NEW QUESTION 1
You are adding a new REST service endpoint to the FlightDataController controller. It returns flights from the consolidated data sources only for flights that are late.
You need to write a LINQ to Entities query to extract the required data. Which code segment should you use?

A. Option A
B. Option B
C. Option C
D. Option D

Answer: D

Explanation: D is right because you send result as REST so if you use “AsQueryable” the result is deferred to the next enumeration of your result.
D is not optimized but will works. A will break at runtime.
Credits to Rem

NEW QUESTION 2
DRAG DROP
You need to parse flight information from Blue Yonder Airlines. The content of the XML file is shown below.

<?xml version="1.0" encoding="utf-8"?>
<AirlineFeed>
  <Flight xmlns="urn:CFI" name="ASS15">
    <Seats>123</Seats>
    <Arrival>5/2/2011 12:01:13</Arrival>
  </Flight>
  <Flight name="UN24">
    <Seats>123</Seats>
    <Arrival>5/1/2012 10:17:57 PM +02:00</Arrival>
  </Flight>
  <FlightManifest>...
  </FlightManifest>
</AirlineFeed>

Some airlines do not specify the timezone of the arrival time. If the timezone is not specified, then it should be interpreted per the business requirements. You need to implement the LoadFlights() and Parse() methods of the BlueYonderLoader class.
What should you do? (To answer, drag the appropriate code segments to the correct location in the answer area. Each 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.)
A. Mastered
B. Not Mastered

Answer: A
NEW QUESTION 3
The GetExternalOrder() method in the ExternalQueueService service is throwing a runtime error. The method must query the database for a record that matches the orderNum parameter passed to the method.
You need to modify the queryString string to retrieve the record. With which code segment should you replace line EQ64?

A. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 4
You need to regenerate the service proxies to include task-based asynchronous method signatures. Which command should you use?


Answer: B

Explanation:

NEW QUESTION 5
The DeleteExternalOrder() method in the ExternalQueueService service is not throwing a FaultException exception as defined by the FaultContractAttribute attribute in the IExternalQueueService.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. Option A
B. Option B
C. Option C
D. Option D

Answer: C

NEW QUESTION 6
The GetVendors() action in the ProcessedOrderController controller is querying the database each time it is run. The GetVendors() action must query the database only if the cache is null. You need to add code to the action at line PC33 to cache the data. Which code segment can you use? (Each correct answer presents a complete solution. Choose all that apply.)

A. cache.Set(new CacheItem("vendorKey", vendors), GetVendorPolicy());
B. cache.Add("vendors", vendors, new CacheItemPolicy());
C. cache.Add(new CacheItem("vendorKey", vendors), GetVendorPolicy());
D. cache.AddOrGetExisting("vendorKey", context, new CacheItemPolicy());

Answer: AC

NEW QUESTION 7
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?$filter=PublishDate gt datetime'2000-1-1' and startswith('Title', 'Science')
B. /search?$filter=PublishDate gt datetime'2000-1-1' and startswith('Title', 'Science')
C. /search?$filter=PublishDate gt datetime'2000-1-1' and startswith('Title', 'Science')
D. /books?$filter=PublishDate gt datetime'2000-1-1' and startswith('Title', 'Science')

Answer: D

Explanation:
* gt
Greater than Example:
filter= Entry_No gt 610
Query on GLEntry service. Returns entry numbers 611 and higher.
* startswith
starts with filter=startswith(Name, 'S')
Query on Customer service. Returns all customers names beginning with “S”.

NEW QUESTION 8
ReportApp will shut down every night. However, data from the searches performed during the night must still be collected.

You need to identify the return types for the car year, price, brand and model. The solution must minimize the number of round trips between the clients and the web servers.

What should you identify? To answer, drag the appropriate return types to the correct objects. Each return 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.

**Return Types**

- List<String>
- String
- Task<List<String>>
- Task<String>

**Answer Area**

- Brand: Return type
- Model: Return type
- Price: Return type
- Year: Return type

A. Mastered
B. Not Mastered

**Answer:** A

**Explanation:**

Note: A round trip occurs when an object is deserialized and re-serialized in one operation.

