**Vendor:**Microsoft

**Exam Code:**70-487

**Exam Name:**Developing Microsoft Azure and Web Services

**Version:**Demo

## QUESTION 1

DRAG DROP

The GetExternalOrders() method must use members of the EntityClient namespace to query the database for all records in the InboundQueue entity.

You need to modify the GetExternalOrders() method to return the correct data.

You have the following code:

```
public List<Entitites.InboundQueue> GetExternalOrders ()
{
    EntityConnection connection =
     new EntityConnection ("name = Target 1");
    connection.Open();
    EntityCommand cmd = connection.CreateCommand();
    cmd.CommandText = @ "select q.OrderNum, q.VendorId.
      q.FilePath, q.OrderValue
        from Target 2.InboundQueues as q';
    EntityDataReader rdr=
    cmd. Target 3
    (CommandBehavior. Target 4);
    List<InboundQueue> queueItems = new List<InboundQueue> ();
    while (rdr.Read())
    {
        queueItems.OrderNum = Convert.ToInt32(rdr["OrderNum"]);
        queueItems.VendorId = Convert.ToInt32(rdr["VendorId"]);
        queueItems.FilePath = rdr["FilePath"]).ToString();
        queueItems.OrderValue = Convert.ToDecimal (rdr["OrderValue"]);
        queueItems.Add(queueItem);
    }
    rdr.Close();
    connection.Close();
    return queueItems;
}
```

Which code segments should you include in Target1, Target2, Target3 and Target4 to complete the code? To answer, drag the appropriate code segments to the correct targets in the answer area. 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:

Options:

- ExecuteReader
- ExecuteScalar
- SequentialAccess
- KeyInfo
- ExternalOrders
- ExternalOrdersEntities

Answer Area

```csharp
public List<Entities.InboundQueue> GetExternalOrders()
{
    EntityConnection connection =

        new EntityConnection("name=[                    ]");

    connection.Open();
    EntityCommand cmd = connection.CreateCommand();
    cmd.CommandText = @"select q.OrderNum, q.VendorId,
                        q.FilePath, q.OrderValue

                from [                    ].InboundQueues as q";

    EntityDataReader rdr =

        cmd.[                    ](CommandBehavior.[                    ]);

    List<InboundQueue> queueItems = new List<InboundQueue>();
    while (rdr.Read())
    {
        InboundQueue queueItem = new InboundQueue();
        queueItem.OrderNum = Convert.ToInt32(rdr["OrderNum"]);
        queueItem.VendorId = Convert.ToInt32(rdr["VendorId"]);
        queueItem.FilePath = rdr["FilePath"].ToString();
        queueItem.OrderValue = Convert.ToDecimal(rdr["OrderValue"]);
        queueItems.Add(queueItem);
    }
    rdr.Close();
    connection.Close();
    return queueItems;
}
```

Correct Answer:

Options:

- ExecuteReader
- ExecuteScalar
- SequentialAccess
- KeyInfo
- ExternalOrders
- ExternalOrdersEntities

Answer Area

```csharp
public List<Entities.InboundQueue> GetExternalOrders()
{
    EntityConnection connection =

        new EntityConnection("name=[ExternalOrdersEntities]");

    connection.Open();
    EntityCommand cmd = connection.CreateCommand();
    cmd.CommandText = @"select q.OrderNum, q.VendorId,
                        q.FilePath, q.OrderValue

                from [ExternalOrdersEntities].InboundQueues as q";

    EntityDataReader rdr =

        cmd.[ExecuteReader](CommandBehavior.[SequentialAccess]);

    List<InboundQueue> queueItems = new List<InboundQueue>();
    while (rdr.Read())
    {
        InboundQueue queueItem = new InboundQueue();
        queueItem.OrderNum = Convert.ToInt32(rdr["OrderNum"]);
        queueItem.VendorId = Convert.ToInt32(rdr["VendorId"]);
        queueItem.FilePath = rdr["FilePath"].ToString();
        queueItem.OrderValue = Convert.ToDecimal(rdr["OrderValue"]);
        queueItems.Add(queueItem);
    }
    rdr.Close();
    connection.Close();
    return queueItems;
}
```

**QUESTION 2**

DRAG DROP

Historical flight information data will be stored in Windows Azure Table Storage using the FlightInfo class as the table entity.

There are millions of entries in the table. Queries for historical flight information specify a set of airlines to search and whether the query should return only late flights. Results should be ordered by flight name.

You need to specify which properties of the FlightInfo class should be used at the partition and row keys to ensure that query results are returned as quickly as possible.

What should you do? (To answer, drag the appropriate properties to the correct location or locations in the answer area. Each property 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.)

Select and Place:



Correct Answer:



**QUESTION 3**

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 develop a REST API that uses Node.js. The API will store data in Azure Cosmos DB. You plan to deploy the API to a new Azure App Services Web App. You create a new Web App by using the Azure portal.

The API must be deployed by using SFTP.

You need to provide the proper deployment credentials to deploy the API.

Solution: Enter the user-level credentials that you configured when you created the Web App.

