaining a connection from the pool. This may have occurred because all pooled connections were in use and max pool size was reached.`

You need to prevent the exception.

What should you do?

A. In the host.json file, decrease the value of the batchSize option

B. Convert the trigger to Azure Event Hub

C. Convert the Azure Function to the Premium plan

D. In the function.json file, change the value of the type option to queueScaling

;BC &&You develop and deploy an ASP.NET web app to Azure App Service. You use Application Insights telemetry to monitor the app.

You must test the app to ensure that the app is available and responsive from various points around the world and at regular intervals. If the app is not responding, you must send an alert to support staff.

You need to configure a test for the web app.

Which two test types can you use? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. integration

B. multi-step web

C. URL ping

D. unit

E. load

;B &&You are developing applications for a company. You plan to host the applications on Azure App Services.

The company has the following requirements:

✑ Every five minutes verify that the websites are responsive.

✑ Verify that the websites respond within a specified time threshold. Dependent requests such as images and JavaScript files must load properly.

✑ Generate alerts if a website is experiencing issues.

✑ If a website fails to load, the system must attempt to reload the site three more times.

You need to implement this process with the least amount of effort.

What should you do?

A. Create a Selenium web test and configure it to run from your workstation as a scheduled task.

B. Set up a URL ping test to query the home page.

C. Create an Azure function to query the home page.

D. Create a multi-step web test to query the home page.

E. Create a Custom Track Availability Test to query the home page.

;B &&You develop and add several functions to an Azure Function app that uses the latest runtime host. The functions contain several REST API endpoints secured by using SSL. The Azure Function app runs in a Consumption plan.

You must send an alert when any of the function endpoints are unavailable or responding too slowly.

You need to monitor the availability and responsiveness of the functions.What should you do?

A. Create a URL ping test.

B. Create a timer triggered function that calls TrackAvailability() and send the results to Application Insights.

C. Create a timer triggered function that calls GetMetric("Request Size") and send the results to Application Insights.

D. Add a new diagnostic setting to the Azure Function app. Enable the FunctionAppLogs and Send to Log Analytics options.

;AC &&You develop and deploy an Azure App Service web app. The app is deployed to multiple regions and uses Azure Traffic Manager. Application Insights is enabled for the app.

You need to analyze app uptime for each month.

Which two solutions will achieve the goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

A. Azure Monitor logs

B. Application Insights alerts

C. Azure Monitor metrics

D. Application Insights web tests

;BD &&You are developing an ASP.NET Core Web API web service. The web service uses Azure Application Insights for all telemetry and dependency tracking. The web service reads and writes data to a database other than Microsoft SQL Server.

You need to ensure that dependency tracking works for calls to the third-party database.

Which two dependency telemetry properties should you use? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Telemetry.Context.Cloud.RoleInstance

B. Telemetry.Id

C. Telemetry.Name

D. Telemetry.Context.Operation.Id

E. Telemetry.Context.Session.Id

;A &&You are using Azure Front Door Service.

You are expecting inbound files to be compressed by using Brotli compression. You discover that inbound XML files are not compressed. The files are 9 megabytes (MB) in size.

You need to determine the root cause for the issue.

The file MIME type is supported by the service .

A. Yes

B. No

;B &&You are using Azure Front Door Service.

You are expecting inbound files to be compressed by using Brotli compression. You discover that inbound XML files are not compressed. The files are 9 megabytes (MB) in size.

You need to determine the root cause for the issue.

Edge nodes must be purged of all cache assets.

A. Yes

B. No

;A &&You are using Azure Front Door Service.

You are expecting inbound files to be compressed by using Brotli compression. You discover that inbound XML files are not compressed. The files are 9 megabytes (MB) in size.

You need to determine the root cause for the issue.

The compression type is supported

A. Yes

B. No

;BC &&You are developing a web application that uses Azure Cache for Redis. You anticipate that the cache will frequently fill and that you will need to evict keys.

You must configure Azure Cache for Redis based on the following predicted usage pattern: A small subset of elements will be accessed much more often than the rest.You need to configure the Azure Cache for Redis to optimize performance for the predicted usage pattern.

Which two eviction policies will achieve the goal?NOTE: Each correct selection is worth one point.

A. noeviction

B. allkeys-lru

C. volatile-lru

D. allkeys-random

E. volatile-ttl

F. volatile-random

;B &&An organization hosts web apps in Azure. The organization uses Azure Monitor.

You discover that configuration changes were made to some of the web apps.

You need to identify the configuration changes.

Which Azure Monitor log should you review?

A. AppServiceAppLogs

B. AppServiceEnvironmentPlatformlogs

C. AppServiceConsoleLogs

D. AppServiceAuditLogs

;C &&You develop and deploy an Azure App Service web app to a production environment. You enable the Always On setting and the Application Insights site extensions.You deploy a code update and receive multiple failed requests and exceptions in the web app.

You need to validate the performance and failure counts of the web app in near real time.

Which Application Insights tool should you use?

A. Profiler

B. Smart Detection

C. Live Metrics Stream

D. Application Map

E. Snapshot Debugger

;BD &&You are building a web application that performs image analysis on user photos and returns metadata containing objects identified. The image analysis is very costly in terms of time and compute resources. You are planning to use Azure Redis Cache so duplicate uploads do not need to be reprocessed.

In case of an Azure data center outage, metadata loss must be kept to a minimum.

You need to configure the Azure Redis cache instance.

Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Configure Azure Redis with AOF persistence.

B. Configure Azure Redis with RDB persistence.

C. Configure second storage account for persistence.

D. Set backup frequency to the minimum value.

;A &&You are developing an Azure-based web application. The application goes offline periodically to perform offline data processing. While the application is offline, numerous Azure Monitor alerts fire which result in the on-call developer being paged.

The application must always log when the application is offline for any reason.

You need to ensure that the on-call developer is not paged during offline processing.

What should you do?

A. Add Azure Monitor alert processing rules to suppress notifications.

B. Disable Azure Monitor Service Health Alerts during offline processing.

C. Create an Azure Monitor Metric Alert.

D. Build an Azure Monitor action group that suppresses the alerts.

;A &&You are developing an online game that includes a feature that allows players to interact with other players on the same team within a certain distance. The calculation to determine the players in range occurs when players move and are cached in an Azure Cache for Redis instance.

The system should prioritize players based on how recently they have moved and should not prioritize players who have logged out of the game.

You need to select an eviction policy.

Which eviction policy should you use?

A. allkeys-Iru

B. volatile-Iru

C. allkeys-lfu

D. volatile-ttl

;C &&You develop an Azure App Service web app and deploy to a production environment. You enable Application Insights for the web app.

The web app is throwing multiple exceptions in the environment.

You need to examine the state of the source code and variables when the exceptions are thrown.

Which Application Insights feature should you configure?

A. Smart detection

B. Profiler

C. Snapshot Debugger

D. Standard test

;AB &&You develop an ASP.NET Core app that uses Azure App Configuration. You also create an App Configuration containing 100 settings.

The app must meet the following requirements:

• Ensure the consistency of all configuration data when changes to individual settings occur.

• Handle configuration data changes dynamically without causing the application to restart.

• Reduce the overall number of requests made to App Configuration APIs.

You must implement dynamic configuration updates in the app.

What are two ways to achieve this goal? Each correct answer presents part of the solution.

A. Create and register a sentinel key in the App Configuration store. Set the refreshAll parameter of the Register method to true.

B. Increase the App Configuration cache expiration from the default value.

C. Decrease the App Configuration cache expiration from the default value.

D. Create and configure Azure Key Vault. Implement the Azure Key Vault configuration provider.

E. Register all keys in the App Configuration store. Set the refreshAll parameter of the Register method to false.

F. Create and implement environment variables for each App Configuration store setting.

;B &&You are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.

You need to implement a solution to receive the device data.

Solution: Provision an Azure Service Bus. Configure a topic to receive the device data by using a correlation filter.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.

You need to implement a solution to receive the device data.

Solution: Provision an Azure Event Grid. Configure event filtering to evaluate the device identifier.

Does the solution meet the goal?

A. Yes

B. No

;A &&A company is developing a solution that allows smart refrigerators to send temperature information to a central location.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CLI or PowerShell command should you run?

;C &&A company is developing a solution that allows smart refrigerators to send temperature information to a central location.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CLI or PowerShell command should you run?

;B &&You are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.

You have the following requirements:

✑ Queue size must not grow larger than 80 gigabytes (GB).

✑ Use first-in-first-out (FIFO) ordering of messages.

✑ Minimize Azure costs.

You need to implement the messaging solution.

Solution: Use the .Net API to add a message to an Azure Storage Queue from the mobile application. Create an Azure Function App that uses an Azure Storage Queue trigger.

Does the solution meet the goal?

A. Yes

B. No

;AB &&You are developing an Azure messaging solution.

You need to ensure that the solution meets the following requirements:

✑ Provide transactional support.

✑ Provide duplicate detection.

✑ Store the messages for an unlimited period of time.Which two technologies will meet the requirements? Each correct answer presents a complete solution.

A. Azure Service Bus Topic

B. Azure Service Bus Queue

C. Azure Storage Queue

D. Azure Event Hub

;AC &&You are developing a solution that will use Azure messaging services.

You need to ensure that the solution uses a publish-subscribe model and eliminates the need for constant polling.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.

A. Service Bus

B. Event Hub

C. Event Grid

D. Queue

;D &&A company is implementing a publish-subscribe (Pub/Sub) messaging component by using Azure Service Bus. You are developing the first subscription application.

In the Azure portal you see that messages are being sent to the subscription for each topic. You create and initialize a subscription client object by supplying the correct details, but the subscription application is still not consuming the messages.

You need to ensure that the subscription client processes all messages.

Which code segment should you use?

A. await subscriptionClient.AddRuleAsync(new RuleDescription(RuleDescription.DefaultRuleName, new TrueFilter()));

B. subscriptionClient = new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName);

C. await subscriptionClient.CloseAsync();

D. subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync, messageHandlerOptions);

;B &&You are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.

You have the following requirements:

✑ Queue size must not grow larger than 80 gigabytes (GB).

✑ Use first-in-first-out (FIFO) ordering of messages.

✑ Minimize Azure costs.You need to implement the messaging solution.

Solution: Use the .Net API to add a message to an Azure Storage Queue from the mobile application. Create an Azure VM that is triggered from Azure StorageQueue events.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.

You have the following requirements:

✑ Queue size must not grow larger than 80 gigabytes (GB).

✑ Use first-in-first-out (FIFO) ordering of messages.

✑ Minimize Azure costs.You need to implement the messaging solution.

Solution: Use the .Net API to add a message to an Azure Service Bus Queue from the mobile application. Create an Azure Windows VM that is triggered fromAzure Service Bus Queue.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.

You need to implement a solution to receive the device data.

Solution: Provision an Azure Event Hub. Configure the machine identifier as the partition key and enable capture.

Does the solution meet the goal?

A. Yes

B. No

;C &&You are creating an app that will use CosmosDB for data storage. The app will process batches of relational data.

You need to select an API for the app.

Which API should you use?

A. MongoDB API

B. Table API

C. SQL API

D. Cassandra API

;C &&You are developing an e-commerce solution that uses a microservice architecture.

You need to design a communication backplane for communicating transactional messages between various parts of the solution. Messages must be communicated in first-in-first-out (FIFO) order.

What should you use?

A. Azure Storage Queue

B. Azure Event Hub

C. Azure Service Bus

D. Azure Event Grid

;A &&You are developing an Azure Service application that processes queue data when it receives a message from a mobile application. Messages may not be sent to the service consistently.

You have the following requirements:

✑ Queue size must not grow larger than 80 gigabytes (GB).

✑ Use first-in-first-out (FIFO) ordering of messages.

✑ Minimize Azure costs.You need to implement the messaging solution.

Solution: Use the .Net API to add a message to an Azure Service Bus Queue from the mobile application. Create an Azure Function App that uses an Azure Service Bus Queue trigger.

Does the solution meet the goal?

A. Yes

B. No

;B &&You are developing an Azure solution to collect point-of-sale (POS) device data from 2,000 stores located throughout the world. A single device can produce 2 megabytes (MB) of data every 24 hours. Each store location has one to five devices that send data.

You must store the device data in Azure Blob storage. Device data must be correlated based on a device identifier. Additional stores are expected to open in the future.

You need to implement a solution to receive the device data.

Solution: Provision an Azure Notification Hub. Register all devices with the hub.

Does the solution meet the goal?

A. Yes

B. No

;A &&You are building a loyalty program for a major snack producer. When customers buy a snack at any of 100 participating retailers the event is recorded in AzureEvent Hub. Each retailer is given a unique identifier that is used as the primary identifier for the loyalty program.

Retailers must be able to be added or removed at any time. Retailers must only be able to record sales for themselves.

You need to ensure that retailers can record sales.What should you do?

A. Use publisher policies for retailers.

B. Create a partition for each retailer.

C. Define a namespace for each retailer.

;AC &&You develop a solution that uses Azure Virtual Machines (VMs).

The VMs contain code that must access resources in an Azure resource group. You grant the VM access to the resource group in Resource Manager.

You need to obtain an access token that uses the VM's system-assigned managed identity.

Which two actions should you perform? Each correct answer presents part of the solution.

A. From the code on the VM, call Azure Resource Manager using an access token.

B. Use PowerShell on a remote machine to make a request to the local managed identity for Azure resources endpoint.

C. Use PowerShell on the VM to make a request to the local managed identity for Azure resources endpoint.

D. From the code on the VM, call Azure Resource Manager using a SAS token.

E. From the code on the VM, generate a user delegation SAS token.

;D &&You are developing a road tollway tracking application that sends tracking events by using Azure Event Hubs using premium tier.

Each road must have a throttling policy uniquely assigned.

You need to configure the event hub to allow for per-road throttling.

What should you do?

A. Use a unique consumer group for each road.

B. Ensure each road stores events in a different partition.

C. Ensure each road has a unique connection string.

D. Use a unique application group for each road.

;CDE &&You develop and deploy an ASP.NET Core application that connects to an Azure Database for MySQL instance.

Connections to the database appear to drop intermittently and the application code does not handle the connection failure.

You need to handle the transient connection errors in code by implementing retries.

What are three possible ways to achieve this goal? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Close the database connection and immediately report an error.

B. Disable connection pooling and configure a second Azure Database for MySQL instance.

C. Wait five seconds before repeating the connection attempt to the database.

D. Set a maximum number of connection attempts to 10 and report an error on subsequent connections.

E. Increase connection repeat attempts exponentially up to 120 seconds.

;A &&You are building a B2B web application that uses Azure B2B collaboration for authentication. Paying customers authenticate to Azure B2B using federation.The application allows users to sign up for trial accounts using any email address.When a user converts to a paying customer, the data associated with the trial should be kept, but the user must authenticate using federation.You need to update the user in Azure Active Directory (Azure AD) when they convert to a paying customer.Which Graph API parameter is used to change authentication from one-time passcodes to federation?

A. resetRedemption

B. Status

C. userFlowType

D. invitedUser

;B &&A company is developing a solution that allows smart refrigerators to send temperature information to a central location.

The solution must receive and store messages until they can be processed. You create an Azure Service Bus instance by providing a name, pricing tier, subscription, resource group, and location.

You need to complete the configuration.

Which Azure CLI or PowerShell command should you run?

;B &&You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue Storage.

You need to review the Azure Function App code shown below.

The code will log the time that the order was processed from the queue

A. Yes

B. No

;A &&You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue Storage.

You need to review the Azure Function App code shown below.

When the ProcessOrder function fails, the function will retry up to five times for a given order, including the first try

A. Yes

B. No

;A &&You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue Storage.

You need to review the Azure Function App code shown below.

When there are multiple orders in the queue, a batch of orders will be retrieved from the queue and the ProcessOrders function will run multiple instances concurrently to process the orders

A. Yes

B. No

;A &&You are developing an Azure Function App by using Visual Studio. The app will process orders input by an Azure Web App. The web app places the order information into Azure Queue Storage.

You need to review the Azure Function App code shown below.

The ProcessOrders function will output the order to an Orders table in Azure Table Storage

A. Yes

B. No

;B &&You create the following PowerShell script:

A log alert is created that sends an email when the CPU percentage is above 60 percent for five minutes

A. Yes

B. No

;A &&You create the following PowerShell script:

A log alert is created that sends an email when the number of virtual machine heartbeats in the past hour is less than five

A. Yes

B. No

;B &&You create the following PowerShell script:

The log alert is scheduled to run every two hours

A. Yes

B. No

;A &&You are developing a solution that uses the Azure Storage Client library for .NET. You have the following code: (Line numbers are included for reference only.)

The code creates an infinite lease

A. Yes

B. No

;B &&You are developing a solution that uses the Azure Storage Client library for .NET. You have the following code: (Line numbers are included for reference only.)

The code at line 06 always creates a new blob

A. Yes

B. No

;A &&You are developing a solution that uses the Azure Storage Client library for .NET. You have the following code: (Line numbers are included for reference only.)

The finally block releases the lease

A. Yes

B. No

;A &&You are developing an Azure-hosted e-commerce web application. The application will use Azure Cosmos DB to store sales orders. You are using the latest SDK to manage the sales orders in the database.

