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Questions and Answers Demo PDF

Microsoft

AZ-204 Exam

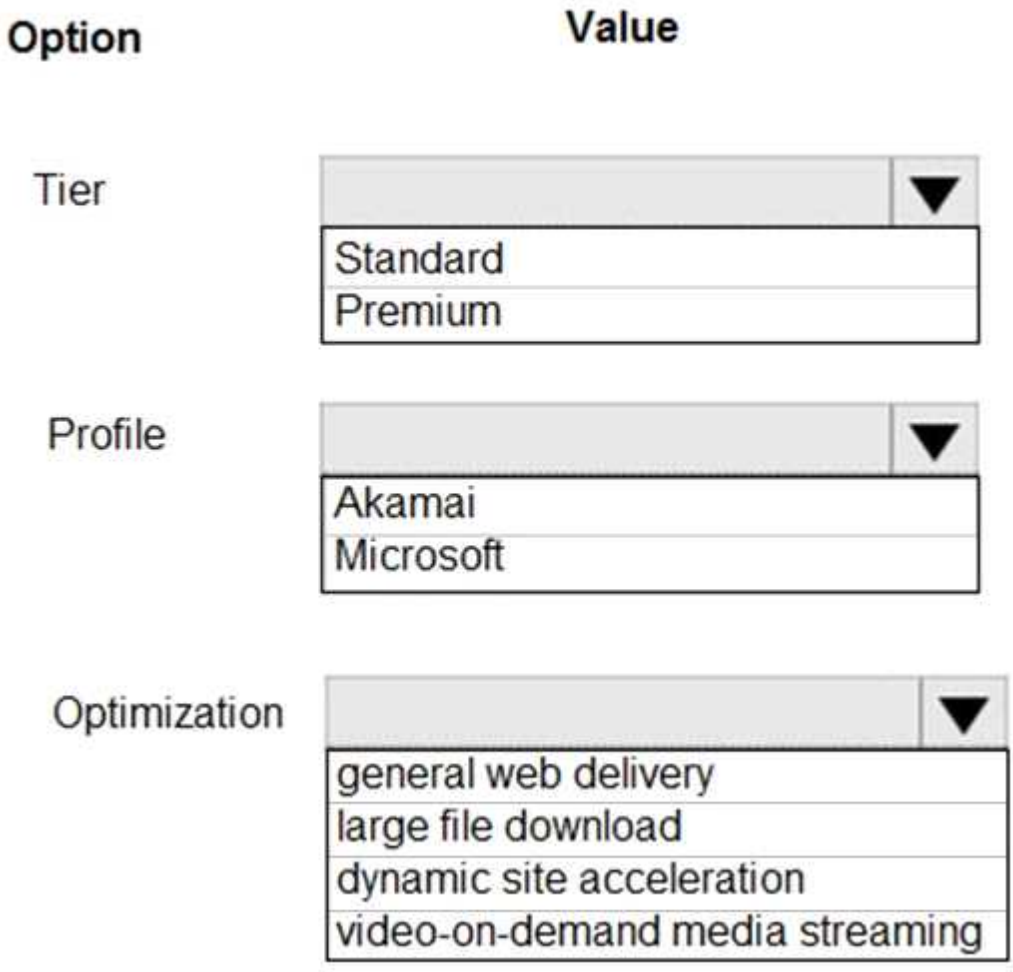
Microsoft Developing Solutions for Microsoft Azure Exam

