

DUMPSBOSS.

Developing Windows Azure and Web Services

Microsoft 70-487

Version Demo

Total Demo Questions: 11

Total Premium Questions: 101

Buy Premium PDF

<https://dumpsboss.co>

support@dumpsboss.co

support@dumpsboss.co
dumpsboss.co

Topic Break Down

Topic	No. of Questions
Topic 1, Case Study 1	10
Topic 2, Case Study 2	6
Topic 3, Case Study 3	9
Topic 4, Case Study 4	5
Topic 5, Case Study 5	7
Topic 6, Mixed Questions	64
Total	101

QUESTION NO: 1

You are developing a Windows Communication Foundation (WCF) service for a company. The service will be used for bidirectional communications between the company's physical offices.

You plan to implement Azure Service Bus.

You need to configure the WCF service.

Which type of binding should you use?

- A. BasicHttpBinding
- B. NetTcpRelayBinding
- C. NetTcpBinding
- D. NetEventRelayBinding

ANSWER: B

Explanation:

References:

<https://docs.microsoft.com/en-us/azure/service-bus-relay/service-bus-relay-tutorial>

QUESTION NO: 2

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

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

You have a web application in a Docker container image. You set the tag for the image as myApp. You plan to deploy the application to Azure Container Services.

You run the following commands. All commands complete successfully.

```
az acr create --resource-group myResourceGroup --name myRegistry --sku Basic
az acr login --name myRegistry
```

You need to ensure that the image can be run on an Azure Container Service cluster.

Solution: You run the following commands:

```
docker tag myapp myregistry.azurecr.io/samples/myapp
docker run -d -p 5000:80 myregistry.azurecr.io/samples/myapp
```

Does the solution meet the goal?

- A. Yes
- B. No

ANSWER: B

Explanation:

Instead, first tag the image, and then push it into your private registry.

References:

<https://medium.com/@pjbgr/azure-kubernetes-service-aks-pulling-private-container-images-from-azure-container-registry-acr-9c3e0a0a13f2>

QUESTION NO: 3

The QueueDetail entity type must inherit from the InboundQueue entity type in the ExternalQueue service project using table-per-type inheritance.

You need to modify the entities in the designer.

What should you do? (Each correct answer presents part of the solution. Choose all that apply.)

- A. Remove the OrderNum property in InboundQueue.
- B. Remove the OrderNum property in QueueDetail.
- C. Set the QueueDetail BaseType to InboundQueue.
- D. Remove the association between the entities.
- E. Set the InboundQueue BaseType to QueueDetail

ANSWER: B C D**Explanation:**

References: <http://www.robbagby.com/entity-framework/entity-framework-modeling-table-per-type-inheritance/>

QUESTION NO: 4

You need to create an OData filter expression that returns books that match the following characteristics: ▪ Published after 1/1/2000 ▪ Have "Science" as the first word

Which filter statement should you use?

- A. /books?\$filter=PublishDate gt datetime'2000-1-1' and startswith(Title, 'Science')
- B. /books?\$filter=PublishDate greaterthan datetime'2000-1-1' and startswith(Title, 'Science')
- C. /search?\$filter=PublishDate greaterthan datetime'2000-1-1' and beginswith (Title, 'Science')
- D. /search?\$filter=PublishDate gt datetime'2000-1-1' and beginswith(Title, 'Science')

ANSWER: A**Explanation:**

The gt keyword is used for the greater than comparison.

The startswith keyword is used to compare the beginning of a string.

Example: Returns entry numbers 611 and higher. filter= Entry_No gt 610

Example: Returns all customers names beginning with "S". filter=startswith(Name, 'S')

QUESTION NO: 5

You are building an ADO.NET Entity Framework application.

You need to validate the conceptual schema definition language (CSDL), store schema definition language (SSDL), and mapping specification language (MSL) files.

Which Entity Data Model tool can you use? (Each correct answer presents a complete solution. Choose all that apply.)

- A. EDM Generator (EdmGen.exe)
- B. ADO.NET Entity Data Model Designer
- C. Entity Data Model Wizard
- D. Update Model Wizard

ANSWER: A B

Explanation:

<http://msdn.microsoft.com/en-us/library/bb387165.aspx>

QUESTION NO: 6

You develop a Universal Windows Platform (UWP) application for Windows 10 Internet of Things (IoT) Core. The application uses Entity Framework Core and a SQLite database to store data.

You use the SQLite EF Core database provider to migrate data from an on-premises database to SQLite. The migration process throws an exception.