You create a new Azure Cosmos DB instance. You include a valid endpoint and valid authorization key to an appSettings.json file in the code project.

You are evaluating the following application code: (Line number are included for reference only.)

A database named SalesOrders is created. The database will include two containers

A. Yes

B. No

;A &&You are developing an Azure-hosted e-commerce web application. The application will use Azure Cosmos DB to store sales orders. You are using the latest SDK to manage the sales orders in the database.

You create a new Azure Cosmos DB instance. You include a valid endpoint and valid authorization key to an appSettings.json file in the code project.

You are evaluating the following application code: (Line number are included for reference only.)

Container1 will contain two times.

A. Yes

B. No

;A &&You are developing an Azure-hosted e-commerce web application. The application will use Azure Cosmos DB to store sales orders. You are using the latest SDK to manage the sales orders in the database.

You create a new Azure Cosmos DB instance. You include a valid endpoint and valid authorization key to an appSettings.json file in the code project.

You are evaluating the following application code: (Line number are included for reference only.)

Container2 will contain one time.

A. Yes

B. No

;A &&A company develops a series of mobile games. All games use a single leaderboard service.

You have the following requirements:

✑ Code must be scalable and allow for growth.

✑ Each record must consist of a playerId, gameId, score, and time played.

✑ When users reach a new high score, the system will save the new score using the SaveScore function below.

Each game is assigned an Id based on the series title.

You plan to store customer information in Azure Cosmos DB. The following data already exists in the database:

PartitionKey \_\_\_\_\_ RowKey \_\_\_\_\_ Email

Harp \_\_\_\_\_ Walter \_\_\_\_\_ wharp@contoso.com

Smith \_\_\_\_\_ Steve \_\_\_\_\_ ssmith@contoso.com

Smith \_\_\_\_\_ Jeff \_\_\_\_\_ jsmith@contoso.com

You develop the following code to save scores in the data store. (Line numbers are included for reference only.)

SaveScore will work with Cosmos DB

A. Yes

B. No

;B &&A company develops a series of mobile games. All games use a single leaderboard service.

You have the following requirements:

✑ Code must be scalable and allow for growth.

✑ Each record must consist of a playerId, gameId, score, and time played.

✑ When users reach a new high score, the system will save the new score using the SaveScore function below.

Each game is assigned an Id based on the series title.

You plan to store customer information in Azure Cosmos DB. The following data already exists in the database:

PartitionKey \_\_\_\_\_ RowKey \_\_\_\_\_ Email

Harp \_\_\_\_\_ Walter \_\_\_\_\_ wharp@contoso.com

Smith \_\_\_\_\_ Steve \_\_\_\_\_ ssmith@contoso.com

Smith \_\_\_\_\_ Jeff \_\_\_\_\_ jsmith@contoso.com

You develop the following code to save scores in the data store. (Line numbers are included for reference only.)

SaveScore will update and replace a record if one already exists with the same playerId and gameId

A. Yes

B. No

;B &&A company develops a series of mobile games. All games use a single leaderboard service.

You have the following requirements:

✑ Code must be scalable and allow for growth.

✑ Each record must consist of a playerId, gameId, score, and time played.

✑ When users reach a new high score, the system will save the new score using the SaveScore function below.

Each game is assigned an Id based on the series title.

You plan to store customer information in Azure Cosmos DB. The following data already exists in the database:

PartitionKey \_\_\_\_\_ RowKey \_\_\_\_\_ Email

Harp \_\_\_\_\_ Walter \_\_\_\_\_ wharp@contoso.com

Smith \_\_\_\_\_ Steve \_\_\_\_\_ ssmith@contoso.com

Smith \_\_\_\_\_ Jeff \_\_\_\_\_ jsmith@contoso.com

You develop the following code to save scores in the data store. (Line numbers are included for reference only.)

Leaderboard data for the game will be automatically partitioned using gameId

A. Yes

B. No

;A &&A company develops a series of mobile games. All games use a single leaderboard service.

You have the following requirements:

✑ Code must be scalable and allow for growth.

✑ Each record must consist of a playerId, gameId, score, and time played.

✑ When users reach a new high score, the system will save the new score using the SaveScore function below.

Each game is assigned an Id based on the series title.

You plan to store customer information in Azure Cosmos DB. The following data already exists in the database:

PartitionKey \_\_\_\_\_ RowKey \_\_\_\_\_ Email

Harp \_\_\_\_\_ Walter \_\_\_\_\_ wharp@contoso.com

Smith \_\_\_\_\_ Steve \_\_\_\_\_ ssmith@contoso.com

Smith \_\_\_\_\_ Jeff \_\_\_\_\_ jsmith@contoso.com

You develop the following code to save scores in the data store. (Line numbers are included for reference only.)

SaveScore will store the values for the gameId and playerId parameters in the database

A. Yes

B. No

;B &&You are developing an application that uses a premium block blob storage account. The application will process a large volume of transactions daily. You enableBlob storage versioning.

You are optimizing costs by automating Azure Blob Storage access tiers. You apply the following policy rules to the storage account. (Line numbers are included for reference only.)

Block blob prefixed with transactions will transition blobs that have not been modified in over 60 days to cool storage and delete blobs not modified in 365 days

A. Yes

B. No

;B &&You are developing an application that uses a premium block blob storage account. The application will process a large volume of transactions daily. You enableBlob storage versioning.

You are optimizing costs by automating Azure Blob Storage access tiers. You apply the following policy rules to the storage account. (Line numbers are included for reference only.)

Blobs are moved to cool storage if they have not been accessed for 60 days

A. Yes

B. No

;A &&You are developing an application that uses a premium block blob storage account. The application will process a large volume of transactions daily. You enableBlob storage versioning.

You are optimizing costs by automating Azure Blob Storage access tiers. You apply the following policy rules to the storage account. (Line numbers are included for reference only.)

The policy rule tiers previous versions within a container named transactions that are 60 days or older to the cool tier and deletes previous versions that are 365 days or older

A. Yes

B. No

;B &&You are developing an application that uses a premium block blob storage account. The application will process a large volume of transactions daily. You enableBlob storage versioning.

You are optimizing costs by automating Azure Blob Storage access tiers. You apply the following policy rules to the storage account. (Line numbers are included for reference only.)

Blobs will automatically be tiered from cool back to hot if accessed again after being tiered to cool

A. Yes

B. No

;A &&You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.

You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

Block blobs prefix with container1/salesorder or container2/inventory which have not been modified in over 60 days are moved to cool storage. Blobs that have not been modified in 120 days are moved to the archive tier

A. Yes

B. No

;A &&You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.

You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

Blobs are moved to cool storage if they have not been accessed for 30 days

A. Yes

B. No

;A &&You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.

You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

Blobs will automatically be tiered from cool back to hot if accessed again after being tiered to cool

A. Yes

B. No

;B &&You are developing an application that uses a premium block blob storage account. You are optimizing costs by automating Azure Blob Storage access tiers.

You apply the following policy rules to the storage account. You must determine the implications of applying the rules to the data. (Line numbers are included for reference only.)

All block blobs older than 730 days will be deleted

A. Yes

B. No

;B &&You have an Azure Web app that uses Cosmos DB as a data store. You create a CosmosDB container by running the following PowerShell script:

$resourceGroupName = "testResourceGroup"

$accountName = "testCosmosAccount"

$databaseName = "testDatabase"

$containerName = "testContainer"

$partitionKeyPath = "/EmployeeId"

$autoscaleMaxThroughput = 5000

New-AzCosmosDBSqlContainer --ResourceGroupName $resourceGroupName

-AccountName $accountName

-DatabaseName $databaseName

-Name $containerName

-PartitionKeyKind Hash

-PartitionKeyPath $partitionKeyPath

-AutoscaleMaxThroughput $autoscaleMaxThroughput

You create the following queries that target the container:

SELECT \* FROM c WHERE c.EmployeeId > '12345'

SELECT \* FROM c WHERE c.UserID = '12345'

The minimum throughput for the container is 400 R/Us

A. Yes

B. No

;B &&You have an Azure Web app that uses Cosmos DB as a data store. You create a CosmosDB container by running the following PowerShell script:

$resourceGroupName = "testResourceGroup"

$accountName = "testCosmosAccount"

$databaseName = "testDatabase"

$containerName = "testContainer"

$partitionKeyPath = "/EmployeeId"

$autoscaleMaxThroughput = 5000

New-AzCosmosDBSqlContainer --ResourceGroupName $resourceGroupName

-AccountName $accountName

-DatabaseName $databaseName

-Name $containerName

-PartitionKeyKind Hash

-PartitionKeyPath $partitionKeyPath

-AutoscaleMaxThroughput $autoscaleMaxThroughput

You create the following queries that target the container:

SELECT \* FROM c WHERE c.EmployeeId > '12345'

SELECT \* FROM c WHERE c.UserID = '12345'

The first query statement is an in-partition query

A. Yes

B. No

;A &&You have an Azure Web app that uses Cosmos DB as a data store. You create a CosmosDB container by running the following PowerShell script:

$resourceGroupName = "testResourceGroup"

$accountName = "testCosmosAccount"

$databaseName = "testDatabase"

$containerName = "testContainer"

$partitionKeyPath = "/EmployeeId"

$autoscaleMaxThroughput = 5000

New-AzCosmosDBSqlContainer --ResourceGroupName $resourceGroupName

-AccountName $accountName

-DatabaseName $databaseName

-Name $containerName

-PartitionKeyKind Hash

-PartitionKeyPath $partitionKeyPath

-AutoscaleMaxThroughput $autoscaleMaxThroughput

You create the following queries that target the container:

SELECT \* FROM c WHERE c.EmployeeId > '12345'

SELECT \* FROM c WHERE c.UserID = '12345'

The second query statement is a cross-partition query

A. Yes

B. No

;A &&You develop and deploy the following staticwebapp.config.json file to the app\_location value specified in the workflow file of an Azure Static Web app:

Unauthenticated users are challenged to authenticate with GitHub

A. Yes

B. No

;B &&You develop and deploy the following staticwebapp.config.json file to the app\_location value specified in the workflow file of an Azure Static Web app:

A non-existent file in the /images/ folder will generate a 404 response code

A. Yes

B. No

;A &&You develop and deploy the following staticwebapp.config.json file to the app\_location value specified in the workflow file of an Azure Static Web app:

HTTP GET method requests from authenticated users in the role named registeredusers are sent to API folder

A. Yes

B. No

;A &&You develop and deploy the following staticwebapp.config.json file to the app\_location value specified in the workflow file of an Azure Static Web app:

Authenticated users thaat are not in the role named registeredusers and unauthenticarted users are served a 401 HTTP error when accessing the API folder

A. Yes

B. No

;B &&You are developing an application that uses Azure Storage Queues.

You have the following code:

The code configures the lock duration for the queue

A. Yes

B. No

;A &&You are developing an application that uses Azure Storage Queues.

You have the following code:

The last message read remains in the queue after the code runs

A. Yes

B. No

;A &&You are developing an application that uses Azure Storage Queues.

You have the following code:

The last message read remains in the queue after the code runs

A. Yes

B. No

;A &&You are working for Contoso, Ltd.

You define an API Policy object by using the following XML markup:

The XML segments belong in the <inbound> section of the policy

A. Yes

B. No

;B &&You are working for Contoso, Ltd.

You define an API Policy object by using the following XML markup:

If the body size is > 256k, an error will occur

A. Yes

B. No

;B &&You are working for Contoso, Ltd.

You define an API Policy object by using the following XML markup:

If the request is http://contoso.com/api/9.2/, the policy will retain the higher version

A. Yes

B. No

;A &&You are configuring a development environment for your team. You deploy the latest Visual Studio image from the Azure Marketplace to your Azure subscription.

The development environment requires several software development kits (SDKs) and third-party components to support application development across the organization. You install and customize the deployed virtual machine (VM) for your development team. The customized VM must be saved to allow provisioning of a new team member development environment.

You need to save the customized VM for future provisioning. Which tools or services should you use? To answer, select the appropriate options in the answer area.

Generalize the VM:

A. Azure PowerShell

B. Visual Studio command prompt

C. Azure Migrate

D. Azure Backup

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The development environment requires several software development kits (SDKs) and third-party components to support application development across the organization. You install and customize the deployed virtual machine (VM) for your development team. The customized VM must be saved to allow provisioning of a new team member development environment.

You need to save the customized VM for future provisioning. Which tools or services should you use? To answer, select the appropriate options in the answer area.

Store images:

A. Azure Blob Storage

B. Azure Data Lake Storage

C. Azure File Storage

D. Azure Table Storage

;A &&You are developing an Azure Function App. You develop code by using a language that is not supported by the Azure Function App host. The code language supports HTTP primitives.

You must deploy the code to a production Azure Function App environment.

You need to configure the app for deployment.

Which configuration values should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Publish:

A. Code

B. Docker Container

;D &&You are developing an Azure Function App. You develop code by using a language that is not supported by the Azure Function App host. The code language supports HTTP primitives.

You must deploy the code to a production Azure Function App environment.

You need to configure the app for deployment.

Which configuration values should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Runtime stack:

A. Node.js

B. Python

C. PowerShell Core

D. Custom Handler

;C &&You are developing an Azure Function App. You develop code by using a language that is not supported by the Azure Function App host. The code language supports HTTP primitives.

You must deploy the code to a production Azure Function App environment.

You need to configure the app for deployment.

Which configuration values should you use? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

Version:

A. 14 LTS

B. 7.0

C. Custom

;C &&You are building a traffic monitoring system that monitors traffic along six highways. The system produces time series analysis-based reports for each highway.

Data from traffic sensors are stored in Azure Event Hub.

Traffic data is consumed by four departments. Each department has an Azure Web App that displays the time series-based reports and contains a WebJob that processes the incoming data from Event Hub. All Web Apps run on App Service Plans with three instances. Data throughput must be maximized. Latency must be minimized.

You need to implement the Azure Event Hub.

Number of partitions:

A. 3

B. 4

C. 6

D. 12

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Data from traffic sensors are stored in Azure Event Hub.

Traffic data is consumed by four departments. Each department has an Azure Web App that displays the time series-based reports and contains a WebJob that processes the incoming data from Event Hub. All Web Apps run on App Service Plans with three instances. Data throughput must be maximized. Latency must be minimized.

You need to implement the Azure Event Hub.

Partition Key:

A. Highway

B. Department

C. Timestamp

D. VM name

;A &&You are developing a microservices solution. You plan to deploy the solution to a multinode Azure Kubernetes Service (AKS) cluster

.You need to deploy a solution that includes the following features:

✑ reverse proxy capabilities

✑ configurable traffic routing

✑ TLS termination with a custom certificate

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Deploy solution:

A. Helm

B. Draft

C. Brigade

D. KubeCtl

E. Ingress Controller

F. CoreDNS

G. Virtual Kubelet

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.You need to deploy a solution that includes the following features:

✑ reverse proxy capabilities

✑ configurable traffic routing

✑ TLS termination with a custom certificate

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

View cluster and external IP addressing

A. Helm

B. Draft

C. Brigade

D. KubeCtl

E. Ingress Controller

F. CoreDNS

G. Virtual Kubelet

;E &&You are developing a microservices solution. You plan to deploy the solution to a multinode Azure Kubernetes Service (AKS) cluster

.You need to deploy a solution that includes the following features:

✑ reverse proxy capabilities

✑ configurable traffic routing

✑ TLS termination with a custom certificate

Which components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Implement a single, public IP endpoint that is routed to multiple microservices:

A. Helm

B. Draft

C. Brigade

D. KubeCtl

E. Ingress Controller

F. CoreDNS

G. Virtual Kubelet

;D &&You are developing a web application that will use Azure Storage. Older data will be less frequently used than more recent data.

You need to configure data storage for the application. You have the following requirements:

✑ Retain copies of data for five years.

✑ Minimize costs associated with storing data that is over one year old.

✑ Implement Zone Redundant Storage for application data.

What should you do? To answer, select the appropriate options in the answer area.

Configure an Azure Storage account:

A. Implement Blob Storage

B. Implement Azure Cosmos DB

C. Implement Storage (general purpose v1)

D. Implement StorageV2 (general purpose v2)

;B &&You are developing a web application that will use Azure Storage. Older data will be less frequently used than more recent data.

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✑ Retain copies of data for five years.

✑ Minimize costs associated with storing data that is over one year old.

✑ Implement Zone Redundant Storage for application data.

What should you do? To answer, select the appropriate options in the answer area.

Configure data retention

A. Snapshot blobs and move them to the archive tier

B. Set a lifecycle management policy to move blobs to the cool tier

C. Use AzCopy to copy the data to an on-premises device for backup

D. Set a lifecycle management policy to move blobs to the archive tier

;C &&You are developing an application to collect the following telemetry data for delivery drivers: first name, last name, package count, item id, and current location coordinates. The app will store the data in Azure Cosmos DB.

You need to configure Azure Cosmos DB to query the data.

Which values should you use? To answer, select the appropriate options in the answer area.

Azure Cosmos DB API

A. Gremlin

B. Table API

C. Core(SQL)

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You need to configure Azure Cosmos DB to query the data.