Questions & Answers
Demo

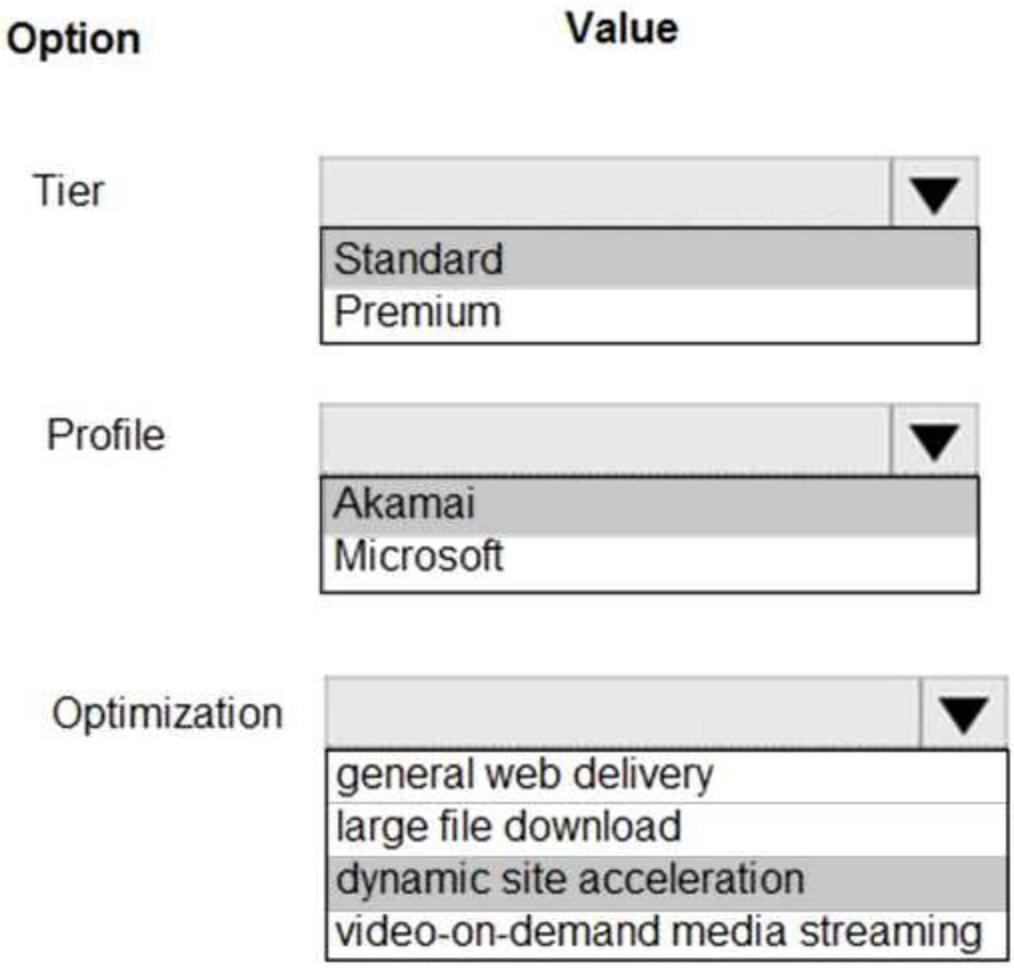
Version: 6.0

Question: 1

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.



Answer:



Explanation:
Scenario: Shipping website
Use Azure Content Delivery Network (CDN) and ensure maximum performance for dynamic content while minimizing latency and costs.
Tier: Standard
Profile: Akamai
Optimization: Dynamic site acceleration
Dynamic site acceleration (DSA) is available for Azure CDN Standard from Akamai, Azure CDN Standard from Verizon, and Azure CDN Premium from Verizon profiles.
DSA includes various techniques that benefit the latency and performance of dynamic content. Techniques include route and network optimization, TCP optimization, and more.
You can use this optimization to accelerate a web app that includes numerous responses that aren't cacheable. Examples are search results, checkout transactions, or real-time dat
a. You can continue to use core Azure CDN caching capabilities for static data.
Reference:
https://docs.microsoft.com/en-us/azure/cdn/cdn-optimization-overview

Question: 2

You need to secure the Shipping Logic App.
What should you use?