Does the solution meet the goal?

A. Yes

B. No

Correct Answer: B

Get FTP publishing profile and query for publish URL and credentials.

References:

https://docs.microsoft.com/en-us/azure/app-service/scripts/app-service-cli-deploy-ftp

---

**QUESTION 4**

You are developing a library management application that uses the ADO.NET Entity Framework against a SQL Server database. The application has a method that returns check outs filtered by date. The Book class is shown below.

```
public partial class Book
{
    ...
    public Nullable<System.DateTime> CheckoutDate { get; set; }
    ...
}
```

You must filter the data on the SQL server before it is returned to the application server.

You need to return books checked out more recently than the entered date.

Which code segment should you use?

```
OA.    IQueryable<Book> books = db.Books;
       books = books.Where(b => b.CheckoutDate >= date);

OB.    IEnumerable<Book> books = db.Books.ToList().AsQueryable();
       books = books.Where(b => b.CheckoutDate >= date);

OC.    IQueryable<Book> books = db.Books.ToList().AsQueryable();
       books = books.Where(b => b.CheckoutDate >= date);

OD.    IEnumerable<Book> books = db.Books;
       books = books.Where(b => b.CheckoutDate >= date);
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

The difference is that IQueryable is the interface that allows LINQ-to-SQL (LINQ.-to- anything really) to work. So if you further refine your query on an IQueryable, that query will be executed in the database, if possible. For the IEnumerable case, it will be LINQ-to-object, meaning that all objects matching the original query will have to be loaded into memory from the database.

---

**QUESTION 5**

You are creating a streamed Windows Communication Foundation (WCF) service. You implement the following service methods.

```
[ServiceContract]
public interface IEmployee
{
    [OperationContract]
    Stream EmployeeMethod1(string string1);

    [OperationContract]
    bool EmployeeMethod2(Message msg1);

    [OperationContract]
    IXmlSerializable EmployeeMethod3(Stream stream1, string string1);

    [OperationContract]
    int EmployeeMethod4(bool bool1, Message msg1);
}
```

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

Hot Area:

## Answer Area

| Statement | Yes | No |
|---|---|---|
| The input for EmployeeMethod3 is streamed. | ○ | ○ |
| The output for EmployeeMethod3 is streamed. | ○ | ○ |
| The input for EmployeeMethod4 is streamed. | ○ | ○ |
| The output for EmployeeMethod4 is streamed. | ○ | ○ |

Correct Answer:

---

**QUESTION 6**

You are developing a WCF service.

You need to implement transport security by using NTLM authentication and NetTcpBindings.

Which configuration values should you use? (To answer, drag the appropriate configuration values to the correct location or locations in the answer area. 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.)

Select and Place:



Correct Answer:

**QUESTION 7**

You develop an ASP.NET MVC application that is secured by using SSL. You are ready to deploy the application to production.

The deployment package must include the installation of the SSL certificate.

You need to configure the deployment package to meet the requirement.

What should you do?

A. Create a web publish pipeline target file with a custom web deploy target.

B. In the Package/Publish settings of the project, select the All Files in this project option.

C. Extend the CopyAllFilesToSingleFolder target in the project file.

D. In the Build Events settings of the project, configure a pre-build event to include the SSL certificate.

Correct Answer: A

---

**QUESTION 8**

HOTSPOT You need to add code at line SU11 to ensure that all protocols are supported. How should you complete the code? To answer, drag the appropriate configuration items to the correct location or locations. Each configuration item 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.

Hot Area:

## Answer Area

```
services. [ ▼ ]
         | AddJsonOptions(options =>      |
         | AddFormatterMappings(options => |
         | AddMvc(options =>              |

{

    options.RespectBrowserAcceptHeader = [ ▼ ]
                                          | true  |
                                          | false |

})
.  [ ▼ ] ;
   | AddXmlSerializerFormatters()        |
   | AddDataAnnotationsLocalization()    |
```

Correct Answer:

## Answer Area