Which values should you use? To answer, select the appropriate options in the answer area.

Azure Cosmos DB partition key:

A. First name

B. Last name

C. Package count

D. Item id

;B &&You are developing a solution to store documents in Azure Blob storage. Customers upload documents to multiple containers. Documents consist of PDF, CSV,Microsoft Office format and plain text files.

The solution must process millions of documents across hundreds of containers. The solution must meet the following requirements:

✑ Documents must be categorized by a customer identifier as they are uploaded to the storage account.

✑ Allow filtering by the customer identifier

.✑ Allow searching of information contained within a document

✑ Minimize costs.

You create and configure a standard general-purpose v2 storage account to support the solution.

You need to implement the solution.

What should you implement? To answer, select the appropriate options in the answer area.

Search and filter by customer identifier:

A Azure Cognitive Search

B. Azure Blob index tags

C. Azure Blob inventory policy

D. Azure Blob metadata

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✑ Minimize costs.

You create and configure a standard general-purpose v2 storage account to support the solution.

You need to implement the solution.

What should you implement? To answer, select the appropriate options in the answer area.

Search information inside documents:

A Azure Cognitive Search

B. Azure Blob index tags

C. Azure Blob inventory policy

D. Azure Blob metadata

;A &&You are developing a web application by using the Azure SDK. The web application accesses data in a zone-redundant BlockBlobStorage storage account.

The application must determine whether the data has changed since the application last read the data. Update operations must use the latest data changes when writing data to the storage account.

You need to implement the update operations.

Which values should you use? To answer, select the appropriate option in the answer area.

HTTP Header value

A. ETag

B. Last Modified

C. VersionId

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The application must determine whether the data has changed since the application last read the data. Update operations must use the latest data changes when writing data to the storage account.

You need to implement the update operations.

Which values should you use? To answer, select the appropriate option in the answer area.

Conditional header:

A. If-Match

B. If-Modified-Since

C. If-None-Match

;D &&You implement an Azure solution to include Azure Cosmos DB, the latest Azure Cosmos DB SDK, and the Core (SQL) API. You also implement a change feed processor on a new container instance by using the Azure Functions trigger for Azure Cosmos DB.

A large batch of documents continues to fail when reading one of the documents in the batch. The same batch of documents is continuously retried by the triggered function and a new batch of documents must be read.

You need to implement the change feed processor to read the documents.

Which feature should you implement? To answer, select the appropriate features in the answer area

Read a new batch of documents while keeping track of the failing batch of documents

A. Lease container

B. Dead-letter queue

C. Life-cycle notifications

D. Change feed estimator

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A large batch of documents continues to fail when reading one of the documents in the batch. The same batch of documents is continuously retried by the triggered function and a new batch of documents must be read.

You need to implement the change feed processor to read the documents.

Which feature should you implement? To answer, select the appropriate features in the answer area

Handle errors in the change feed processor

A. Lease container

B. Dead-letter queue

C. Life-cycle notifications

D. Change feed estimator

;A &&You develop a containerized application. You plan to deploy the application to a new Azure Container instance by using a third-party continuous integration and continuous delivery (CI/CD) utility.

The deployment must be unattended and include all application assets. The third-party utility must only be able to push and pull images from the registry. The authentication must be managed by Azure Active Directory (Azure AD). The solution must use the principle of least privilege.

You need to ensure that the third-party utility can access the registry.

Which authentication options should you use? To answer, select the appropriate options in the answer area.

Registry authentication method:

A. Service principal

B. Individual identity

C. Repository-scoped access token

D. Managed identity for Azure resources

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You need to ensure that the third-party utility can access the registry.

Which authentication options should you use? To answer, select the appropriate options in the answer area.

RBAC role:

A. AcrPull

B. Owner

C. AcrPush

D. Contributor

;A &&You are developing an ASP.NET Core app that includes feature flags which are managed by Azure App Configuration. You create an Azure App Configuration store named AppFeatureflagStore as shown in the exhibit:

You must be able to use the feature in the app by using the following markup:You need to update the app to use the feature flag.

Which values should you use? To answer, select the appropriate options in the answer area.

Controller attribute:

A. FeatureGate

B. Route

C. ServiceFilter

D. TypeFilter

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You must be able to use the feature in the app by using the following markup:You need to update the app to use the feature flag.

Which values should you use? To answer, select the appropriate options in the answer area.

Startup method:

A. AddAzureAppConfiguration

B. AddControllersWithViews

C. AddUserSecrets

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You must be able to use the feature in the app by using the following markup:You need to update the app to use the feature flag.

Which values should you use? To answer, select the appropriate options in the answer area.

AppConfig endpoint setting:

A. https://appfeatureflagstore.azconfig.io

B. https://appfeatureflagstore.vault.azure.net

C. https://export.azconfig.io

D. https://export.vault.azure.net

;C &&You are developing an application to store and retrieve data in Azure Blob storage. The application will be hosted in an on-premises virtual machine (VM). TheVM is connected to Azure by using a Site-to-Site VPN gateway connection. The application is secured by using Azure Active Directory (Azure AD) credentials.

The application must be granted access to the Azure Blob storage account with a start time, expiry time, and read permissions. The Azure Blob storage account access must use the Azure AD credentials of the application to secure data access. Data access must be able to be revoked if the client application security is breached.

You need to secure the application access to Azure Blob storage.

Which security features should you use? To answer select the appropriate options in the answer area.

Application (Client):

A. Storage Account Access Key

B. System-assigned Managed Identity

C. Shared access signature (SAS) token

;A &&You are developing an application to store and retrieve data in Azure Blob storage. The application will be hosted in an on-premises virtual machine (VM). TheVM is connected to Azure by using a Site-to-Site VPN gateway connection. The application is secured by using Azure Active Directory (Azure AD) credentials.

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You need to secure the application access to Azure Blob storage.

Which security features should you use? To answer select the appropriate options in the answer area.

Azure Storage (Server):

A. Stored Access Policy

B. User-assigned Managed Identity

C. Cross-Origin Resource Sharing (CORS)

;B &&You are developing a web application that uses the Microsoft Identity platform for user and resource authentication. The web application called several REST APIs.

You are implementing various authentication and authorization flows for the web application.

You need to validate the claims in the authentication token.

Which token type should you use? To answer, select the appropriate options in the answer area.

Identify users for the application by using a JWT token that contains claims

A. Access

B. ID

C. Refresh

D. SAML

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Identify the permissions granted to APIs by using a JWT token that contains claims

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C. Refresh

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You are implementing various authentication and authorization flows for the web application.

You need to validate the claims in the authentication token.

Which token type should you use? To answer, select the appropriate options in the answer area.

Provide the web application with long-term access to resources on behalf of users without requiring interaction with those users.

A. Access

B. ID

C. Refresh

D. SAML

;D &&You are developing a web application that uses the Microsoft Identity platform for user and resource authentication. The web application called several REST APIs.

You are implementing various authentication and authorization flows for the web application.

You need to validate the claims in the authentication token.

Which token type should you use? To answer, select the appropriate options in the answer area.

Provide XML representations of claims that can be consumed by applications that use WS-Federation

A. Access

B. ID

C. Refresh

D. SAML

;A &&You develop and deploy a web app to Azure App service. The web app allows users to authenticate by using social identity providers through the Azure B2C service. All user profile information is stored in Azure B2C.

You must update the web app to display common user properties from Azure B2C to include the following information:

• Email address

• Job title

• First name

• Last name

• Office location

You need to implement the user properties in the web app.

Which code library and API should you use? To answer, select the appropriate options in the answer area.

API to access user properties:

A. Microsoft Graph

B. Azure AD Graph

C. Azure Key Vault

D. Azure AD entitlement management

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• Job title

• First name

• Last name

• Office location

You need to implement the user properties in the web app.

Which code library and API should you use? To answer, select the appropriate options in the answer area.

Code library to interface to Azure AD B2C:

A. Microsoft Authentication Library (MSAL)

B. Microsoft Azure Key Vault SDK

C. Azure Identity library

;B &&You are developing an Azure App Service hosted ASP.NET Core web app to deliver video-on-demand streaming media. You enable an Azure Content DeliveryNetwork (CDN) Standard for the web endpoint. Customer videos are downloaded from the web app by using the following example URL: http://www.contoso.com/ content.mp4?quality=1.

All media content must expire from the cache after one hour. Customer videos with varying quality must be delivered to the closest regional point of presence(POP) node.

You need to configure Azure CDN caching rules.

Caching behavior:

A. Bypass cache

B. Override

C. Set if missing

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All media content must expire from the cache after one hour. Customer videos with varying quality must be delivered to the closest regional point of presence(POP) node.

You need to configure Azure CDN caching rules.

Cache expiration duration

A. 1 second

B. 1 minute

C. 1 hour

D. 1 day

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All media content must expire from the cache after one hour. Customer videos with varying quality must be delivered to the closest regional point of presence(POP) node.

You need to configure Azure CDN caching rules.

Query string caching behavior:

A. Ignore query strings

B. Bypass caching for query strings

C. Cache every unique URL

;A &&You deploy an ASP.NET web app to Azure App Service.

You must monitor the web app by using Application Insights.

You need to configure Application Insights to meet the requirements.

Which feature should you use? To answer, select the appropriate options in the answer area.

Automatically warn you of potential performance problems and failure anomalies in the web app

A. Smart Detection

B. Snapshot Debugger

C. Profiler

D. Multi-step test

;B &&You deploy an ASP.NET web app to Azure App Service.

You must monitor the web app by using Application Insights.

You need to configure Application Insights to meet the requirements.

Which feature should you use? To answer, select the appropriate options in the answer area.

Automatically collect t he state of the source code and variables when an exception is thrown in the web app

A. Smart Detection

B. Snapshot Debugger

C. Profiler

D. Multi-step test

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You must monitor the web app by using Application Insights.

You need to configure Application Insights to meet the requirements.

Which feature should you use? To answer, select the appropriate options in the answer area.

Captute perform traces of the web app without negatively affecting users of the web app.

A. Smart Detection

B. Snapshot Debugger

C. Profiler

D. Multi-step test

;A &&You are creating an app that uses Event Grid to connect with other services. Your app's event data will be sent to a serverless function that checks compliance.This function is maintained by your company.

You write a new event subscription at the scope of your resource. The event must be invalidated after a specific period of time.

You need to configure Event Grid.

What should you do? To answer, select the appropriate options in the answer area.

WebHook event delivery:

A. SAS tokens

B. Key authentication

C. Management Access Control

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You write a new event subscription at the scope of your resource. The event must be invalidated after a specific period of time.

You need to configure Event Grid.

What should you do? To answer, select the appropriate options in the answer area.

Topic publishing:

A. ValidationCode handshake

B. ValidationURL handshake

C. JWT token

;A &&You develop several Azure Functions app functions to process JSON documents from a third-party system. The third-party system publishes events to Azure Event Grid to include hundreds of event types, such as billing, inventory, and shipping updates.

Events must be sent to a single endpoint for the Azure Functions app to process. The events must be filtered by event type before processing. You must have authorization and authentication control to partition your tenants to receive the event data.

You need to configure Azure Event Grid

.Which configuration should you use? To answer, select the appropriate values in the answer area.

Third-party system endpoint to send events:

A. system topic

B. custom topic

C. event domain

D. event subscription

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You need to configure Azure Event Grid

.Which configuration should you use? To answer, select the appropriate values in the answer area.

Azure Functions app endpoint to handle filtered events

A. system topic

B. custom topic

C. event domain

D. event subscription

;B &&You are a developer for a software as a service (SaaS) company that uses an Azure Function to process orders. The Azure Function currently runs on an AzureFunction app that is triggered by an Azure Storage queue.

You are preparing to migrate the Azure Function to Kubernetes using Kubernetes-based Event Driven Autoscaling (KEDA).

You need to configure Kubernetes Custom Resource Definitions (CRD) for the Azure Function.

Which CRDs should you configure? To answer, drag the appropriate CRD types to the correct locations. Each CRD type may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Azure Function code:

A. Secret

B. Deployment

C. ScaledObject

D. TriggerAuthentication

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Polling interval:

A. Secret

B. Deployment

C. ScaledObject

D. TriggerAuthentication

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Which CRDs should you configure? To answer, drag the appropriate CRD types to the correct locations. Each CRD type may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

Azure Storage connection string:

A. Secret

B. Deployment

C. ScaledObject

D. TriggerAuthentication

;A &&You are developing a solution for a hospital to support the following use cases:

✑ The most recent patient status details must be retrieved even if multiple users in different locations have updated the patient record.

✑ Patient health monitoring data retrieved must be the current version or the prior version

.✑ After a patient is discharged and all charges have been assessed, the patient billing record contains the final charges.

You provision a Cosmos DB NoSQL database and set the default consistency level for the database account to Strong. You set the value for Indexing Mode to Consistent.

You need to minimize latency and any impact to the availability of the solution. You must override the default consistency level at the query level to meet the required consistency guarantees for the scenarios.

Which consistency levels should you implement? To answer, drag the appropriate consistency levels to the correct requirements. Each consistency level may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Return the most recent patient status:

A. Strong

B. Bounded Staleness

C. Consistent Prefix

D. Eventual

;B &&You are developing a solution for a hospital to support the following use cases:

✑ The most recent patient status details must be retrieved even if multiple users in different locations have updated the patient record.

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Which consistency levels should you implement? To answer, drag the appropriate consistency levels to the correct requirements. Each consistency level may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Return health monitoring data that is no less than one version behind:

A. Strong

B. Bounded Staleness

C. Consistent Prefix

D. Eventual

;D &&You are developing a solution for a hospital to support the following use cases:

✑ The most recent patient status details must be retrieved even if multiple users in different locations have updated the patient record.

✑ Patient health monitoring data retrieved must be the current version or the prior version

.✑ After a patient is discharged and all charges have been assessed, the patient billing record contains the final charges.

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Which consistency levels should you implement? To answer, drag the appropriate consistency levels to the correct requirements. Each consistency level may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

After patient is discharged and all charges are assessed, retrieve the correct billing data with the final charges:

A. Strong

B. Bounded Staleness

C. Consistent Prefix

D. Eventual

;A &&You are preparing to deploy an Azure virtual machine (VM)-based application.

The VMs that run the application have the following requirements

:✑ When a VM is provisioned the firewall must be automatically configured before it can access Azure resources.

✑ Supporting services must be installed by using an Azure PowerShell script that is stored in Azure Storage.

You need to ensure that the requirements are met.

Which features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Firewall configuration:

A. Run Command

B. Serial console

C. Hybrid Runbook Worker

D. Custom Script Extension

;D &&You are preparing to deploy an Azure virtual machine (VM)-based application.

The VMs that run the application have the following requirements

:✑ When a VM is provisioned the firewall must be automatically configured before it can access Azure resources.

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You need to ensure that the requirements are met.

Which features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Supporting services script:

A. Run Command

B. Serial console

C. Hybrid Runbook Worker

D. Custom Script Extension

;A &&You are developing an Azure Function app.

The app must meet the following requirements:

✑ Enable developers to write the functions by using the Rust language.

✑ Declaratively connect to an Azure Blob Storage account.

You need to implement the app.

Which Azure Function app features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Enable developers to write the functions by using the Rust language:

A. Custom handler

B. Extension bundle

C. Trigger

D. Runtime

E. Policy

F. Hosting plan

;B &&You are developing an Azure Function app.

The app must meet the following requirements:

✑ Enable developers to write the functions by using the Rust language.

✑ Declaratively connect to an Azure Blob Storage account.

You need to implement the app.

Which Azure Function app features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Declaratively connect to an Azure Blob Storage account

A. Custom handler

B. Extension bundle

C. Trigger

D. Runtime

E. Policy

F. Hosting plan

;B &&You are authoring a set of nested Azure Resource Manager templates to deploy multiple Azure resources.

The templates must be tested before deployment and must follow recommended practices.

You need to validate and test the templates before deployment

.Which tools should you use? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Determine whether the templates follow recommended pratices

A. Parameter file

B. Template function

C. Azure Resource manager test toolkit

D. User-defined function

E. What-if operation

F. Azure Deployment Manager

;E &&You are authoring a set of nested Azure Resource Manager templates to deploy multiple Azure resources.

The templates must be tested before deployment and must follow recommended practices.

You need to validate and test the templates before deployment

.Which tools should you use? To answer, drag the appropriate tools to the correct requirements. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Test and validate changes that templates will make to the environment.

A. Parameter file

B. Template function

C. Azure Resource manager test toolkit

D. User-defined function

E. What-if operation

F. Azure Deployment Manager

;B &&You are implementing an order processing system. A point of sale application publishes orders to topics in an Azure Service Bus queue. The Label property for the topic includes the following data:

You need to implement filtering and maximize throughput while evaluating filters.

Which filter types should you implement? To answer, drag the appropriate filter types to the correct subscriptions. Each filter type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

FutureOrders.

A. SQLFilter

B. CorrelationFilter

C. No Filter

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HighPriorityOrders.

A. SQLFilter

B. CorrelationFilter

C. No Filter

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InternationalOrders.

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C. No Filter

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HighQuantityOrders.

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B. CorrelationFilter

C. No Filter

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AllOrders.

