



MICROSOFT AZ-204

Microsoft Developing Solutions for Azure Certification Questions & Answers

Exam Summary – Syllabus – Questions

AZ-204
Microsoft Certified - Azure Developer Associate
40-60 Questions Exam - 700/1000 Cut Score - Duration of 120 minutes

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Know Your AZ-204 Certification Well:

The AZ-204 is best suitable for candidates who want to gain knowledge in the Microsoft Azure. Before you start your AZ-204 preparation you may struggle to get all the crucial Developing Solutions for Azure materials like AZ-204 syllabus, sample questions, study guide.

But don't worry the AZ-204 PDF is here to help you prepare in a stress free manner. The PDF is a combination of all your queries like-

- What is in the AZ-204 syllabus?
- How many questions are there in the AZ-204 exam?
- Which Practice test would help me to pass the AZ-204 exam at the first attempt?

Passing the AZ-204 exam makes you Microsoft Certified - Azure Developer Associate. Having the Developing Solutions for Azure certification opens multiple opportunities for you. You can grab a new job, get a higher salary or simply get recognition within your current organization.

Microsoft AZ-204 Developing Solutions for Azure Certification Details:

Exam Name	Microsoft Certified - Azure Developer Associate
Exam Code	AZ-204
Exam Price	\$165 (USD)
Duration	120 mins
Number of Questions	40-60
Passing Score	700 / 1000
Schedule Exam	Pearson VUE
Sample Questions	Microsoft Developing Solutions for Azure Sample Questions
Practice Exam	Microsoft AZ-204 Certification Practice Exam

AZ-204 Syllabus:

Topic	Details
Develop Azure compute solutions (25-30%)	
Implement IaaS solutions	<ul style="list-style-type: none"> - provision virtual machines (VMs) - configure, validate, and deploy ARM templates - configure container images for solutions - publish an image to the Azure Container Registry - run containers by using Azure Container Instance
Create Azure App Service Web Apps	<ul style="list-style-type: none"> - create an Azure App Service Web App - enable diagnostics logging - deploy code to a web app - configure web app settings including SSL, API settings, and connection strings - implement autoscaling rules including scheduled autoscaling and autoscaling by operational or system metrics
Implement Azure functions	<ul style="list-style-type: none"> - create and deploy Azure Functions apps - implement input and output bindings for a function - implement function triggers by using data operations, timers, and webhooks - implement Azure Durable Functions - implement custom handlers
Develop for Azure storage (15-20%)	
Develop solutions that use Cosmos DB storage	<ul style="list-style-type: none"> - select the appropriate API and SDK for a solution - implement partitioning schemes and partition keys - perform operations on data and Cosmos DB containers - set the appropriate consistency level for operations - manage change feed notifications
Develop solutions that use blob storage	<ul style="list-style-type: none"> - move items in Blob storage between storage accounts or containers - set and retrieve properties and metadata - interact with data using the appropriate SDK - implement data archiving and retention
Implement Azure security (20-25%)	
Implement user authentication and authorization	<ul style="list-style-type: none"> - authenticate and authorize users by using the Microsoft Identity platform

Topic	Details
	<ul style="list-style-type: none"> - authenticate and authorize users and apps by using Azure Active Directory - create and implement shared access signatures
Implement secure cloud solutions	<ul style="list-style-type: none"> - secure app configuration data by using App Configuration Azure Key Vault - develop code that uses keys, secrets, and certificates stored in Azure Key Vault - implement solutions that interact with Microsoft Graph
Monitor, troubleshoot, and optimize Azure solutions (15-20%)	
Integrate caching and content delivery within solutions	<ul style="list-style-type: none"> - configure cache and expiration policies - configure cache and expiration policies for Azure Redis Cache - implement secure and optimized application cache patterns including data sizing, connections, encryption, and expiration
Instrument solutions to support monitoring and logging	<ul style="list-style-type: none"> - configure an app or service to use Application Insights - analyze and troubleshoot solutions by using Azure Monitor - implement Application Insights web tests and alerts
Connect to and consume Azure services and third-party services (15-20%)	
Implement API Management	<ul style="list-style-type: none"> - create an APIM instance - configure authentication for APIs - define policies for APIs
Develop event-based solutions	<ul style="list-style-type: none"> - implement solutions that use Azure Event Grid - implement solutions that use Azure Notification Hubs - implement solutions that use Azure Event Hub - import OpenAPI definitions
Develop message-based solutions	<ul style="list-style-type: none"> - implement solutions that use Azure Service Bus - implement solutions that use Azure Queue Storage queues

Microsoft AZ-204 Sample Questions:

Question: 1

You are developing an internal website for employees to view sensitive data. The website uses Azure Active Directory (AAD) for authentication.

You need to implement multifactor authentication for the website. What should you do?

Each correct answer presents part of the solution. NOTE; Each correct selection is worth one point.

- a) In Azure AD, create a new conditional access policy.
- b) In Azure AD, enable application proxy.
- c) Configure the website to use Azure AD B2C.
- d) In Azure AD conditional access, enable the baseline policy.
- e) Upgrade to Azure AD Premium.

Answer: a, e

Question: 2

You are developing a .Net Core application that manages images for an advertising company.

The images are stored in blob storage with read access geo-zone-redundant storage (RA-GZRS) redundancy to achieve high availability and maximum durability.

In case of regional outage, the application should be able to read data from secondary storage replication. Secondary storage replication should only be used if primary storage is unavailable.

You develop the following code to create the object responsible for uploading and reading images from blob storage:

```
string storageConnectionString =  
Environment.GetEnvironmentVariable("storageconnectionstring"); CloudStorageAccount  
storageAccount = CloudStorageAccount.Parse(storageConnectionString); blobClient =  
storageAccount.CreateCloudBlobClient();
```

You need to configure the blob client to meet the high availability requirement. Which location mode option should you use?