```
services. [ ▼ ]
           ┌─────────────────────────────────┐
           │ AddJsonOptions(options =>        │
           │ AddFormatterMappings(options =>  │
           │ AddMvc(options =>                │
           └─────────────────────────────────┘
    {
        options.RespectBrowserAcceptHeader = [ ▼ ]
                                             ┌────────┐
                                             │ true   │
                                             │ false  │
                                             └────────┘
    })
    . [ ▼ ] ;
     ┌──────────────────────────────────┐
     │ AddXmlSerializerFormatters()      │
     │ AddDataAnnotationsLocalization()  │
     └──────────────────────────────────┘
```

Box 1: AddMv(optioins =>

If the Accept header contains */*, the Header is ignored unless RespectBrowserAcceptHeader is set to true on MvcOptions.

Scenario: Include the X-Customer header in all calls to identify the partner.

Box 2: true

To configure an app to honor browser accept headers, set RespectBrowserAcceptHeader to true:

RespectBrowserAcceptHeader

Scenario: Include the X-Customer header in all calls to identify the partner.

Box 3: XML formatters implemented using XmlSerializer are configured by calling AddXmlSerializerFormatters: services.AddControllers()

.AddXmlSerializerFormatters(); Scenario: Support both JSON and XML-based data. References:

https://docs.microsoft.com/en-us/aspnet/core/web-api/advanced/formatting

---

**QUESTION 9**

ReportApp will shut down every night. However, data from the searches performed during the night must still be

collected.

You need to recommend a solution to meet the performance requirements for home.aspx.

What should you recommend?

A. ViewState

B. MemoryCache

C. OutputCache

D. ApplicationCache

Correct Answer: C

Scenario: When home.aspx is displayed, the rendered page must be cached for 10 minutes.

Page output caching

The output of an action method on a controller can be cached using the [OutputCache]attribute on the method. Actions methods that return views will have the rendered page cached, while methods returning JSON data will have that data

saved. A number of properties on the OutputCacheAttribute class control how data is cached.

CacheProfile- If a number of methods will have the same cache settings, it makes sense to use the web.config file to create a cache profile that can be used across all these methods.

The Duration attribute of the CacheProfile determines how long, in seconds, the output should be cached. To save an item for 10 minutes, duration would be set to 600.

[OutputCache(Duration=600)]

References: http://failedturing.blogspot.se/2014/10/microsoft-70-486-design-cachingstrategy.html

---

**QUESTION 10**

You are developing an ASP.NET MVC application. The application has a page that updates an image stored in a database. Members of the EntityClient namespace are used to access an Entity Framework data model. Images and associated

metadata are stored in a single database table.

You need to run a single query that updates an image and associated metadata in the database while returning only the number of affected rows.

Which method of the EntityCommand type should you use?

A. ExecuteScalar()

B. ExecuteDbDataReader()

C. ExecuteReader()

D. ExecuteNonQuery()

Correct Answer: D

EntityCommand.ExecuteNonQuery method executes the current command, and returns the number of rows affected. Incorrect Answers:

A: ExecuteScalar() executes the command, and returns the first column of the first row in the result set. Additional columns or rows are ignored.

References: https://docs.microsoft.com/en-us/dotnet/api/system.data.entityclient.entitycommand.executenonquery https://docs.microsoft.com/en-us/dotnet/api/system.data.entityclient.entitycommand.executescalar

---

## QUESTION 11

The DeleteExternalOrder() method in the ExternalQueueService service is not throwing a FaultException exception as defined by the FaultContractAttribute attribute in the IExternatQueueService.cs file.

You need to throw the FaultException exception.

Which code segment can you insert at line EQ45 to achieve this goal? (Each correct answer presents a complete solution. Chose all that apply.)

```
A. string queryString = @"SELECT q.OrderNum, q.VendorId, q.FilePath, q.OrderValue
      FROM ExternalOrdersEntities.InboundQueues AS q WHERE q.OrderNum = @orderNum";

B. string queryString = @"SELECT * FROM ExternalOrdersEntities.InboundQueues
      WHERE OrderNum = @orderNum";

C. string queryString = @"SELECT VALUE q FROM ExternalOrdersEntities.InboundQueues AS q
      WHERE q.OrderNum = @orderNum";

D. string queryString = @"SELECT VALUE FROM ExternalOrdersEntities.InboundQueues
      WHERE OrderNum = @orderNum";
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: C

---

## QUESTION 12

You need to ensure that computed events are processed correctly. What should you do?

A. Move the WebJob to a different App Service plan.

B. Select a deployment slot for the WebJob.

C. Disable WebJobs during deployments.

D. Create an additional upgrade domain.

Correct Answer: B

Scenario: An Azure WebJob named EventJob will be deployed with the Event Service Web App. The WebJob:

1.

Creates new computed events when partner events are created.

2.

Must be active whenever the Event Service is running.

3.

Is updated once a quarter.

References: https://stackify.com/azure-deployment-slots/

To Read the Whole Q&As, please purchase the Complete Version from Our website.

# Try our product !

100% Guaranteed Success

100% Money Back Guarantee

365 Days Free Update

Instant Download After Purchase
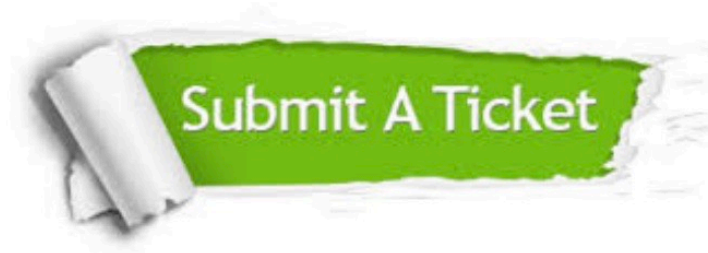
24x7 Customer Support

Average 99.9% Success Rate

More than 800,000 Satisfied Customers Worldwide

Multi-Platform capabilities - Windows, Mac, Android, iPhone, iPod, iPad, Kindle

## Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket:



**One Year Free Update**
Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.

**Money Back Guarantee**
To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.

**Security & Privacy**
We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.