A. SQLFilter

B. CorrelationFilter

C. No Filter

;D &&You develop an Azure solution that uses Cosmos DB.

The current Cosmos DB container must be replicated and must use a partition key that is optimized for queries.

You need to implement a change feed processor solution.

Which change feed processor components should you use? To answer, drag the appropriate components to the correct requirements. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view the content.

Store the data from which the chage feed is generated

A. Host

B. Delegate

C. Lease container

D. Monitored container

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Coordinate processing of the change feed across multiple workers

A. Host

B. Delegate

C. Lease container

D. Monitored container

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The current Cosmos DB container must be replicated and must use a partition key that is optimized for queries.

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Use the change feed processor to listen for changes

A. Host

B. Delegate

C. Lease container

D. Monitored container

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Handle each batch of changes

A. Host

B. Delegate

C. Lease container

D. Monitored container

;A &&You are implementing an Azure solution that uses Azure Cosmos DB and the latest Azure Cosmos DB SDK. You add a change feed processor to a new container instance.

You attempt to read a batch of 100 documents. The process fails when reading one of the documents. The solution must monitor the progress of the change feed processor instance on the new container as the change feed is read. You must prevent the change feed processor from retrying the entire batch when one document cannot be read.

You need to implement the change feed processor to read the documents.

Which features should you use? To answer, drag the appropriate features to the cored requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Monitor the progress of the change feed processor:

A Change feed estimator

B. Dead-letter queue

C. Deployment unit

D. Lease container

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Prevent the change feed processor from retrying the entire batch when one document cannot be read:

A Change feed estimator

B. Dead-letter queue

C. Deployment unit

D. Lease container

;C &&You are developing an application to securely transfer data between on-premises file systems and Azure Blob storage. The application stores keys, secrets, and certificates in Azure Key Vault. The application uses the Azure Key Vault APIs

.The application must allow recovery of an accidental deletion of the key vault or key vault objects. Key vault objects must be retained for 90 days after deletion.

You need to protect the key vault and key vault objects.

Which Azure Key Vault feature should you use? To answer, drag the appropriate features to the correct actions. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Enable retention period and accidental deletion

A. Access policy

B. Purge protection

C. Soft delete

D. Shared access signature

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Which Azure Key Vault feature should you use? To answer, drag the appropriate features to the correct actions. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Enforce retention period and accidental deletion

A. Access policy

B. Purge protection

C. Soft delete

D. Shared access signature

;A &&Contoso, Ltd. provides an API to customers by using Azure API Management (APIM). The API authorizes users with a JWT token.

You must implement response caching for the APIM gateway. The caching mechanism must detect the user ID of the client that accesses data for a given location and cache the response for that user ID.

You need to add the following policies to the policies file:

✑ a set-variable policy to store the detected user identity

✑ a cache-lookup-value policy

✑ a cache-store-value policy

✑ a find-and-replace policy to update the response body with the user profile information

To which policy section should you add the policies? To answer, drag the appropriate sections to the correct policies. Each section may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Set-variable

A. Inbound

B. Outbound

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Cache-lookup-value

A. Inbound

B. Outbound

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Cache-store-value

A. Inbound

B. Outbound

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Find-and-replace

A. Inbound

B. Outbound

;A &&An organization plans to deploy Azure storage services.

You need to configure shared access signature (SAS) for granting access to Azure Storage.

Which SAS types should you use? To answer, drag the appropriate SAS types to the correct requirements. Each SAS type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Delegate access to resource in one or more of the storage services

A. Account-level

B. Service-level

C. User delegation

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Which SAS types should you use? To answer, drag the appropriate SAS types to the correct requirements. Each SAS type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Delegate access to a resource in a single storage service

A. Account-level

B. Service-level

C. User delegation

;C &&An organization plans to deploy Azure storage services.

You need to configure shared access signature (SAS) for granting access to Azure Storage.

Which SAS types should you use? To answer, drag the appropriate SAS types to the correct requirements. Each SAS type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Secure a resource by using Azure AD credentials

A. Account-level

B. Service-level

C. User delegation

;B &&You develop an ASP.NET Core MVC application. You configure the application to track webpages and custom events.

You need to identify trends in application usage.

Which Azure Application Insights Usage Analysis features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Which pages visited by users most often correlate to a product purchase ?

A. Users.

B. Funnels

C. Impact

D. Retention

E User Flows

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How doest load time of the product display page affect a user's decision to purchase a products ?

A. Users.

B. Funnels

C. Impact

D. Retention

E. User Flows

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Which events most influence a user's decision to continue to use the application ?

A. Users.

B. Funnels

C. Impact

D. Retention

E User Flows

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You need to identify trends in application usage.

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Are there places in the application that users often perform repetitive actions ?

A. Users.

B. Funnels

C. Impact

D. Retention

E User Flows

;D &&You develop and deploy an Azure App Service web app. The web app accesses data in an Azure SQL database.

You must update the web app to store frequently used data in a new Azure Cache for Redis Premium instance.

You need to implement the Azure Cache for Redis features.

Which feature should you implement? To answer, drag the appropriate feature to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Create a data structure for storing collections of related times

A. Horizontal partitioning

B. Channel

C. List

D. Set

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Which feature should you implement? To answer, drag the appropriate feature to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Create a data structure for the most recently accessed cache items

A. Horizontal partitioning

B. Channel

C. List

D. Set

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You must update the web app to store frequently used data in a new Azure Cache for Redis Premium instance.

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Which feature should you implement? To answer, drag the appropriate feature to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Send messaged through a high-performance publisher/subscriber mechanism

A. Horizontal partitioning

B. Channel

C. List

D. Set

;A &&You develop and deploy a Java application to Azure. The application has been instrumented by using the Application Insights SDK.

The telemetry data must be enriched and processed before it is sent to the Application Insights service.

You need to modify the telemetry data.

Which Application Insights SDK features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Reduce the volume of telemetry without affecting statistics

A. Sampling

B. Telemetry Initializer

C. Telemetry processor

D Telemetry channel

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Enrich telemetry with additional properties or override an existing one

A. Sampling

B. Telemetry Initializer

C. Telemetry processor

D Telemetry channel

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Which Application Insights SDK features should you use? To answer, drag the appropriate features to the correct requirements. Each feature may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Completely replace or discard a telemetry item

A. Sampling

B. Telemetry Initializer

C. Telemetry processor

D Telemetry channel

;C &&You manage several existing Logic Apps.

You need to change definitions, add new logic, and optimize these apps on a regular basis

.What should you use? To answer, drag the appropriate tools to the correct functionalities. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Edit B2B workflows:

A. Logic Apps Designer

B. Code View Editor

C. Enterprise Integration Pack

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Edit definitions in JSON

A. Logic Apps Designer

B. Code View Editor

C. Enterprise Integration Pack

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You need to change definitions, add new logic, and optimize these apps on a regular basis

.What should you use? To answer, drag the appropriate tools to the correct functionalities. Each tool may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Visually add functionality:

A. Logic Apps Designer

B. Code View Editor

C. Enterprise Integration Pack

;B &&You develop a gateway solution for a public facing news API.

The news API back end is implemented as a RESTful service and hosted in an Azure App Service instance.

You need to configure back-end authentication for the API Management service instance.

Which target and gateway credential type should you use? To answer, drag the appropriate values to the correct parameters. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Target:

A. Azure Resource

B. HTTP(s) endpoint

C. Basic

D. Client cert

;D &&You develop a gateway solution for a public facing news API.

The news API back end is implemented as a RESTful service and hosted in an Azure App Service instance.

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Which target and gateway credential type should you use? To answer, drag the appropriate values to the correct parameters. Each value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Gateway credentials:

A. Azure Resource

B. HTTP(s) endpoint

C. Basic

D. Client cert

;D &&You are developing an Azure solution to collect inventory data from thousands of stores located around the world. Each store location will send the inventory data hourly to an Azure Blob storage account for processing.

The solution must meet the following requirements:

✑ Begin processing when data is saved to Azure Blob storage.

✑ Filter data based on store location information.

✑ Trigger an Azure Logic App to process the data for output to Azure Cosmos DB.

✑ Enable high availability and geographic distribution.

✑ Allow 24-hours for retries.

✑ Implement an exponential back off data processing.

You need to configure the solution.

What should you implement? To answer, select the appropriate options in the answer area.

Event Source:

A. Azure Event Hub

B. Azure Event Grid

C. Azure Service Bus

D. Azure Blob Storage

E. Azure App Service

F. Azure Logic App

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You need to configure the solution.

What should you implement? To answer, select the appropriate options in the answer area.

Event Receiver:

A. Azure Event Hub

B. Azure Event Grid

C. Azure Service Bus

D. Azure Blob Storage

E. Azure App Service

F. Azure Logic App

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✑ Enable high availability and geographic distribution.

✑ Allow 24-hours for retries.

✑ Implement an exponential back off data processing.

You need to configure the solution.

What should you implement? To answer, select the appropriate options in the answer area.

Event Handler:

A. Azure Event Hub

B. Azure Event Grid

C. Azure Service Bus

D. Azure Blob Storage

E. Azure App Service

F. Azure Logic App

;A &&You have an application that provides weather forecasting data to external partners. You use Azure API Management to publish APIs.

You must change the behavior of the API to meet the following requirements:

✑ Support alternative input parameters

✑ Remove formatting text from responses

✑ Provide additional context to back-end services\

Which types of policies should you implement? To answer, drag the policy types to the correct requirements. Each policy type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Support alternative input parameters

A. Inbound

B. Outbound

C. Backend

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Remove formatting text from response

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Provide additional context to back-end services

A. Inbound

B. Outbound

C. Backend

;A &&You develop and deploy a web app to Azure App Service in a production environment. You scale out the web app to four instances and configure a staging slot to support changes.

You must monitor the web app in the environment to include the following requirements:

✑ Increase web app availability by re-routing requests away from instances with error status codes and automatically replace instances if they remain in an error state after one hour.

✑ Send web server logs, application logs, standard output, and standard error messaging to an Azure Storage blob account.

You need to configure Azure App Service.

Which values should you use? To answer, drag the appropriate configuration value to the correct requirements. Each configuration value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Increase availability:

A. Health check

B. Diagnostic setting

C. Deployment slot

D. Autoscale rule

E. Zone redundancy

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You need to configure Azure App Service.

Which values should you use? To answer, drag the appropriate configuration value to the correct requirements. Each configuration value may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Send logs:

A. Health check

B. Diagnostic setting

C. Deployment slot

D. Autoscale rule

E. Zone redundancy

;AAA &&You are developing a C++ application that compiles to a native application named process.exe. The application accepts images as input and returns images in one of the following image formats: GIF, PNG, or JPEG.

You must deploy the application as an Azure Function.

You need to configure the function and host json files.

How should you complete the json files? To answer, select the appropriate options in the answer area.

;CBAD &&You are developing an Azure Static Web app that contains training materials for a tool company. Each tool's training material is contained in a static web page that is linked from the tool's publicly available description page.

A user must be authenticated using Azure AD prior to viewing training.

You need to ensure that the user can view training material pages after authentication.

How should you complete the configuration file? To answer, select the appropriate options in the answer area.

;EA &&You are developing a service where customers can report news events from a browser using Azure Web PubSub. The service is implemented as an Azure Function App that uses the JSON WebSocket subprotocol to receive news events.

You need to implement the bindings for the Azure Function App.

How should you configure the binding? To answer, select the appropriate options in the answer area.

;CAA &&You have a web service that is used to pay for food deliveries. The web service uses Azure Cosmos DB as the data store.

You plan to add a new feature that allows users to set a tip amount. The new feature requires that a property named tip on the document in Cosmos DB must be present and contain a numeric value.

There are many existing websites and mobile apps that use the web service that will not be updated to set the tip property for some time.

How should you complete the trigger?

;BAD &&You are configuring a new development environment for a Java application.

The environment requires a Virtual Machine Scale Set (VMSS), several storage accounts, and networking components.

The VMSS must not be created until the storage accounts have been successfully created and an associated load balancer and virtual network is configured.

How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.

;DAA &&You are developing an Azure Durable Function based application that processes a list of input values. The application is monitored using a console application that retrieves JSON data from an Azure Function diagnostic endpoint.

During processing a single instance of invalid input does not cause the function to fail. Invalid input must be available to the monitoring application.

You need to implement the Azure Durable Function and the monitoring console application.

How should you complete the code segments? To answer, select the appropriate options in the answer area.

;AAA &&You are developing an Azure Function app.

All functions in the app meet the following requirements:

• Run until either a successful run or until 10 run attempts occur.

• Ensure that there are at least 20 seconds between attempts for up to 15 minutes.

You need to configure the host.json file.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

;ABDDC &&You are building a website that is used to review restaurants. The website will use an Azure CDN to improve performance and add functionality to requests.

You build and deploy a mobile app for Apple iPhones. Whenever a user accesses the website from an iPhone, the user must be redirected to the app store.

You need to implement an Azure CDN rule that ensures that iPhone users are redirected to the app store.

How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.

;BD &&You are building a website to access project data related to teams within your organization. The website does not allow anonymous access. Authentication is performed using an Azure Active Directory (Azure AD) app named internal.

The website has the following authentication requirements:

✑ Azure AD users must be able to login to the website.

✑ Personalization of the website must be based on membership in Active Directory groups.

You need to configure the application's manifest to meet the authentication requirements.

How should you configure the manifest? To answer, select the appropriate configuration in the answer area.

;EC &&You are developing a new page for a website that uses Azure Cosmos DB for data storage. The feature uses documents that have the following format:

{

"name": "John",

"city": "Seattle"

}

You must display data for the new page in a specific order. You create the following query for the page:

Select \*

From People p

Order by p.name, p.city DESC

You need to configure a Cosmos DB policy to support the query.

How should you configure the policy? To answer, drag the appropriate JSON segments to the correct locations. Each JSON segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;DDB &&You have a single page application (SPA) web application that manages information based on data returned by Microsoft Graph from another company's AzureActive Directory (Azure AD) instance.

Users must be able to authenticate and access Microsoft Graph by using their own company's Azure AD instance.

You need to configure the application manifest for the app registration.

How should you complete the manifest? To answer, select the appropriate options in the answer area.

;ED &&You are a developer building a web site using a web app. The web site stores configuration data in Azure App Configuration.

Access to Azure App Configuration has been configured to use the identity of the web app for authentication. Security requirements specify that no other authentication systems must be used.

You need to load configuration data from Azure App Configuration.

How should you complete the code? To answer, select the appropriate options in the answer area.

;DBAC &&You are developing a content management application for technical manuals. The application is deployed as an Azure Static Web app.

Authenticated users can view pages under/manuals but only contributors can access the page /manuals/new.html.

You need to configure the routing for the web app.

How should you complete the configuration? To answer, select the appropriate options in the answer area.

;AA &&A company is developing a gaming platform. Users can join teams to play online and see leaderboards that include player statistics. The solution includes an entity named Team.

You plan to implement an Azure Redis Cache instance to improve the efficiency of data operations for entities that rarely change.

You need to invalidate the cache when team data is changed.

How should you complete the code? To answer, select the appropriate options in the answer area.

;AABA &&You develop a news and blog content app for Windows devices.

A notification must arrive on a user's device when there is a new article available for them to view.You need to implement push notifications.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

;AACC &&You are developing a .NET application that communicates with Azure Storage.

A message must be stored when the application initializes.

You need to implement the message.How should you complete the code segment?

To answer, select the appropriate options in the answer area.

;CCA &&You develop an image upload service that is exposed using Azure API Management. Images are analyzed after upload for automatic tagging.

Images over 500 KB are processed by a different backend that offers a lower tier of service that costs less money. The lower tier of service is denoted by a header named x-large-request. Images over 500 KB must never be processed by backends for smaller images and must always be charged the lower price.

You need to implement API Management policies to ensure that images are processed correctly.How should you complete the API Management inbound policy? To answer, select the appropriate options in the answer area.

;BAB &&You need to implement the Log policy.

How should you complete the EnsureLogging method in EventGridController.cs? To answer, select the appropriate options in the answer area

;AA &&You are authoring a set of nested Azure Resource Manager templates to deploy Azure resources. You author an Azure Resource Manager template named mainTemplate.json that contains the following linked templates: linkedTemplate1.json, linkedTemplate2.json.

You add parameters to a parameters template file named mainTemplate.parameters,json. You save all templates on a local device in the C:\templates\ folder.

You have the following requirements:

• Store the templates in Azure for later deployment.

• Enable versioning of the templates.

• Manage access to the templates by using Azure RBAC.

• Ensure that users have read-only access to the templates.

• Allow users to deploy the templates.

You need to store the templates in Azure.

How should you complete the command? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

;BACCA &&You are creating a CLI script that creates an Azure web app and related services in Azure App Service. The web app uses the following variables:

Variable name \_\_\_\_\_\_\_\_\_\_\_\_\_\_ Value

$gitrepo \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ https://github.com/Contos/webapp

$webappname \_\_\_\_\_\_\_\_\_\_\_\_\_\_Webapp133

You need to automatically deploy code from GitHub to the newly created web app. How should you complete the script? To answer, select the appropriate options in the answer area.