- a) blobClient.DefaultRequestOptions.LocationMode = LocationMode.PrimaryThenSecondary
- b) blobClient.DefaultRequestOptions.LocationMode = LocationMode.PrimaryOnly;
- c) blobClient.DefaultRequestOptions.LocationMode = LocationMode.SecondaryThenPrimary;
- d) blobClient.DefaultRequestOptions.LocationMode = LocationMode.SecondaryOnly;

Answer: a

Question: 3

You are implementing an Azure API app that uses built-in authentication and authorization functionality. All app actions must be associated with information about the current user. You need to retrieve the information about the current user. What are two ways to achieve the goal?

Each correct answer presents a complete solution. NOTE: Each correct selection is worth one point.

- a) HTTP headers
- b) environment variables
- c) /.auth/me HTTP endpoint
- d) /.auth/login endpoint

Answer: a, c

Question: 4

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 complete the source code of the subscription client. What should you do?

- a) `await subscription Client.Add Rule Async(new RuleDescription (RuleDescription.DefaultRuleName, new TrueFilter()));`
- b) `subscriptionClient.RegisterMessageHandler(ProcessMessagesAsync, BiessageHandlerOptions);`
- c) `subscriptionClient « new SubscriptionClient(ServiceBusConnectionString, TopicName, SubscriptionName);`
- d) `await subscriptionClient.CloseAsync();`

Answer: d

Question: 5

Which of the following would you use to secure the Shipping Logic App?

- a) Azure App Service Environment
- b) Azure AD B2B integration
- c) Integration Service Environment
- d) VNet service endpoint

Answer: c

Question: 6

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 SequenceNumber property.
- b) Assign the value of the hazard message SequenceNumber property to the DeliveryCount property.
- c) Assign the value of the hazard message MessageId property to the DeliveryCount property.
- d) Assign the value of the hazard message SessionID property to the ReplyToSessionId property.
- e) Assign the value of the hazard message MessageId property to the SequenceNumber property.
- f) Assign the value of the hazard message MessageId property to the CorrelationId property.

Answer: d, f

Question: 7

You are developing a project management service by using ASP.NET. The service hosts conversations, files, to-do lists, and a calendar that users can interact with at any time. The application uses Azure Search for allowing users to search for keywords in the project data. You need to implement code that creates the object which is used to create indexes in the Azure Search service.

Which two objects should you use?

Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- a) SearchService
- b) SearchIndexClient
- c) SearchServiceClient
- d) SearchCredentials

Answer: c, d

Question: 8

You have the following code (line numbers are included for reference only):

- a) 01 BatchTokenCredentials = GetCredentialsO;
- b) 02 BatchClient client= BatchClient.Open(credentials);
- c) 03 CloudJob job = client.JobOperations.CreateJob();
- d) 04 CloudTask task = new CloudTask("sampleTask", "cmd /c SampleTask.exe");
- e) 05 job.AddTask(task);
- f) 06 job.Commit();

You need to ensure that the SampleTask.exe process runs. Which two actions should you perform?

Each answer presents part of the complete solution.

- a) Remove line 06.
- b) Add the following code between lines 03 and 04: job.PoolInformation.PoolId = pool.Id;
- c) Modify line 05 as follows: client.JobOperations.AddTask("SampleTask", task);
- d) Add the following code between lines 02 and 03: var pool = client.PoolOperations.CreatePool();

Answer: a, b

Question: 9

You are developing a mobile instant messaging app for a company. The mobile app must meet the following requirements:

- Support offline data sync.
- Update the latest messages during normal sync cycles.

You need to implement Offline Data Sync. Which two actions should you perform?

Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- a) Retrieve records from Offline Data Sync on every call to the PullAsync method.
- b) Retrieve records from Offline Data Sync using an Incremental Sync.
- c) Push records to Offline Data Sync using an Incremental Sync.
- d) Return the updatedAt column from the Mobile Service Backend and implement sorting by using the column.
- e) Return the updatedAt column from the Mobile Service Backend and implement sorting by the message id.

Answer: b, d**Question: 10**

A company uses Azure SQL Database to store data for an app. The data includes sensitive information in a column named CustDetails. You need to implement measures that allow only members of the managers group to see sensitive information.

Which two actions should you perform?

Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- a) Include the managers group
- b) Exclude the managers group
- c) Exclude the administrators group.
- d) Navigate to the following URL:
`PUT https://management.azure.com/subscriptions/00000000-1111-2222-3333-444444444444
/resourceGroups/rg01/providers/Microsoft.Sql/servers/server01/databases/customers
/transparentDataEncryption/current?api-version=2014-04-01`
- e) Run the following Azure PowerShell command:
`New-AzureRmSqlDatabaseDataMaskingRule -SchemaName "dbo" -TableName "customers" ``
`-ColumnName "CustDetails" -MaskingFunction "Default"`

Answer: d, e

Study Guide to Crack Microsoft Developing Solutions for Azure AZ-204 Exam:

- Getting details of the AZ-204 syllabus, is the first step of a study plan. This pdf is going to be of ultimate help. Completion of the syllabus is must to pass the AZ-204 exam.
- Making a schedule is vital. A structured method of preparation leads to success. A candidate must plan his schedule and follow it rigorously to attain success.
- Joining the Microsoft provided training for AZ-204 exam could be of much help. If there is specific training for the exam, you can discover it from the link above.
- Read from the AZ-204 sample questions to gain your idea about the actual exam questions. In this PDF useful sample questions are provided to make your exam preparation easy.
- Practicing on AZ-204 practice tests is must. Continuous practice will make you an expert in all syllabus areas.

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