You need to resolve the exception.

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. Clone the on-premises database to a schema-less database
- B. Convert the application to use .NET Standard
- C. Limit all of SQLite processes to one server
- D. Limit the number of concurrent processes that write to the SQLite database

ANSWER: A D

Explanation:

A: The common relational library (shared by Entity Framework relational database providers) defines APIs for modelling concepts that are common to most relational database engines. A couple of these concepts are not supported by the SQLite provider: Schemas, Sequences, Computed columns.

The SQLite database engine does not support a number of schema operations that are supported by the majority of other relational databases. If you attempt to apply one of the unsupported operations to a SQLite database then a `NotSupportedException` will be thrown.

D: SQLite allows multiple processes to have the database file open at once, and for multiple processes to read the database at once. When any process wants to write, it must lock the entire database file for the duration of its update.

References:

<https://docs.microsoft.com/en-us/ef/core/providers/sqlite/limitations>

QUESTION NO: 7

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

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

You have developed a .NET Standard Library.

You need to produce a NuGet package.

Solution: Run the msbuild command with the pack target specified.

Does the solution meet the goal?

- A. Yes
- B. No

ANSWER: A

Explanation:

Package the component with the NuGet pack command. The dotnet pack command and msbuild -t:pack may be used as alternates.

References: <https://docs.microsoft.com/en-us/nuget/tools/cli-ref-pack> <https://docs.microsoft.com/en-us/nuget/guides/create-net-standard-packages-vs2015>

QUESTION NO: 8

You are developing a WCF service.

A new service instance must be created for each client session.

You need to choose an instancing mode.

Which instance mode should you use?

- A. PerCall
- B. Single
- C. Multiple
- D. PerSession
- E. PerRequest

ANSWER: D

Explanation:

PerSession: A new InstanceContext (and therefore service object) is created for each new client session and maintained for the lifetime of that session (this requires a binding that supports sessions).

Incorrect: Answers

A: PerCall: A new InstanceContext (and therefore service object) is created for each client request.

B: Single: A single InstanceContext (and therefore service object) handles all client requests for the lifetime of the application.

References: [https://msdn.microsoft.com/en-us/library/ms731193\(v=vs.110\)](https://msdn.microsoft.com/en-us/library/ms731193(v=vs.110))

QUESTION NO: 9

You are deploying an ASP.NET Core API application to an Azure App Services Docker container instance.

When customers access the application, secret keys are generated so that users can access to the data that they need. Security keys must expire after one hour. All key usage must be logged.

You need to store the customer secret keys.

Which storage option should you use?

NOTE: Each correct selection is worth one point.

- A. Encrypted in Azure SQL with a manual audit trail and a key rotation algorithm
- B. Environment variables with an audit trail stored in Azure Blob Storage
- C. Inside the Docker container using system logs for auditing
- D. Azure Key Vault with key rotation and auditing

ANSWER: D**Explanation:**

References:

<https://docs.microsoft.com/en-us/azure/key-vault/key-vault-key-rotation-log-monitoring>

QUESTION NO: 10

You are developing multiple web applications that will retrieve information for a Windows Communication Foundation (WCF) service

You need to intercept and inspect messages received by and sent from the WCF service.

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

- A. Create a class that inherits from the IDispatchMessageInspector interface.
- B. Implement the BeforeSendReply method.
- C. Implement the BeforeSendRequest method.
- D. Create a class that inherits from the IClientMessageInspector interface.
- E. Implement the AfterReceiveReply method.

F. Implement the AfterReceiveRequest method.

ANSWER: A B F

Explanation:

A: Service message inspectors implement the IDispatchMessageInspector interface.

BF: Any service (dispatcher) message inspector must implement the two IDispatchMessageInspector methods AfterReceiveRequest and BeforeSendReply(Message, Object).

QUESTION NO: 11

You create a web application.

You deploy the application by using a Web Deploy Package.

You need to identify which setting will be created automatically in the SetParameters.xml file during the package generation.

Which three settings should you identify? Each correct answer presents part of the solution.

- A. the connection strings in the Web.config file
- B. the destination IIS web application path and name
- C. the service endpoints of the Web.config file
- D. the connection strings of any databases you add to the Package/Publish SQL tab on the Properties page of the project
- E. the application settings of the Web.config file

ANSWER: A B D

Explanation:

References: <https://docs.microsoft.com/en-us/aspnet/web-forms/overview/deployment/web-deployment-in-the-enterprise/configuring-parameters-for-web-packagedeployment>