;ACBDE &&A company is developing a Java web app. The web app code is hosted in a GitHub repository located at https://github.com/Contoso/webapp.The web app must be evaluated before it is moved to production. You must deploy the initial code release to a deployment slot named staging.You need to create the web app and deploy the code.How should you complete the commands? To answer, select the appropriate options in the answer area.

;DCBA &&A company is developing a Node.js web app. The web app code is hosted in a GitHub repository located at https://github.com/TailSpinToys/webapp.

The web app must be reviewed before it is moved to production. You must deploy the initial code release to a deployment slot named review.

You need to create the web app and deploy the code.

How should you complete the commands? To answer, select the appropriate options in the answer area.

;BA &&You are developing an application that needs access to an Azure virtual machine (VM).

The access lifecycle for the application must be associated with the VM service instance.

You need to enable managed identity for the VM.

How should you complete the PowerShell segment? To answer, select the appropriate options in the answer area.

;DA &&You are developing an ASP.NET Core web application. You plan to deploy the application to Azure Web App for Containers.

The application needs to store runtime diagnostic data that must be persisted across application restarts. You have the following code:

public void SaveDiagData(String data)

{

var path = Enviroment.GetEnviromentVariable("DIAGDATA")

File.WriteAllText(Path.Combine(path,"data"), data)

}

You need to configure the application settings so that diagnostic data is stored as required.

How should you configure the web app's settings? To answer, select the appropriate options in the answer area.

;DBC &&You are developing a ticket reservation system for an airline. The storage solution for the application must meet the following requirements:

✑ Ensure at least 99.99% availability and provide low latency. ✑ Accept reservations even when localized network outages or other unforeseen failures occur.

✑ Process reservations in the exact sequence as reservations are submitted to minimize overbooking or selling the same seat to multiple travelers.

✑ Allow simultaneous and out-of-order reservations with a maximum five-second tolerance window.

You provision a resource group named airlineResourceGroup in the Azure South-Central US region.

You need to provision a SQL API Cosmos DB account to support the app.

How should you complete the Azure CLI commands? To answer, select the appropriate options in the answer area.

;DCC &&You are preparing to deploy a Python website to an Azure Web App using a container. The solution will use multiple containers in the same container group. The Dockerfile that builds the container is as follows:

FROM python:3

ADD website.py

CMD ["python", "./website.py"]

You build a container by using the following command. The Azure Container Registry instance named images is a private registry.

docker build -t images.azurec.io/website:v1.0.0

The user name and password for the registry is admin.

The Web App must always run the same version of the website regardless of future builds.

You need to create an Azure Web App to run the website.

How should you complete the commands? To answer, select the appropriate options in the answer area

;BBC &&You are developing a back-end Azure App Service that scales based on the number of messages contained in a Service Bus queue.

A rule already exists to scale up the App Service when the average queue length of unprocessed and valid queue messages is greater than 1000.

You need to add a new rule that will continuously scale down the App Service as long as the scale up condition is not met.

How should you configure the Scale rule? To answer, select the appropriate options in the answer area.

;BC &&An organization deploys a blob storage account. Users take multiple snapshots of the blob storage account over time.

You need to delete all snapshots of the blob storage account. You must not delete the blob storage account itself.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

;BC &&An organization deploys a blob storage account. Users take multiple snapshots of the blob storage account over time.

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How should you complete the code segment? To answer, select the appropriate options in the answer area.

;CA &&You are developing an application that monitors data added to an Azure Blob storage account.

You need to process each change made to the storage account.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

;CAA &&You develop an application that sells AI generated images based on user input. You recently started a marketing campaign that displays unique ads every second day.

Sales data is stored in Azure Cosmos DB with the date of each sale being stored in a property named 'whenFinished'.

The marketing department requires a view that shows the number of sales for each unique ad.

You need to implement the query for the view.

How should you complete the query? To answer, select the appropriate options in the answer area.

;AAA &&You are developing an ASP.NET Core app that includes feature flags which are managed by Azure App Configuration. You create an Azure App Configuration store named AppFeatureFlagStore that contains a feature flag named Export.

You need to update the app to meet the following requirements:

✑ Use the Export feature in the app without requiring a restart of the app.

✑ Validate users before users are allowed access to secure resources.

✑ Permit users to access secure resources.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

;BCADA &&You plan to deploy a new application to a Linux virtual machine (VM) that is hosted in Azure.

The entire VM must be secured at rest by using industry-standard encryption technology to address organizational security and compliance requirements.

You need to configure Azure Disk Encryption for the VM.

How should you complete the Azure CLI commands? To answer, select the appropriate options in the a

;AA &&You are developing a web application that makes calls to the Microsoft Graph API. You register the application in the Azure portal and upload a valid X509 certificate.

You create an appsettings.json file containing the certificate name, client identifier for the application, and the tenant identifier of the Azure Active Directory (Azure

AD). You create a method named ReadCertificate to return the X509 certificate by name.

You need to implement code that acquires a token by using the certificate.

How should you complete the code segment? To answer, select the appropriate options in the answer area.

;CCD &&You are building an application that stores sensitive customer data in Azure Blob storage.

The data must be encrypted with a key that is unique for each customer.

If the encryption key has been corrupted it must not be used for encryption.

You need to ensure that the blob is encrypted. How should you complete the code segment? To answer, select the appropriate options in the answer area.

;AAB &&You develop a web app that interacts with Azure Active Directory (Azure AD) groups by using Microsoft Graph.

You build a web page that shows all Azure AD groups that are not of the type 'Unified'.

You need to build the Microsoft Graph query for the page.

How should you complete the query? To answer, select the appropriate options in the answer area.

;ADAD &&You are a developer building a web site using a web app. The web site stores configuration data in Azure App Configuration.

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You need to load configuration data from Azure App Configuration.

How should you complete the code? To answer, select the appropriate options in the answer area.

;ADBD &&You are debugging an application that is running on Azure Kubernetes cluster named cluster1. The cluster uses Azure Monitor for containers to monitor the cluster.

The application has sticky sessions enabled on the ingress controller.

Some customers report a large number of errors in the application over the last 24 hours.

You need to determine on which virtual machines (VMs) the errors are occurring.How should you complete the Azure Monitor query? To answer, select the appropriate options in the answer area.

;ABAD &&You plan to deploy a web app to App Service on Linux. You create an App Service plan. You create and push a custom Docker image that contains the web app to Azure Container Registry.

You need to access the console logs generated from inside the container in real-time.

How should you complete the Azure CLI command? To answer, select the appropriate options in the answer area.

;ABA &&You are developing an ASP.NET Core time sheet application that runs as an Azure Web App. Users of the application enter their time sheet information on the first day of every month. The application uses a third-party web service to validate data. The application encounters periodic server errors due to errors that result from calling a third-party web server. Each request to the third-party server has the same chance of failure.

You need to configure an Azure Monitor alert to detect server errors unrelated to the third-party service. You must minimize false-positive alerts. How should you complete the Azure Resource Manager template? To answer, select the appropriate options in the answer area.

;BAA &&You develop new functionality in a web application for a company that provides access to seismic data from around the world. The seismic data is stored in Redis Streams within an Azure Cache for Redis instance.

The new functionality includes a real-time display of seismic events as they occur.

You need to implement the Azure Cache for Redis command to receive seismic data.

How should you complete the command? To answer, select the appropriate options in the answer area.

;BE &&A software as a service (SaaS) company provides document management services. The company has a service that consists of several Azure web apps.

All Azure web apps run in an Azure App Service Plan named PrimaryASP.

You are developing a new web service by using a web app named ExcelParser. The web app contains a third-party library for processing Microsoft Excel files.

The license for the third-party library stipulates that you can only run a single instance of the library.

You need to configure the service.

How should you complete the script? To answer, select the appropriate options in the answer area.

;CA &&You have developed a Web App for your company. The Web App provides services and must run in multiple regions.

You want to be notified whenever the Web App uses more than 85 percent of the available CPU cores over a 5 minute period. Your solution must minimize costs.

Which command should you use? To answer, select the appropriate settings in the answer area.

;A &&Background -

Wide World Importers is moving all their datacenters to Azure. The company has developed several applications and services to support supply chain operations and would like to leverage serverless computing where possible.

Current environment -

Windows Server 2016 virtual machine

This virtual machine (VM) runs BizTalk Server 2016. The VM runs the following workflows:

Ocean Transport `" This workflow gathers and validates container information including container contents and arrival notices at various shipping ports.

Inland Transport `" This workflow gathers and validates trucking information including fuel usage, number of stops, and routes.

The VM supports the following REST API calls:

Container API `" This API provides container information including weight, contents, and other attributes.

Location API `" This API provides location information regarding shipping ports of call and trucking stops.

Shipping REST API `" This API provides shipping information for use and display on the shipping website.

Shipping Data -

The application uses MongoDB JSON document storage database for all container and transport information.

Shipping Web Site -

The site displays shipping container tracking information and container contents. The site is located at http://shipping.wideworldimporters.com/

Proposed solution -

The on-premises shipping application must be moved to Azure. The VM has been migrated to a new Standard\_D16s\_v3 Azure VM by using Azure Site Recovery and must remain running in Azure to complete the BizTalk component migrations. You create a Standard\_D16s\_v3 Azure VM to host BizTalk Server. The Azure architecture diagram for the proposed solution is shown below:

Requirements -

Shipping Logic app -

The Shipping Logic app must meet the following requirements:

Support the ocean transport and inland transport workflows by using a Logic App.

Support industry-standard protocol X12 message format for various messages including vessel content details and arrival notices.

Secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.

Maintain on-premises connectivity to support legacy applications and final BizTalk migrations.

Shipping Function app -

Implement secure function endpoints by using app-level security and include Azure Active Directory (Azure AD).

REST APIs -

The REST API's that support the solution must meet the following requirements:

Secure resources to the corporate VNet.

Allow deployment to a testing location within Azure while not incurring additional costs.

Automatically scale to double capacity during peak shipping times while not causing application downtime.

Minimize costs when selecting an Azure payment model.

Shipping data -

Data migration from on-premises to Azure must minimize costs and downtime.

Shipping website -

Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.

Issues -

Windows Server 2016 VM -

The VM shows high network latency, jitter, and high CPU utilization. The VM is critical and has not been backed up in the past. The VM must enable a quick restore from a 7-day snapshot to include in-place restore of disks in case of failure.

Shipping website and REST APIs -

The following error message displays while you are testing the website:

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Question

HOTSPOT -You need to configure Azure CDN for the Shipping web site.Which configuration options should you use? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

Tier:

A. Standard

B. Premium

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Profile:

A. Akamai

B. Microsoft

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Optimization:

A. general web delivery

B. large file download

C. dynamic site acceleration

D. video-on-demand media streaming

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Backup and Restore:

A. Azure Site Recovery

B. Azure Backup

C. Azure Data Box

D. Azure Migrate

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HOTSPOT -You need to configure Azure CDN for the Shipping web site.Which configuration options should you use? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

Performance:

A. Azure Network Watcher

B. Azure Traffic Manager

C. ExpressRoute

D. Accelerated Networking

;B &&Background -

Wide World Importers is moving all their datacenters to Azure. The company has developed several applications and services to support supply chain operations and would like to leverage serverless computing where possible.

Current environment -

Windows Server 2016 virtual machine

This virtual machine (VM) runs BizTalk Server 2016. The VM runs the following workflows:

Ocean Transport `" This workflow gathers and validates container information including container contents and arrival notices at various shipping ports.

Inland Transport `" This workflow gathers and validates trucking information including fuel usage, number of stops, and routes.

The VM supports the following REST API calls:

Container API `" This API provides container information including weight, contents, and other attributes.

Location API `" This API provides location information regarding shipping ports of call and trucking stops.

Shipping REST API `" This API provides shipping information for use and display on the shipping website.

Shipping Data -

The application uses MongoDB JSON document storage database for all container and transport information.

Shipping Web Site -

The site displays shipping container tracking information and container contents. The site is located at http://shipping.wideworldimporters.com/

Proposed solution -

The on-premises shipping application must be moved to Azure. The VM has been migrated to a new Standard\_D16s\_v3 Azure VM by using Azure Site Recovery and must remain running in Azure to complete the BizTalk component migrations. You create a Standard\_D16s\_v3 Azure VM to host BizTalk Server. The Azure architecture diagram for the proposed solution is shown below:

Requirements -

Shipping Logic app -

The Shipping Logic app must meet the following requirements:

Support the ocean transport and inland transport workflows by using a Logic App.

Support industry-standard protocol X12 message format for various messages including vessel content details and arrival notices.

Secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.

Maintain on-premises connectivity to support legacy applications and final BizTalk migrations.

Shipping Function app -

Implement secure function endpoints by using app-level security and include Azure Active Directory (Azure AD).

REST APIs -

The REST API's that support the solution must meet the following requirements:

Secure resources to the corporate VNet.

Allow deployment to a testing location within Azure while not incurring additional costs.

Automatically scale to double capacity during peak shipping times while not causing application downtime.

Minimize costs when selecting an Azure payment model.

Shipping data -

Data migration from on-premises to Azure must minimize costs and downtime.

Shipping website -

Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.

Issues -

Windows Server 2016 VM -

The VM shows high network latency, jitter, and high CPU utilization. The VM is critical and has not been backed up in the past. The VM must enable a quick restore from a 7-day snapshot to include in-place restore of disks in case of failure.

Shipping website and REST APIs -

The following error message displays while you are testing the website:

Failed to load http://test-shippingapi.wideworldimporters.com/: No 'Access-Control-Allow-Origin' header is present on the requested resource. Origin 'http://test.wideworldimporters.com/' is therefore not allowed access.

Question

HOTSPOT -You need to configure Azure CDN for the Shipping web site.Which configuration options should you use? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

Authorization level:

A. Function

B. Anonymous

C. Admin

;A &&Background -

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Question

HOTSPOT -You need to configure Azure CDN for the Shipping web site.Which configuration options should you use? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

User claims:

A. JSON Web Token (JWT)

B. Shared Access Signature (SAS) token

C. Api Key

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Question

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Trigger type:

A. blob

B. HTTP

C. queue

D. timer

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Question

You need to secure the Shipping Logic App. What should you use?

A. Azure App Service Environment (ASE)

B. Integration Service Environment (ISE)

C. VNet service endpoint

D. Azure AD B2B integration

;FABD &&Background -

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Question

DRAG DROP -

You need to support the message processing for the ocean transport workflow.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

;C &&Background -

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Current environment -

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The following error message displays while you are testing the website:

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Question

You need to support the requirements for the Shipping Logic App. What should you use?

A. Azure Active Directory Application Proxy

B. Site-to-Site (S2S) VPN connection

C. On-premises Data Gateway

D. Point-to-Site (P2S) VPN connection

;CB &&Introductory Info

Background -

You are a developer for Litware Inc., a SaaS company that provides a solution for managing employee expenses. The solution consists of an ASP.NET Core WebAPI project that is deployed as an Azure Web App.

Overall architecture -

Employees upload receipts for the system to process. When processing is complete, the employee receives a summary report email that details the processing results. Employees then use a web application to manage their receipts and perform any additional tasks needed for reimbursement.

Receipt processing -

Employees may upload receipts in two ways:Uploading using an Azure Files mounted folderUploading using the web application

Data Storage -

Receipt and employee information is stored in an Azure SQL database.

Documentation -

Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems forAzure File upload, and instructions on how to configure the mounted folder.

Solution details -

Users table -

Column \_\_\_\_ Description

UserId \_\_\_\_unique identifier for and employee

ExpenseAccount \_\_\_\_ employees expense account number in the format 1234-123-1234

AllowedAmount \_\_\_\_ limit of allowed expenses before approval is needed

SupervisorId \_\_\_\_ unique identifier for employee's supervisor

SecurityPin \_\_\_\_ value used to validate user identity

Web Application -

You enable MSI for the Web App and configure the Web App to use the security principal name WebAppIdentity.

Processing -

Processing is performed by an Azure Function that uses version 2 of the Azure Function runtime. Once processing is completed, results are stored in Azure BlobStorage and an Azure SQL database. Then, an email summary is sent to the user with a link to the processing report. The link to the report must remain valid if the email is forwarded to another user.

Logging -

Azure Application Insights is used for telemetry and logging in both the processor and the web application. The processor also has TraceWriter logging enabled.Application Insights must always contain all log messages.

Requirements -

Receipt processing -

Concurrent processing of a receipt must be prevented.

Disaster recovery -

Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.

Security -

User's SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

All certificates and secrets used to secure data must be stored in Azure Key Vault.

You must adhere to the principle of least privilege and provide privileges which are essential to perform the intended function.

All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI).

Receipt data must always be encrypted at rest.

All data must be protected in transit.

User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.

In the case of a security breach, access to all summary reports must be revoked without impacting other parts of the system.

Issues -

Upload format issue -

Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure FileShare, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 InternalServer error page.

Capacity issue -

During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

Log capacity issue -

Developers report that the number of log messages in the trace output for the processor is too high, resulting in lost log messages.

Application code -

Processing.cs -

Database.cs -

ReceiptUploader.cs -

ConfigureSSE.ps1 -

Question

DRAG DROP -

You need to add code at line PC32 in Processing.cs to implement the GetCredentials method in the Processing class.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.Select and Place:

;BFA &&Introductory Info

Background -

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Web Application -

You enable MSI for the Web App and configure the Web App to use the security principal name WebAppIdentity.