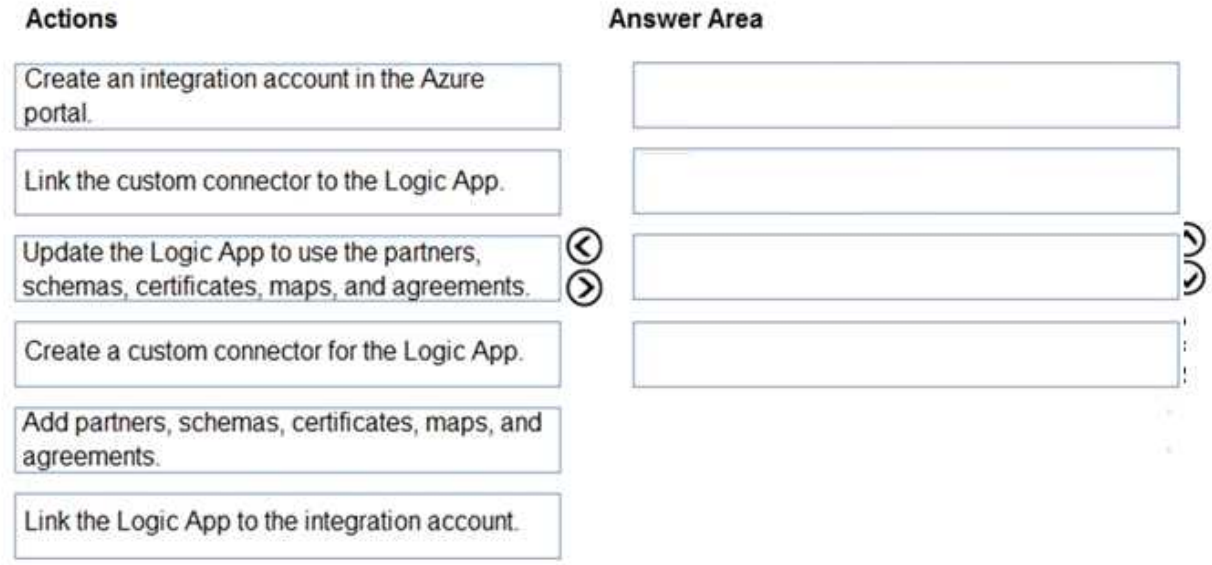
A. Azure App Service Environment (ASE)
B. Azure AD B2B integration
C. Integration Service Environment (ISE)
D. VNet service endpoint

Answer: C

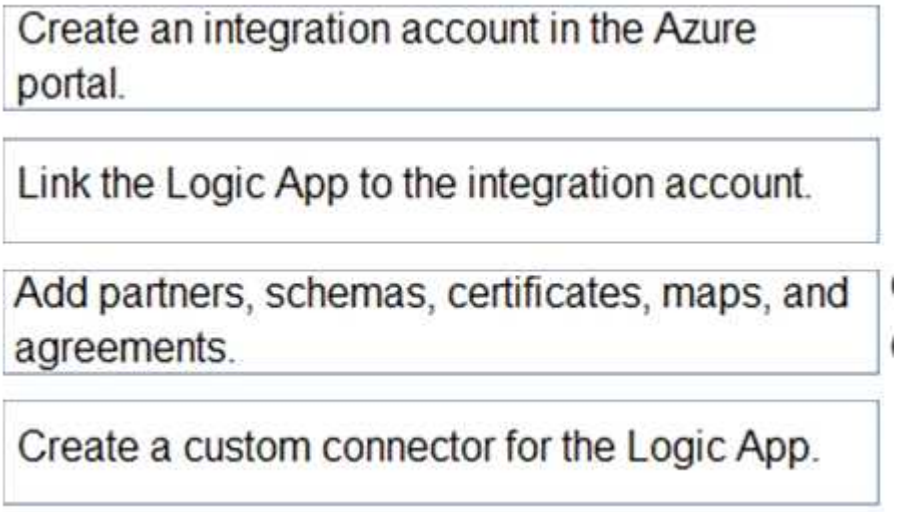
Explanation:
Scenario: The Shipping Logic App requires secure resources to the corporate VNet and use dedicated storage resources with a fixed costing model.
You can access to Azure Virtual Network resources from Azure Logic Apps by using integration service environments (ISEs).
Sometimes, your logic apps and integration accounts need access to secured resources, such as virtual machines (VMs) and other systems or services, that are inside an Azure virtual network. To set up this access, you can create an integration service environment (ISE) where you can run your logic apps and create your integration accounts.
References:
https://docs.microsoft.com/en-us/azure/logic-apps/connect-virtual-network-vnet-isolated-environment-overview

Question: 3

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.



Answer:



Explanation:
Step 1: Create an integration account in the Azure portal
You can define custom metadata for artifacts in integration accounts and get that metadata during runtime for your logic app to use. For example, you can provide metadata for artifacts, such as partners, agreements, schemas, and maps - all store metadata using key-value pairs.
Step 2: Link the Logic App to the integration account
A logic app that's linked to the integration account and artifact metadata you want to use.
Step 3: Add partners, schemas, certificates, maps, and agreements
Step 4: Create a custom connector for the Logic App.
References:
https://docs.microsoft.com/bs-latn-ba/azure/logic-apps/logic-apps-enterprise-integration-metadata

Question: 4

You need to support the requirements for the Shipping Logic App.
What should you use?