Processing -

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Application code -

Processing.cs -

Database.cs -

ReceiptUploader.cs -

ConfigureSSE.ps1 -

Question

DRAG DROP -

You need to ensure disaster recovery requirements are met.

What code should you add at line PC16?

To answer, drag the appropriate code fragments to the correct locations. Each code fragment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point

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Question

HOTSPOT -

You need to add code at line PC26 of Processing.cs to ensure that security policies are met.

How should you complete the code that you will add at line PC26? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

;D &&Introductory Info

Background -

You are a developer for Litware Inc., a SaaS company that provides a solution for managing employee expenses. The solution consists of an ASP.NET Core WebAPI project that is deployed as an Azure Web App.

Overall architecture -

Employees upload receipts for the system to process. When processing is complete, the employee receives a summary report email that details the processing results. Employees then use a web application to manage their receipts and perform any additional tasks needed for reimbursement.

Receipt processing -

Employees may upload receipts in two ways:Uploading using an Azure Files mounted folderUploading using the web application

Data Storage -

Receipt and employee information is stored in an Azure SQL database.

Documentation -

Employees are provided with a getting started document when they first use the solution. The documentation includes details on supported operating systems forAzure File upload, and instructions on how to configure the mounted folder.

Solution details -

Users table -

Column \_\_\_\_ Description

UserId \_\_\_\_unique identifier for and employee

ExpenseAccount \_\_\_\_ employees expense account number in the format 1234-123-1234

AllowedAmount \_\_\_\_ limit of allowed expenses before approval is needed

SupervisorId \_\_\_\_ unique identifier for employee's supervisor

SecurityPin \_\_\_\_ value used to validate user identity

Web Application -

You enable MSI for the Web App and configure the Web App to use the security principal name WebAppIdentity.

Processing -

Processing is performed by an Azure Function that uses version 2 of the Azure Function runtime. Once processing is completed, results are stored in Azure BlobStorage and an Azure SQL database. Then, an email summary is sent to the user with a link to the processing report. The link to the report must remain valid if the email is forwarded to another user.

Logging -

Azure Application Insights is used for telemetry and logging in both the processor and the web application. The processor also has TraceWriter logging enabled.Application Insights must always contain all log messages.

Requirements -

Receipt processing -

Concurrent processing of a receipt must be prevented.

Disaster recovery -

Regional outage must not impact application availability. All DR operations must not be dependent on application running and must ensure that data in the DR region is up to date.

Security -

User's SecurityPin must be stored in such a way that access to the database does not allow the viewing of SecurityPins. The web application is the only system that should have access to SecurityPins.

All certificates and secrets used to secure data must be stored in Azure Key Vault.

You must adhere to the principle of least privilege and provide privileges which are essential to perform the intended function.

All access to Azure Storage and Azure SQL database must use the application's Managed Service Identity (MSI).

Receipt data must always be encrypted at rest.

All data must be protected in transit.

User's expense account number must be visible only to logged in users. All other views of the expense account number should include only the last segment, with the remaining parts obscured.

In the case of a security breach, access to all summary reports must be revoked without impacting other parts of the system.

Issues -

Upload format issue -

Employees occasionally report an issue with uploading a receipt using the web application. They report that when they upload a receipt using the Azure FileShare, the receipt does not appear in their profile. When this occurs, they delete the file in the file share and use the web application, which returns a 500 InternalServer error page.

Capacity issue -

During busy periods, employees report long delays between the time they upload the receipt and when it appears in the web application.

Log capacity issue -

Developers report that the number of log messages in the trace output for the processor is too high, resulting in lost log messages.

Application code -

Processing.cs -

Database.cs -

ReceiptUploader.cs -

ConfigureSSE.ps1 -

Question

You need to ensure the security policies are met.What code do you add at line CS07 of ConfigureSSE.ps1?

A. ג€"PermissionsToKeys create, encrypt, decrypt

B. ג€"PermissionsToCertificates create, encrypt, decrypt

C. ג€"PermissionsToCertificates wrapkey, unwrapkey, get

D. ג€"PermissionsToKeys wrapkey, unwrapkey, get

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Web Application -

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Processing -

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Application code -

Processing.cs -

Database.cs -

ReceiptUploader.cs -

ConfigureSSE.ps1 -

Question

You need to ensure receipt processing occurs correctly.What should you do?

A. Use blob properties to prevent concurrency problems

B. Use blob SnapshotTime to prevent concurrency problems

C. Use blob metadata to prevent concurrency problems

D. Use blob leases to prevent concurrency problems

;D &&Introductory Info

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Application code -

Processing.cs -

Database.cs -

ReceiptUploader.cs -

ConfigureSSE.ps1 -

Question

You need to resolve the capacity issue.What should you do?

A. Convert the trigger on the Azure Function to an Azure Blob storage trigger

B. Ensure that the consumption plan is configured correctly to allow scaling

C. Move the Azure Function to a dedicated App Service Plan

D. Update the loop starting on line PC09 to process items in parallel

;C &&Introductory Info

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Application code -

Processing.cs -

Database.cs -

ReceiptUploader.cs -

ConfigureSSE.ps1 -

Question

You need to resolve the log capacity issue.What should you do?

A. Create an Application Insights Telemetry Filter

B. Change the minimum log level in the host.json file for the function

C. Implement Application Insights Sampling

D. Set a LogCategoryFilter during startup

;A &&LabelMaker app -

Coho Winery produces, bottles, and distributes a variety of wines globally. You are a developer implementing highly scalable and resilient applications to support online order processing by using Azure solutions.

Coho Winery has a LabelMaker application that prints labels for wine bottles. The application sends data to several printers. The application consists of five modules that run independently on virtual machines (VMs). Coho Winery plans to move the application to Azure and continue to support label creation.

External partners send data to the LabelMaker application to include artwork and text for custom label designs.

Requirements. Data -

You identify the following requirements for data management and manipulation:

Order data is stored as nonrelational JSON and must be queried using SQL.

Changes to the Order data must reflect immediately across all partitions. All reads to the Order data must fetch the most recent writes.

Requirements. Security -

You have the following security requirements:

Users of Coho Winery applications must be able to provide access to documents, resources, and applications to external partners.

External partners must use their own credentials and authenticate with their organization's identity management solution.

External partner logins must be audited monthly for application use by a user account administrator to maintain company compliance.

Storage of e-commerce application settings must be maintained in Azure Key Vault.

E-commerce application sign-ins must be secured by using Azure App Service authentication and Azure Active Directory (AAD).

Conditional access policies must be applied at the application level to protect company content.

The LabelMaker application must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.

Requirements. LabelMaker app -

Azure Monitor Container Health must be used to monitor the performance of workloads that are deployed to Kubernetes environments and hosted on AzureKubernetes Service (AKS).

You must use Azure Container Registry to publish images that support the AKS deployment.

Architecture -

Issues -

Calls to the Printer API App fail periodically due to printer communication timeouts.

Printer communication timeouts occur after 10 seconds. The label printer must only receive up to 5 attempts within one minute.

The order workflow fails to run upon initial deployment to Azure.

Order.json -

Relevant portions of the app files are shown below. Line numbers are included for reference only.

This JSON file contains a representation of the data for an order that includes a single item.

Order.json -

Question

HOTSPOT -

You need to configure Azure Cosmos DB.

Which settings should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

Consistency Level:

A. Strong

B. Bounded-staleness

C. Session

D. Eventual

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Which settings should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point

API:

A. SQL

B. MongoDB

C. Graph

D. Table

;AAAC &&LabelMaker app -

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Order.json -

Question

HOTSPOT -You need to retrieve all order line items from Order.json and sort the data alphabetically by the city.How should you complete the code? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.Hot Area:

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Question

HOTSPOT -

You need to update the order workflow to address the issue when calling the Printer API App.

How should you complete the code? To answer, select the appropriate options in the answer area.

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Question

You need to troubleshoot the order workflow.Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Review the API connections.

B. Review the activity log.

C. Review the run history.

D. Review the trigger history.

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DRAG DROP -

You need to deploy a new version of the LabelMaker application to ACR.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.Select and Place:

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E-commerce application sign-ins must be secured by using Azure App Service authentication and Azure Active Directory (AAD).

Conditional access policies must be applied at the application level to protect company content.

The LabelMaker application must be secured by using an AAD account that has full access to all namespaces of the Azure Kubernetes Service (AKS) cluster.

Requirements. LabelMaker app -

Azure Monitor Container Health must be used to monitor the performance of workloads that are deployed to Kubernetes environments and hosted on AzureKubernetes Service (AKS).

You must use Azure Container Registry to publish images that support the AKS deployment.

Architecture -

Issues -

Calls to the Printer API App fail periodically due to printer communication timeouts.

Printer communication timeouts occur after 10 seconds. The label printer must only receive up to 5 attempts within one minute.

The order workflow fails to run upon initial deployment to Azure.

Order.json -

Relevant portions of the app files are shown below. Line numbers are included for reference only.

This JSON file contains a representation of the data for an order that includes a single item.

Order.json -

Question

You need to access data from the user claim object in the e-commerce web app.What should you do first?

A. Write custom code to make a Microsoft Graph API call from the e-commerce web app.

B. Assign the Contributor RBAC role to the e-commerce web app by using the Resource Manager create role assignment API.

C. Update the e-commerce web app to read the HTTP request header values.

D. Using the Azure CLI, enable Cross-origin resource sharing (CORS) from the e-commerce checkout API to the e-commerce web app.

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The company supports thousands of store locations globally. Store locations send data every hour to an Azure Blob storage account to support inventory, purchasing and delivery services. Each record includes a location identifier and sales transaction information.

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Delivery services -

Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id, the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

Store delivery driver profile information in Azure Active Directory (Azure AD) by using an Azure Function called from the corporate website.

Inventory services -

The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security -

All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.

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Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

Question

HOTSPOT -

You need to implement the Azure Function for delivery driver profile information.Which configurations should you use? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.Hot Area:

Code library:

A. Microsoft Authentication Library (MSAL)

B. Microsoft Azure Key Vault SDK

C. Azure Identity Library

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API:

A. Microsoft Graph

B. Azure Active Directory Graph

C. Azure Key Valut

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Question

You need to grant access to the retail store location data for the inventory service development effort.What should you use?

A. Azure AD access token

B. Azure RBAC role

C. Shared access signature (SAS) token

D. Azure AD ID token

E. Azure AD refresh token

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Question

You need to audit the retail store sales transactions.What are two possible ways to achieve the goal? Each correct answer presents a complete solution.NOTE: Each correct selection is worth one point.

A. Update the retail store location data upload process to include blob index tags. Create an Azure Function to process the blob index tags and filter by store location.

B. Process the change feed logs of the Azure Blob storage account by using an Azure Function. Specify a time range for the change feed data.

C. Enable blob versioning for the storage account. Use an Azure Function to process a list of the blob versions per day.

D. Process an Azure Storage blob inventory report by using an Azure Function. Create rule filters on the blob inventory report.

E. Subscribe to blob storage events by using an Azure Function and Azure Event Grid. Filter the events by store location.

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Question

You need to implement event routing for retail store location data.Which configurations should you use? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

Source:

A. Azure Blob Storage

B. Azure Event Grid

C. Azure Service Bus

D. Azure Event Hub

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Receiver:

A. Azure Event Grid

B. Azure Event Hub

C. Azure Service Bus

D. Azure Blob Storage

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Handler:

A. Azure Function App

B. Azure Logic App

C. Azure Event Grid

D. Azure Blob Storage

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Question

You need to implement the retail store location Azure Function.How should you configure the solution? To answer, select the appropriate options in the answer area.

Binding:

A. Blob storage

B. Azure Cosmos DB

C. Event Grid

D. HTTP

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Biding Direction:

A. Input

B. Output

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Question

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Plan:

A. Free

B. Standard

C. Premium

D. Isolated

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The company supports thousands of store locations globally. Store locations send data every hour to an Azure Blob storage account to support inventory, purchasing and delivery services. Each record includes a location identifier and sales transaction information.

Requirements -

The application components must meet the following requirements:

Corporate website -

Secure the website by using SSL.

Minimize costs for data storage and hosting.

Implement native GitHub workflows for continuous integration and continuous deployment (CI/CD).

Distribute the website content globally for local use.

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The website must have 99.95 percent uptime.

Retail store locations -

Azure Functions must process data immediately when data is uploaded to Blob storage. Azure Functions must update Azure Cosmos DB by using native SQL language queries.

Audit store sale transaction information nightly to validate data, process sales financials, and reconcile inventory.

Delivery services -

Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id, the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

Store delivery driver profile information in Azure Active Directory (Azure AD) by using an Azure Function called from the corporate website.

Inventory services -

The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security -

All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.

Authentication and authorization must use Azure AD and services must use managed identities where possible.

Issues -

Retail Store Locations -

You must perform a point-in-time restoration of the retail store location data due to an unexpected and accidental deletion of data.

Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

Question

You need to implement a solution to resolve the retail store location data issue.Which three Azure Blob features should you enable? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

A. Soft delete

B. Change feed

C. Snapshots

D. Versioning

E. Object replication

F. Immutability

;A &&Background -

VanArsdel, Ltd. is a global office supply company. The company is based in Canada and has retail store locations across the world. The company is developing several cloud-based solutions to support their stores, distributors, suppliers, and delivery services.

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Question

You need to implement the retail store location Azure Function.How should you configure the solution? To answer, select the appropriate options in the answer area.

Service:

A. App Service Web App

B. App Service Static Web App

C. Azure Function App

D. Azure Blob Storage

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Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

Question

You need to reliably identify the delivery driver profile information.How should you configure the system? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

JSON web toke (JWT) type:

A. ID

B. Refresh

C. Access

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Question

You need to reliably identify the delivery driver profile information.How should you configure the system? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

Payload claim value:

A. oid

B. aud

C. idp

;AD &&Background -

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Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

Question

You need to secure the Azure Functions to meet the security requirements.Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Store the RSA-HSM key in Azure Key Vault with soft-delete and purge-protection features enabled.

B. Store the RSA-HSM key in Azure Blob storage with an immutability policy applied to the container.

C. Create a free tier Azure App Configuration instance with a new Azure AD service principal.

D. Create a standard tier Azure App Configuration instance with an assigned Azure AD managed identity.

E. Store the RSA-HSM key in Azure Cosmos DB. Apply the built-in policies for customer-managed keys and allowed locations.

;EAB &&Background -

Overview -

You are a developer for Contoso, Ltd. The company has a social networking website that is developed as a Single Page Application (SPA). The main web application for the social networking website loads user uploaded content from blob storage.

You are developing a solution to monitor uploaded data for inappropriate content. The following process occurs when users upload content by using the SPA:

\* Messages are sent to ContentUploadService.

\* Content is processed by ContentAnalysisService.

\* After processing is complete, the content is posted to the social network or a rejection message is posted in its place.

The ContentAnalysisService is deployed with Azure Container Instances from a private Azure Container Registry named contosoimages

.The solution will use eight CPU cores.

Azure Active Directory -

Contoso, Ltd. uses Azure Active Directory (Azure AD) for both internal and guest accounts.

Requirements -

ContentAnalysisService -

The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.You must create an Azure Function named CheckUserContent to perform the content checks.

Costs -

You must minimize costs for all Azure services.

Manual review -

To review content, the user must authenticate to the website portion of the ContentAnalysisService using their Azure AD credentials. The website is built usingReact and all pages and API endpoints require authentication. In order to review content a user must be part of a ContentReviewer role. All completed reviews must include the reviewer's email address for auditing purposes.

High availability -

All services must run in multiple regions. The failure of any service in a region must not impact overall application availability.

Monitoring -

An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU cores.

Security -

You have the following security requirements:

Any web service accessible over the Internet must be protected from cross site scripting attacks.

All websites and services must use SSL from a valid root certificate authority.

Azure Storage access keys must only be stored in memory and must be available only to the service.

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User agreements -

When a user submits content, they must agree to a user agreement. The agreement allows employees of Contoso, Ltd. to review content, store cookies on user devices, and track user's IP addresses.

Information regarding agreements is used by multiple divisions within Contoso, Ltd.

User responses must not be lost and must be available to all parties regardless of individual service uptime. The volume of agreements is expected to be in the millions per hour.

Validation testing -

When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.

Issues -

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code -

ContentUploadService -

ApplicationManifest -

Question

DRAG DROP -

You need to add markup at line AM04 to implement the ContentReview role.

How should you complete the markup? To answer, drag the appropriate json segments to the correct locations. Each json segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.Select and Place:

;DA &&Background -

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NOTE: Each correct selection is worth one point.Select and Place:

\_\_\_\_\_\_\_\_\_\_\_\_

A. "allowPublicClient": true

B. "oauth2Permission": ["login"]

C. "oauth2AllowUrlPathMatching": true

D. "oauth2AllowIdTokenImplicitFlow": true

\_\_\_\_\_\_\_\_\_\_\_\_

A. "oauth2AllowImplicitFlow": true

B. "oauth2RequiredPostResponse": true

C. "preAuthorizedApplications": ["SPA"]

D. "knownClientApplications": ["ContentAnalysisService"]

;A &&Background -

Overview -

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Issues -

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Code -

ContentUploadService -

ApplicationManifest -

Question

You need to ensure that network security policies are met.

How should you configure network security? To answer, select the appropriate options in the answer area

SSL certificate:

A. Valid root certificate

B. Self-signed certificate

;B &&Background -

Overview -

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Code -

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ApplicationManifest -

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You need to ensure that network security policies are met.

How should you configure network security? To answer, select the appropriate options in the answer area

Proxy type:

A. nginx

B. Azure Application Gateway

;EDA &&Background -

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Code -

ContentUploadService -

ApplicationManifest -

Question

DRAG DROP -

You need to add YAML markup at line CS17 to ensure that the ContentUploadService can access Azure Storage access keys.

How should you complete the YAML markup? To answer, drag the appropriate YAML segments to the correct locations. Each YAML segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;CC &&Background -

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Validation testing -

When a new version of the ContentAnalysisService is available the previous seven days of content must be processed with the new version to verify that the new version does not significantly deviate from the old version.

Issues -

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code -

ContentUploadService -

ApplicationManifest -

Question

HOTSPOT -

You need to add code at line AM10 of the application manifest to ensure that the requirement for manually reviewing content can be met.

How should you complete the code? To answer, select the appropriate options in the answer area.

;C &&Background -

Overview -

You are a developer for Contoso, Ltd. The company has a social networking website that is developed as a Single Page Application (SPA). The main web application for the social networking website loads user uploaded content from blob storage.

You are developing a solution to monitor uploaded data for inappropriate content. The following process occurs when users upload content by using the SPA:

\* Messages are sent to ContentUploadService.

\* Content is processed by ContentAnalysisService.

\* After processing is complete, the content is posted to the social network or a rejection message is posted in its place.

The ContentAnalysisService is deployed with Azure Container Instances from a private Azure Container Registry named contosoimages

.The solution will use eight CPU cores.

Azure Active Directory -

Contoso, Ltd. uses Azure Active Directory (Azure AD) for both internal and guest accounts.

Requirements -

ContentAnalysisService -

The company's data science group built ContentAnalysisService which accepts user generated content as a string and returns a probable value for inappropriate content. Any values over a specific threshold must be reviewed by an employee of Contoso, Ltd.You must create an Azure Function named CheckUserContent to perform the content checks.

Costs -

You must minimize costs for all Azure services.

Manual review -

To review content, the user must authenticate to the website portion of the ContentAnalysisService using their Azure AD credentials. The website is built usingReact and all pages and API endpoints require authentication. In order to review content a user must be part of a ContentReviewer role. All completed reviews must include the reviewer's email address for auditing purposes.

High availability -

All services must run in multiple regions. The failure of any service in a region must not impact overall application availability.

Monitoring -

An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU cores.

Security -

You have the following security requirements:

Any web service accessible over the Internet must be protected from cross site scripting attacks.

All websites and services must use SSL from a valid root certificate authority.

Azure Storage access keys must only be stored in memory and must be available only to the service.

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Issues -

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code -

ContentUploadService -

ApplicationManifest -

Question

You need to monitor ContentUploadService according to the requirements.Which command should you use?

A. az monitor metrics alert create ג€"n alert ג€"g ג€¦ - -scopes ג€¦ - -condition "avg Percentage CPU > 8"

B. az monitor metrics alert create ג€"n alert ג€"g ג€¦ - -scopes ג€¦ - -condition "avg Percentage CPU > 800"

C. az monitor metrics alert create ג€"n alert ג€"g ג€¦ - -scopes ג€¦ - -condition "CPU Usage > 800"

D. az monitor metrics alert create ג€"n alert ג€"g ג€¦ - -scopes ג€¦ - -condition "CPU Usage > 8"

;D &&Background -

Overview -

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Issues -

Users of the ContentUploadService report that they occasionally see HTTP 502 responses on specific pages.

Code -

ContentUploadService -

ApplicationManifest -

Question

You need to investigate the http server log output to resolve the issue with the ContentUploadService.Which command should you use first?

A. az webapp log

B. az ams live-output

C. az monitor activity-log

D. az container attach

;ADA &&Background -

Overview -

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Issues -

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Code -

ContentUploadService -

ApplicationManifest -

Question

You need to investigate the http server log output to resolve You need to ensure that validation testing is triggered per the requirements.

How should you complete the code segment? To answer, select the appropriate values in the answer area.NOTE: Each correct selection is worth one point.

;B &&Background -

Overview -

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Issues -

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Code -

ContentUploadService -

ApplicationManifest -

Question

You need to deploy the CheckUserContent Azure Function. The solution must meet the security and cost requirements.Which hosting model should you use?

A. Premium plan

B. App Service plan

C. Consumption plan

;B &&Background -

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Code -

ContentUploadService -

ApplicationManifest -

Question

You need to store the user agreements.Where should you store the agreement after it is completed?

A. Azure Storage queue

B. Azure Event Hub

C. Azure Service Bus topic

D. Azure Event Grid topic

;BD &&Background -

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Issues -

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Code -

ContentUploadService -

ApplicationManifest -

Question

HOTSPOT -

You need to implement the bindings for the CheckUserContent function.

How should you complete the code segment? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

;A &&Background -

Overview -

You are a developer for Contoso, Ltd. The company has a social networking website that is developed as a Single Page Application (SPA). The main web application for the social networking website loads user uploaded content from blob storage.

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Issues -

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Code -

ContentUploadService -

ApplicationManifest -

Question

You need to configure the ContentUploadService deployment.Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Add the following markup to line CS23: type: Private

B. Add the following markup to line CS24: osType: Windows

C. Add the following markup to line CS24: osType: Linux

D. Add the following markup to line CS23: type: Public

;ABD &&Background -

City Power & Light company provides electrical infrastructure monitoring solutions for homes and businesses. The company is migrating solutions to Azure.

Current environment -

Architecture overview -

The company has a public website located at http://www.cpandl.com/. The site is a single-page web application that runs in Azure App Service on Linux. The website uses files stored in Azure Storage and cached in Azure Content Delivery Network (CDN) to serve static content.

API Management and Azure Function App functions are used to process and store data in Azure Database for PostgreSQL. API Management is used to broker communications to the Azure Function app functions for Logic app integration. Logic apps are used to orchestrate the data processing while Service Bus andEvent Grid handle messaging and events.

The solution uses Application Insights, Azure Monitor, and Azure Key Vault.

Architecture diagram -

The company has several applications and services that support their business. The company plans to implement serverless computing where possible. The overall architecture is shown below.

User authentication -

The following steps detail the user authentication process:

1. The user selects Sign in in the website.

2. The browser redirects the user to the Azure Active Directory (Azure AD) sign in page.

3. The user signs in.

4. Azure AD redirects the user's session back to the web application. The URL includes an access token.

5. The web application calls an API and includes the access token in the authentication header. The application ID is sent as the audience ('aud') claim in the access token.

6. The back-end API validates the access token.

Requirements -

Corporate website -

Communications and content must be secured by using SSL.

Communications must use HTTPS.

Data must be replicated to a secondary region and three availability zones.

Data storage costs must be minimized.

Azure Database for PostgreSQL -

The database connection string is stored in Azure Key Vault with the following attributes:

Azure Key Vault name: cpandlkeyvault

Secret name: PostgreSQLConn

Id: 80df3e46ffcd4f1cb187f79905e9a1e8

The connection information is updated frequently. The application must always use the latest information to connect to the database.

Azure Service Bus and Azure Event Grid

Azure Event Grid must use Azure Service Bus for queue-based load leveling.

Events in Azure Event Grid must be routed directly to Service Bus queues for use in buffering.

Events from Azure Service Bus and other Azure services must continue to be routed to Azure Event Grid for processing.

Security -

All SSL certificates and credentials must be stored in Azure Key Vault.

File access must restrict access by IP, protocol, and Azure AD rights.

All user accounts and processes must receive only those privileges which are essential to perform their intended function.

Compliance -

Auditing of the file updates and transfers must be enabled to comply with General Data Protection Regulation (GDPR). The file updates must be read-only, stored in the order in which they occurred, include only create, update, delete, and copy operations, and be retained for compliance reasons.

Issues -

Corporate website -

While testing the site, the following error message displays:

CryptographicException: The system cannot find the file specified.

Function app -

You perform local testing for the RequestUserApproval function. The following error message displays:

'Timeout value of 00:10:00 exceeded by function: RequestUserApproval'

The same error message displays when you test the function in an Azure development environment when you run the following Kusto query:

FunctionAppLogs -

| where FunctionName = = "RequestUserApproval"

Logic app -

You test the Logic app in a development environment. The following error message displays:'

400 Bad Request'

Troubleshooting of the error shows an HttpTrigger action to call the RequestUserApproval function.

Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

HOTSPOT -

You need to retrieve the database connection string.

Which values should you use? To answer, select the appropriate options in the answer area.

;GAFD &&Background -

City Power & Light company provides electrical infrastructure monitoring solutions for homes and businesses. The company is migrating solutions to Azure.

Current environment -

Architecture overview -

The company has a public website located at http://www.cpandl.com/. The site is a single-page web application that runs in Azure App Service on Linux. The website uses files stored in Azure Storage and cached in Azure Content Delivery Network (CDN) to serve static content.

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Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

You need to correct the corporate website error.

Which four actions should you recommend be performed in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

Select and Place:

;D &&Background -

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Requirements -

Corporate website -

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Azure Database for PostgreSQL -

The database connection string is stored in Azure Key Vault with the following attributes:

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Issues -

Corporate website -

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| where FunctionName = = "RequestUserApproval"

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400 Bad Request'

Troubleshooting of the error shows an HttpTrigger action to call the RequestUserApproval function.

Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

You need to configure API Management for authentication.

Which policy values should you use? To answer, select the appropriate options in the answer area.

Policy:

A. Check HTTP header

B. Restrict caller IPs

C. Limit call rate by key

D. Validate JWT

;A &&Background -

City Power & Light company provides electrical infrastructure monitoring solutions for homes and businesses. The company is migrating solutions to Azure.

Current environment -

Architecture overview -

The company has a public website located at http://www.cpandl.com/. The site is a single-page web application that runs in Azure App Service on Linux. The website uses files stored in Azure Storage and cached in Azure Content Delivery Network (CDN) to serve static content.

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Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

Policy section:

A. Inbound

B. Outbound

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Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

You need to authenticate the user to the corporate website as indicated by the architectural diagram.Which two values should you use? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. ID token signature

B. ID token claims

C. HTTP response code

D. Azure AD endpoint URI

E. Azure AD tenant ID

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Code -

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Security.cs:

Function app -

RequestUserApproval.cs:

Question

You need to correct the Azure Logic app error message.Which configuration values should you use? To answer, select the appropriate options in the answer area

Authentication level

A. Anonymous

B. Function

C. Admin

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Question

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Managed indentity

A. System-assigned

B. User-assigned

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Code -

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Function app -

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Question

You need to configure Azure Service Bus to Event Grid integration.

Which Azure Service Bus settings should you use? To answer, select the appropriate options in the answer area.

Tier

A. Basic

B. Standard

C. Premium

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Question

You need to configure Azure Service Bus to Event Grid integration.

Which Azure Service Bus settings should you use? To answer, select the appropriate options in the answer area.

RBAC role

A. Owner

B. Contributor

C. Azure Service Bus Data Owner

D. Azure Service Bus Rata Receiver

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Code -

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Question

You need to investigate the Azure Function app error message in the development environment.What should you do?

A. Connect Live Metrics Stream from Application Insights to the Azure Function app and filter the metrics.

B. Create a new Azure Log Analytics workspace and instrument the Azure Function app with Application Insights.

C. Update the Azure Function app with extension methods from Microsoft.Extensions.Logging to log events by using the log instance.

D. Add a new diagnostic setting to the Azure Function app to send logs to Log Analytics.

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Compliance -

Auditing of the file updates and transfers must be enabled to comply with General Data Protection Regulation (GDPR). The file updates must be read-only, stored in the order in which they occurred, include only create, update, delete, and copy operations, and be retained for compliance reasons.

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Corporate website -

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Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

You need to configure security and compliance for the corporate website files.

Which Azure Blob storage settings should you use? To answer, select the appropriate options in the answer area.

Restrict file access:

A. Role-based access control (RBAC)

B. Managed identity

C. Shared access signature (SAS) token

D. Connection string

;B &&Background -

City Power & Light company provides electrical infrastructure monitoring solutions for homes and businesses. The company is migrating solutions to Azure.

Current environment -

Architecture overview -

The company has a public website located at http://www.cpandl.com/. The site is a single-page web application that runs in Azure App Service on Linux. The website uses files stored in Azure Storage and cached in Azure Content Delivery Network (CDN) to serve static content.

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Architecture diagram -

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User authentication -

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Question

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Which Azure Blob storage settings should you use? To answer, select the appropriate options in the answer area.

Enable file auditing:

A. access tier

B. change feed

C. blob indexer

D. storage account type

;C &&Background -

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Code -

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RequestUserApproval.cs:

Question

You need to correct the RequestUserApproval Function app error.What should you do?

A. Update line RA13 to use the async keyword and return an HttpRequest object value.

B. Configure the Function app to use an App Service hosting plan. Enable the Always On setting of the hosting plan.

C. Update the function to be stateful by using Durable Functions to process the request payload.

D. Update the functionTimeout property of the host.json project file to 15 minutes.

;AAC &&Background -

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Code -

Corporate website -

Security.cs:

Function app -

RequestUserApproval.cs:

Question

HOTSPOT -

You need to configure the integration for Azure Service Bus and Azure Event Grid.

How should you complete the CLI statement? To answer, select the appropriate options in the answer area.

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Code -

Corporate website -

Security.cs:

Function app -

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Question

You need to ensure that all messages from Azure Event Grid are processed.What should you use?

A. Azure Event Grid topic

B. Azure Service Bus topic

C. Azure Service Bus queue

D. Azure Storage queue

E. Azure Logic App custom connector

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Code -

Corporate website -

Security.cs:

Function app -

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Question

You need to configure the Account Kind, Replication, and Access tier options for the corporate website's Azure Storage account.

How should you complete the configuration? To answer, select the appropriate options in the dialog box in the answer area.

;BE &&Background -

VanArsdel, Ltd. is a global office supply company. The company is based in Canada and has retail store locations across the world. The company is developing several cloud-based solutions to support their stores, distributors, suppliers, and delivery services.

Current environment -

Corporate website -

The company provides a public website located at http://www.vanarsdelltd.com. The website consists of a React JavaScript user interface, HTML, CSS, image assets, and several APIs hosted in Azure Functions.

Retail Store Locations -

The company supports thousands of store locations globally. Store locations send data every hour to an Azure Blob storage account to support inventory, purchasing and delivery services. Each record includes a location identifier and sales transaction information.

Requirements -

The application components must meet the following requirements:

Corporate website -

Secure the website by using SSL.

Minimize costs for data storage and hosting.

Implement native GitHub workflows for continuous integration and continuous deployment (CI/CD).

Distribute the website content globally for local use.

Implement monitoring by using Application Insights and availability web tests including SSL certificate validity and custom header value verification.

The website must have 99.95 percent uptime.

Retail store locations -

Azure Functions must process data immediately when data is uploaded to Blob storage. Azure Functions must update Azure Cosmos DB by using native SQL language queries.

Audit store sale transaction information nightly to validate data, process sales financials, and reconcile inventory.

Delivery services -

Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id, the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

Store delivery driver profile information in Azure Active Directory (Azure AD) by using an Azure Function called from the corporate website.

Inventory services -

The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security -

All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.

Authentication and authorization must use Azure AD and services must use managed identities where possible.

Issues -

Retail Store Locations -

You must perform a point-in-time restoration of the retail store location data due to an unexpected and accidental deletion of data.

Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

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Question

You need to reduce read latency for the retail store solution.

What are two possible ways to achieve the goal? Each correct answer presents a complete solution.NOTE: Each correct selection is worth one point.

A. Create a new composite index for the store location data queries in Azure Cosmos DB. Modify the queries to support parameterized SQL and update the Azure Function app to call the new queries.

B. Provision an Azure Cosmos DB dedicated gateway. Update the Azure Function app connection string to use the new dedicated gateway endpoint.

C. Configure Azure Cosmos DB consistency to session consistency. Cache session tokens in a new Azure Redis cache instance after every write. Update reads to use the session token stored in Azure Redis.

D. Provision an Azure Cosmos DB dedicated gateway. Update blob storage to use the new dedicated gateway endpoint.

E. Configure Azure Cosmos DB consistency to strong consistency. Increase the RUs for the container supporting store location data.

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Issues -

Retail Store Locations -

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Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

Question

You need to implement event routing for retail store location data.Which configurations should you use? To answer, select the appropriate options in the answer area.

Source:

A. Azure Blob Storage

B. Azure Event Grid

C. Azure Service Bus

D. Azure Event Hub

;A &&Background -

VanArsdel, Ltd. is a global office supply company. The company is based in Canada and has retail store locations across the world. The company is developing several cloud-based solutions to support their stores, distributors, suppliers, and delivery services.