A. Azure Active Directory Application Proxy
B. Point-to-Site (P2S) VPN connection
C. Site-to-Site (S2S) VPN connection
D. On-premises Data Gateway

Answer: D

Explanation:
Before you can connect to on-premises data sources from Azure Logic Apps, download and install the on-premises data gateway on a local computer. The gateway works as a bridge that provides quick data transfer and encryption between data sources on premises (not in the cloud) and your logic apps.
The gateway supports BizTalk Server 2016.
Note: Microsoft have now fully incorporated the Azure BizTalk Services capabilities into Logic Apps and Azure App Service Hybrid Connections.
Logic Apps Enterprise Integration pack bring some of the enterprise B2B capabilities like AS2 and X12, EDI standards support
Scenario: 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.
Reference:
https://docs.microsoft.com/en-us/azure/logic-apps/logic-apps-gateway-install

Question: 5

You need to migrate on-premises shipping data to Azure.
What should you use?

A. Azure Migrate
B. Azure Cosmos DB Data Migration tool (dt.exe)
C. AzCopy
D. Azure Database Migration service

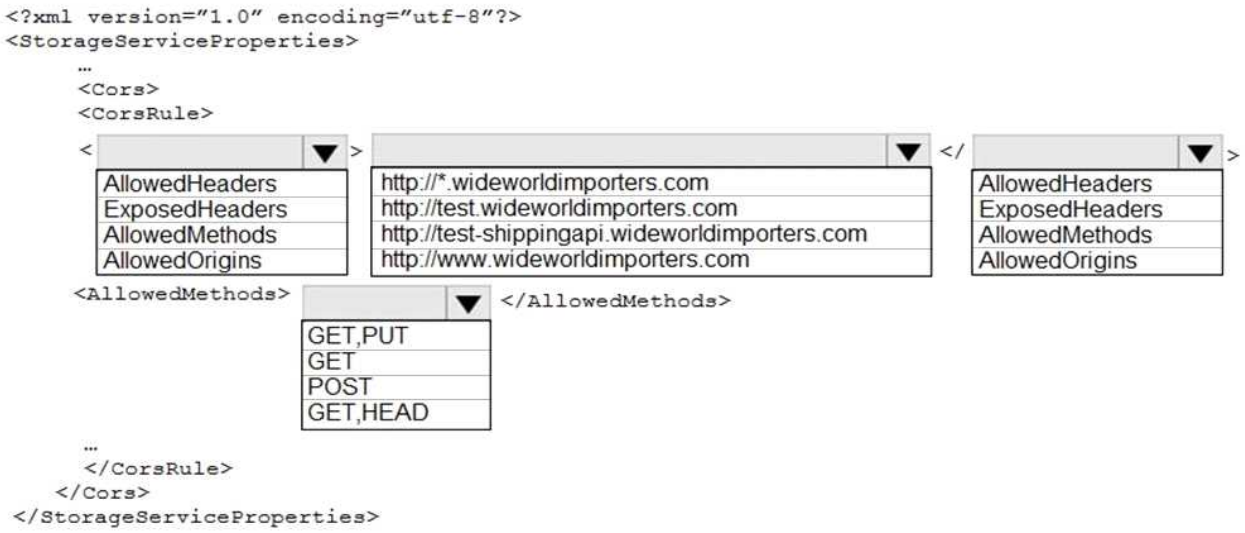
Answer: D

Explanation:
Migrate from on-premises or cloud implementations of MongoDB to Azure Cosmos DB with minimal downtime by using Azure Database Migration Service. Perform resilient migrations of MongoDB data at

scale and with high reliability.
Scenario: Data migration from on-premises to Azure must minimize costs and downtime.
The application uses MongoDB JSON document storage database for all container and transport information.
References:
https://azure.microsoft.com/en-us/updates/mongodb-to-azure-cosmos-db-online-and-offline-migrations-are-now-available/

Question: 6

HOTSPOT
You need to resolve the Shipping web site error.
How should you configre the Azure Table Storage service? To answer, select the appropriate options in the answer area.
NOTE: Each correct selection is worth one point.