Current environment -

Corporate website -

The company provides a public website located at http://www.vanarsdelltd.com. The website consists of a React JavaScript user interface, HTML, CSS, image assets, and several APIs hosted in Azure Functions.

Retail Store Locations -

The company supports thousands of store locations globally. Store locations send data every hour to an Azure Blob storage account to support inventory, purchasing and delivery services. Each record includes a location identifier and sales transaction information.

Requirements -

The application components must meet the following requirements:

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Secure the website by using SSL.

Minimize costs for data storage and hosting.

Implement native GitHub workflows for continuous integration and continuous deployment (CI/CD).

Distribute the website content globally for local use.

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The website must have 99.95 percent uptime.

Retail store locations -

Azure Functions must process data immediately when data is uploaded to Blob storage. Azure Functions must update Azure Cosmos DB by using native SQL language queries.

Audit store sale transaction information nightly to validate data, process sales financials, and reconcile inventory.

Delivery services -

Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id, the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

Store delivery driver profile information in Azure Active Directory (Azure AD) by using an Azure Function called from the corporate website.

Inventory services -

The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security -

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Question

You need to implement event routing for retail store location data.Which configurations should you use? To answer, select the appropriate options in the answer area.

Receiver:

A. Azure Event Grid

B. Azure Event Hub

C. Azure Service Bus

D. Azure Blob Storage

;B &&Background -

VanArsdel, Ltd. is a global office supply company. The company is based in Canada and has retail store locations across the world. The company is developing several cloud-based solutions to support their stores, distributors, suppliers, and delivery services.

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Question

You need to implement the retail store location Azure Function.

How should you configure the solution? To answer, select the appropriate options in the answer area.

Binding:

A. Blob Storage

B. Azure Cosmos DB

C. Event Grid

D. HTTP

;B &&Background -

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Binding Direction:

A. Input

B. Output

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Question

You need to implement the retail store location Azure Function.

How should you configure the solution? To answer, select the appropriate options in the answer area.

Trigger:

A. Blob Storage

B. Azure Cosmos DB

C. Event Grid

D. HTTP

;BDG &&Background -

You are a developer for Proseware, Inc. You are developing an application that applies a set of governance policies for Proseware's internal services, external services, and applications. The application will also provide a shared library for common functionality.

Requirements -

Policy service -

You develop and deploy a stateful ASP.NET Core 2.1 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.

The application must include the Event Grid Event ID field in all Application Insights telemetry.

Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.

Policies -

Log policy -

All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a container named logdrop. Logs must remain in the container for 15 days.

Authentication events -

Authentication events are used to monitor users signing in and signing out. All authentication events must be processed by Policy service. Sign outs must be processed as quickly as possible.

PolicyLib -

You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

Exclude non-user actions from Application Insights telemetry.

Provide methods that allow a web service to scale itself.

Ensure that scaling actions do not disrupt application usage.

Other -

Anomaly detection service -

You have an anomaly detection service that analyzes log information for anomalies. It is implemented as an Azure Machine Learning model. The model is deployed as a web service. If an anomaly is detected, an Azure Function that emails administrators is called by using an HTTP WebHook.

Health monitoring -

All web applications and services have health monitoring at the /health service endpoint.

Issues -

Policy loss -

When you deploy Policy service, policies may not be applied if they were in the process of being applied during the deployment.

Performance issue -

When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.

Notification latency -

Users report that anomaly detection emails can sometimes arrive several minutes after an anomaly is detected.

App code -

EventGridController.cs -

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

LoginEvent.cs -

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

Question

DRAG DROP -

You need to implement the Log policy.

How should you complete the Azure Event Grid subscription? To answer, drag the appropriate JSON segments to the correct locations. Each JSON segment may be used once, more than once, or not at all. You may need to drag the split bar between panes to view content.

NOTE: Each correct selection is worth one point.

Select and Place:'

;D &&Background -

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Question

You need to ensure that the solution can meet the scaling requirements for Policy Service.Which Azure Application Insights data model should you use?

A. an Application Insights dependency

B. an Application Insights event

C. an Application Insights trace

D. an Application Insights metric

;EEECA &&Background -

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Requirements -

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Question

DRAG DROP -

You need to ensure that PolicyLib requirements are met.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;BDE &&Background -

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Policies -

Log policy -

All Azure App Service Web Apps must write logs to Azure Blob storage. All log files should be saved to a container named logdrop. Logs must remain in the container for 15 days.

Authentication events -

Authentication events are used to monitor users signing in and signing out. All authentication events must be processed by Policy service. Sign outs must be processed as quickly as possible.

PolicyLib -

You have a shared library named PolicyLib that contains functionality common to all ASP.NET Core web services and applications. The PolicyLib library must:

Exclude non-user actions from Application Insights telemetry.

Provide methods that allow a web service to scale itself.

Ensure that scaling actions do not disrupt application usage.

Other -

Anomaly detection service -

You have an anomaly detection service that analyzes log information for anomalies. It is implemented as an Azure Machine Learning model. The model is deployed as a web service. If an anomaly is detected, an Azure Function that emails administrators is called by using an HTTP WebHook.

Health monitoring -

All web applications and services have health monitoring at the /health service endpoint.

Issues -

Policy loss -

When you deploy Policy service, policies may not be applied if they were in the process of being applied during the deployment.

Performance issue -

When under heavy load, the anomaly detection service undergoes slowdowns and rejects connections.

Notification latency -

Users report that anomaly detection emails can sometimes arrive several minutes after an anomaly is detected.

App code -

EventGridController.cs -

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

LoginEvent.cs -

Relevant portions of the app files are shown below. Line numbers are included for reference only and include a two-character prefix that denotes the specific file to which they belong.

Question

DRAG DROP -

You need to add code at line EG15 in EventGridController.cs to ensure that the Log policy applies to all services.

How should you complete the code? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;ABC &&Background -

You are a developer for Proseware, Inc. You are developing an application that applies a set of governance policies for Proseware's internal services, external services, and applications. The application will also provide a shared library for common functionality.

Requirements -

Policy service -

You develop and deploy a stateful ASP.NET Core 2.1 web application named Policy service to an Azure App Service Web App. The application reacts to events from Azure Event Grid and performs policy actions based on those events.

The application must include the Event Grid Event ID field in all Application Insights telemetry.

Policy service must use Application Insights to automatically scale with the number of policy actions that it is performing.

Policies -

Log policy -

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LoginEvent.cs -

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Question

You need to insert code at line LE03 of LoginEvent.cs to ensure that all authentication events are processed correctly.

How should you complete the code? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

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Question

You need to implement the Log policy.

How should you complete the EnsureLogging method in EventGridController.cs? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

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Question

You need to resolve a notification latency issue.Which two actions should you perform? Each correct answer presents part of the solution.NOTE: Each correct selection is worth one point.

A. Set Always On to true.

B. Ensure that the Azure Function is using an App Service plan.

C. Set Always On to false.

D. Ensure that the Azure Function is set to use a consumption plan.

;B &&Background -

VanArsdel, Ltd. is a global office supply company. The company is based in Canada and has retail store locations across the world. The company is developing several cloud-based solutions to support their stores, distributors, suppliers, and delivery services.

Current environment -

Corporate website -

The company provides a public website located at http://www.vanarsdelltd.com. The website consists of a React JavaScript user interface, HTML, CSS, image assets, and several APIs hosted in Azure Functions.

Retail Store Locations -

The company supports thousands of store locations globally. Store locations send data every hour to an Azure Blob storage account to support inventory, purchasing and delivery services. Each record includes a location identifier and sales transaction information.

Requirements -

The application components must meet the following requirements:

Corporate website -

Secure the website by using SSL.

Minimize costs for data storage and hosting.

Implement native GitHub workflows for continuous integration and continuous deployment (CI/CD).

Distribute the website content globally for local use.

Implement monitoring by using Application Insights and availability web tests including SSL certificate validity and custom header value verification.

The website must have 99.95 percent uptime.

Retail store locations -

Azure Functions must process data immediately when data is uploaded to Blob storage. Azure Functions must update Azure Cosmos DB by using native SQL language queries.

Audit store sale transaction information nightly to validate data, process sales financials, and reconcile inventory.

Delivery services -

Store service telemetry data in Azure Cosmos DB by using an Azure Function. Data must include an item id, the delivery vehicle license plate, vehicle package capacity, and current vehicle location coordinates.

Store delivery driver profile information in Azure Active Directory (Azure AD) by using an Azure Function called from the corporate website.

Inventory services -

The company has contracted a third-party to develop an API for inventory processing that requires access to a specific blob within the retail store storage account for three months to include read-only access to the data.

Security -

All Azure Functions must centralize management and distribution of configuration data for different environments and geographies, encrypted by using a company-provided RSA-HSM key.

Authentication and authorization must use Azure AD and services must use managed identities where possible.

Issues -

Retail Store Locations -

You must perform a point-in-time restoration of the retail store location data due to an unexpected and accidental deletion of data.

Azure Cosmos DB queries from the Azure Function exhibit high Request Unit (RU) usage and contain multiple, complex queries that exhibit high point read latency for large items as the function app is scaling.

Question

You need to implement the corporate website.

How should you configure the solution? To answer, select the appropriate options in the answer area.NOTE: Each correct selection is worth one point.

Plan:

A. Free

B. Standard

C. Premium

D. Isolated

;A &&Background -

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Question

You need to implement the corporate website.

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Service:

A. App Service Web App

B. App Service Static Web App

C. Azure Function App

D. Azure Blob Storage

;CE &&You are creating an Azure Cosmos DB account that makes use of the SQL API. Data will be added to the account every day by a web application.

You need to ensure that an email notification is sent when information is received from IoT devices, and that compute cost is reduced.\You decide to deploy a function app.

Which of the following should you configure the function app to use? Answer by dragging the correct options from the list to the answer area.

;AED &&You are developing a Docker/Go using Azure App Service Web App for Containers. You plan to run the container in an App Service on Linux. You identify a Docker container image to use.

None of your current resource groups reside in a location that supports Linux. You must minimize the number of resource groups required.

You need to create the application and perform an initial deployment.

Which three Azure CLI commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

;DCAB &&Fourth Coffee has an ASP.NET Core web app that runs in Docker. The app is mapped to the www.fourthcoffee.com domain.

Fourth Coffee is migrating this application to Azure.

You need to provision an App Service Web App to host this docker image and map the custom domain to the App Service web app.

A resource group named FourthCoffeePublicWebResourceGroup has been created in the WestUS region that contains an App Service Plan namedAppServiceLinuxDockerPlan.

Which order should the CLI commands be used to develop the solution? To answer, move all of the Azure CLI commands from the list of commands to the answer area and arrange them in the correct order.

;ABDEC &&You plan to create a Docker image that runs an ASP.NET Core application named ContosoApp. You have a setup script named setupScript.ps1 and a series of application files including ContosoApp.dll.

You need to create a Dockerfile document that meets the following requirements:

✑ Call setupScripts.ps1 when the container is built.

✑ Run ContosoApp.dll when the container starts.

The Dockerfile document must be created in the same folder where ContosoApp.dll and setupScript.ps1 are stored.

Which five commands should you use to develop the solution? To answer, move the appropriate commands from the list of commands to the answer area and arrange them in the correct order.

;CDEBA &&You are developing an application to use Azure Blob storage. You have configured Azure Blob storage to include change feeds.

A copy of your storage account must be created in another region. Data must be copied from the current storage account to the new storage account directly between the storage servers.

You need to create a copy of the storage account in another region and copy the data.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

;ADBC &&You provision virtual machines (VMs) as development environments

.One VM does not start. The VM is stuck in a Windows update process. You attach the OS disk for the affected VM to a recovery VM.

You need to correct the issue.In which order should you perform the actions? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;CAB &&You have an application that uses Azure Blob storage.

You need to update the metadata of the blobs.

Which three methods should you use to develop the solution? To answer, move the appropriate methods from the list of methods to the answer area and arrange them in the correct order.

;ABD &&You are maintaining an existing application that uses an Azure Blob GPv1 Premium storage account. Data older than three months is rarely used.

Data newer than three months must be available immediately. Data older than a year must be saved but does not need to be available immediately.

You need to configure the account to support a lifecycle management rule that moves blob data to archive storage for data not modified in the last year.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;BD &&You are developing a web service that will run on Azure virtual machines that use Azure Storage. You configure all virtual machines to use managed identities.

You have the following requirements:

✑ Secret-based authentication mechanisms are not permitted for accessing an Azure Storage account.

✑ Must use only Azure Instance Metadata Service endpoints.

You need to write code to retrieve an access token to access Azure Storage. To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once or not at all. You may need to drag the split bar between panes or scroll to view content.

;BADC &&Your company has several websites that use a company logo image. You use Azure Content Delivery Network (CDN) to store the static image.

You need to determine the correct process of how the CDN and the Point of Presence (POP) server will distribute the image and list the items in the correct order.

In which order do the actions occur? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.Select and Place:

;ECC &&You are developing an ASP.NET Core website that can be used to manage photographs which are stored in Azure Blob Storage containers

.Users of the website authenticate by using their Azure Active Directory (Azure AD) credentials.

You implement role-based access control (RBAC) role permissions on the containers that store photographs. You assign users to RBAC roles.

You need to configure the website's Azure AD Application so that user's permissions can be used with the Azure Blob containers.

How should you configure the application? To answer, drag the appropriate setting to the correct location. Each setting can be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;ECBAD &&You are developing an application. You have an Azure user account that has access to two subscriptions.

You need to retrieve a storage account key secret from Azure Key Vault.In which order should you arrange the PowerShell commands to develop the solution? To answer, move all commands from the list of commands to the answer area and arrange them in the correct order.

;DA &&You are developing an Azure solution.

You need to develop code to access a secret stored in Azure Key Vault.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct location. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;BFAD &&You are developing an Azure-hosted application that must use an on-premises hardware security module (HSM) key.

The key must be transferred to your existing Azure Key Vault by using the Bring Your Own Key (BYOK) process.

You need to securely transfer the key to Azure Key Vault.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;EGD &&You develop a web application.

You need to register the application with an active Azure Active Directory (Azure AD) tenant.

Which three actions should you perform in sequence? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

;DA &&You are developing an Azure solution

.You need to develop code to access a secret stored in Azure Key Vault.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct location. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;BCFD &&You develop a web app that uses the tier D1 app service plan by using the Web Apps feature of Microsoft Azure App Service.

Spikes in traffic have caused increases in page load times.

You need to ensure that the web app automatically scales when CPU load is about 85 percent and minimize costs.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;GAHFC &&A company has multiple warehouses. Each warehouse contains IoT temperature devices which deliver temperature data to an Azure Service Bus queue.

You need to send email alerts to facility supervisors immediately if the temperature at a warehouse goes above or below specified threshold temperatures.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;ECF &&A web service provides customer summary information for e-commerce partners. The web service is implemented as an Azure Function app with an HTTP trigger.

Access to the API is provided by an Azure API Management instance. The API Management instance is configured in consumption plan mode. All API calls are authenticated by using OAuth.

API calls must be cached. Customers must not be able to view cached data for other customers

.You need to configure API Management policies for caching

.How should you complete the policy statement?

;DEABC &&You are developing an application to retrieve user profile information. The application will use the Microsoft Graph SDK.

The app must retrieve user profile information by using a Microsoft Graph API call.

You need to call the Microsoft Graph API from the application.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

;BCF &&You develop and deploy an Azure Logic App that calls an Azure Function app. The Azure Function App includes an OpenAPI (Swagger) definition and uses anAzure Blob storage account. All resources are secured by using Azure Active Directory (Azure AD).

The Logic App must use Azure Monitor logs to record and store information about runtime data and events. The logs must be stored in the Azure Blob storage account.

You need to set up Azure Monitor logs and collect diagnostics data for the Azure Logic App.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;ADBE &&You develop an application. You plan to host the application on a set of virtual machines (VMs) in Azure.

You need to configure Azure Monitor to collect logs from the application.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;ECB &&An organization has web apps hosted in Azure.

The organization wants to track events and telemetry data in the web apps by using Application Insights.

You need to configure the web apps for Application Insights.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;EFD &&You develop software solutions for a mobile delivery service. You are developing a mobile app that users can use to order from a restaurant in their area. The app uses the following workflow

:1. A driver selects the restaurants for which they will deliver orders.

2. Orders are sent to all available drivers in an area.

3. Only orders for the selected restaurants will appear for the driver.

4. The first driver to accept an order removes it from the list of available orders.

You need to implement an Azure Service Bus solution.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

;CBBDC &&You are developing a REST web service. Customers will access the service by using an Azure API Management instance.

The web service does not correctly handle conflicts. Instead of returning an HTTP status code of 409, the service returns a status code of 500. The body of the status message contains only the word conflict.

You need to ensure that conflicts produce the correct response.

How should you complete the policy? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.NOTE: Each correct selection is worth one point.

;BF &&You are a developer for a Software as a Service (SaaS) company. You develop solutions that provide the ability to send notifications by using Azure NotificationHubs.

You need to create sample code that customers can use as a reference for how to send raw notifications to Windows Push Notification Services (WNS) devices.

The sample code must not use external packages.

How should you complete the code segment? To answer, drag the appropriate code segments to the correct locations. Each code segment may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

;