Answer:

```
<?xml version="1.0" encoding="utf-8"?>
<StorageServiceProperties>
      …
      <Cors>
      <CorsRule>
      <[AllowedHeaders / ExposedHeaders / AllowedMethods / AllowedOrigins]>[http://*.wideworldimporters.com / http://test.wideworldimporters.com / http://test-shippingapi.wideworldimporters.com / http://www.wideworldimporters.com]</[AllowedHeaders / ExposedHeaders / AllowedMethods / AllowedOrigins]>
      <AllowedMethods>[GET,PUT / GET / POST / GET,HEAD]</AllowedMethods>
      …
      </CorsRule>
    </Cors>
 </StorageServiceProperties>
```

Explanation:
Box 1: AllowedOrigins
A CORS request will fail if Access-Control-Allow-Origin is missing.
Scenario:
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://testwideworldimporters.com/' is
therefore not allowed access.
```

Box 2: http://test-shippingapi.wideworldimporters.com
Syntax: Access-Control-Allow-Origin: *
Access-Control-Allow-Origin: <origin>
Access-Control-Allow-Origin: null
<origin> Specifies an origin. Only a single origin can be specified.
Box 3: AllowedOrigins
Box 4: POST
The only allowed methods are GET, HEAD, and POST. In this case POST is used.
"<Corsrule>" "allowedmethods" Failed to load no "Access-control-Origin" header is present
References:
https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Access-Control-Allow-Origin

Question: 7

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:
types: 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:
types: Public

Answer: A

Explanation:
Scenario: All Internal services must only be accessible from Internal Virtual Networks (VNets)
There are three Network Location types – Private, Public and Domain
Reference:
https://devblogs.microsoft.com/powershell/setting-network-location-to-private/

Question: 8

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

Answer: B

Explanation:
Azure Event Hub is used for telemetry and distributed data streaming.
This service provides a single solution that enables rapid data retrieval for real-time processing as well as repeated replay of stored raw data. It can capture the streaming data into a file for processing and analysis.
It has the following characteristics:
• low latency
• capable of receiving and processing millions of events per second
• at least once delivery
Reference:
https://docs.microsoft.com/en-us/azure/event-grid/compare-messaging-services

Question: 9

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.

Json segments

- User
- value
- role
- Application
- allowedMemberTypes
- allowedAccountTypes

Answer Area

```
"appRoles" : [
{
     " [          ] ": [
     " [          ] "
     ],
     "displayName": "ContentReviewer",
     "id": "e1c2ade8-98f8-45fd-aa4a-6d24b512c22a",
     "isEnabled" : true,
     " [          ] " :"ContentReviewer"
  }
 ],
```

Answer:

```
"appRoles" : [
{
     " allowedMemberTypes ": [
     " User "
     ],
     "displayName": "ContentReviewer",
     "id": "e1c2ade8-98f8-45fd-aa4a-6d24b512c22a",
     "isEnabled" : true,
     " value " :"ContentReviewer"
  }
 ],
```

Explanation:
Box 1: allowedMemberTypes
allowedMemberTypes specifies whether this app role definition can be assigned to users and groups by setting to "User", or to other applications (that are accessing this application in daemon service scenarios) by setting to "Application", or to both.
Note: The following example shows the appRoles that you can assign to users.

```
"appId": "8763f1c4-f988-489c-a51e-158e9ef97d6a",
"appRoles": [
  {
   "allowedMemberTypes": [
    "User"
   ],
   "displayName": "Writer",
   "id": "d1c2ade8-98f8-45fd-aa4a-6d06b947c66f",
   "isEnabled": true,
```

```
    "description": "Writers Have the ability to create tasks.",
    "value": "Writer"
   }
 ],
"availableToOtherTenants": false,
```

Box 2: User
Scenario: In order to review content a user must be part of a ContentReviewer role.
Box 3: value
value specifies the value which will be included in the roles claim in authentication and access tokens.
Reference:
https://docs.microsoft.com/en-us/graph/api/resources/approle

Question: 10

You need to monitor ContentUploadService accourding to the requirements.
Which command should you use?

A. az monitor metrics alert create –n alert –g … - -scopes … - -condition "avg Percentage CPU > 8"
B. az monitor metrics alert create –n alert –g … - -scopes … - -condition "avg Percentage CPU > 800"
C. az monitor metrics alert create –n alert –g … - -scopes … - -condition "CPU Usage > 800"
D. az monitor metrics alert create –n alert –g … - -scopes … - -condition "CPU Usage > 8"

Answer: B

Explanation:
Scenario: An alert must be raised if the ContentUploadService uses more than 80 percent of available CPU-cores
Reference:
https://docs.microsoft.com/sv-se/cli/azure/monitor/metrics/alert

https://developercertification.com