From scenario: The application will provide users with the ability to search for a car by using advanced filtering options, such as the car brand, model, year, and price. All of this information will be stored as strings and will be displayed as drop-down lists.

The brand and model lists that will be displayed on the home page of the web application will be retrieved from Windows Communication Foundation (WCF) services hosted in the on-premises environment.

**Target 1: Task<String>**

Though Performance blocking and Sluggishness are the tailbacks for any application, we can easily overcome these bottlenecks by using asynchronous programming. But old-style practice for asynchronous programming is not way easy enou

**Target 2: Task<String>**

**Target 3: String**

**Target 4: String**

References: https://rashimuddin.wordpress.com/2013/05/07/task-based-asynchronous-operation-in-wcf/

**NEW QUESTION 9**

**HOTSPOT**

You are supporting an application that uses the ADO.NET Entity Framework to query and access data.

The latest version of Entity Framework contains bug fixes that will improve performance. You need to update Entity Framework.

Which Visual Studio 2012 menu item should you choose? (To answer, select the appropriate menu item in the answer area.)
NEW QUESTION 10
DRAG DROP
You are developing a WCF service.
You need to configure the web.config file to ensure that metadata is exposed only via the MEX protocol.
You have the following markup:
Which XML elements should you include in Target 1, Target 2, Target 3 and Target 4 to complete the markup? (To answer, drag the appropriate XML elements to the correct targets in the answer area. Each XML element 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.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 11
HOTSPOT
You are updating an existing multitenant ASP.NET MVC application for medical clinics. The application aggressively uses output caching to improve performance by caching content for 36 hours. The application uses a query string parameter named “clinicID” that contains the clinic that the user is currently viewing. Users report that they are occasionally seeing data for the wrong clinic. Users also report that sensitive data is stored in the browser cache folder on their computers. You need to configure web.config to resolve the reported problems. You have the following markup:
Which markup segments should you include in Target 1, Target 2 and Target 3 to complete the markup? (To answer, select the correct markup segment from each drop-down list in the answer area.)

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 12
You are preparing to develop a set of libraries that uses large data sets. The libraries must be shared across an organization and distributed to several servers. You need to create a remote NuGet feed that exposes the libraries for developer use. What should you do? (Each answer presents part of the solution. Choose all that apply.)

A. Add packages to the Packages folder.
B. Create a new Empty Web Application in Visual Studio.
C. Configure the Packages folder located in the appSettings section of the web application's Web.config.
D. Install the NuGet.DataFeed Package.
E. Install the NuGet.Server Package.
F. Create a new Empty Web Site in Visual Studio.
Answer: ABCE

Explanation:
Creating Remote Feeds
You can host a remote (or internal) feed on a server that runs IIS. Step 1 (B): Create a new Empty Web Application in Visual Studio Step 2 (E): Install the NuGet.Server Package
Step 3 (C): Configure the Packages folder
Step 4 (A): Add Packages to the Packages folder
Step 5: Deploy and run your brand new Package Feed! Reference: Hosting Your Own NuGet Feeds

NEW QUESTION 13
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.
```csharp
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?

A. `IQueryable<Book> books = db.Books;
   books = books.Where(b => b.CheckoutDate >= date);`
B. `IEnumerable<Book> books = db.Books.ToList().AsQueryable();
   books = books.Where(b => b.CheckoutDate >= date);`
C. `IQueryable<Book> books = db.Books.ToList().AsQueryable();
   books = books.Where(b => b.CheckoutDate >= date);`
D. `IEnumerable<Book> books = db.Books;
   books = books.Where(b => b.CheckoutDate >= date);`

A. Option A
B. Option B
C. Option C
D. Option D

Answer: A

Explanation:
The difference is that `IQueryable<T>` is the interface that allows LINQ-to-SQL (LINQ-to-anything really) to work. So if you further refine your query on an `IQueryable<T>`, that query will be executed in the database, if possible.
For the `IEnumerable<T>` 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.

NEW QUESTION 14
DRAG DROP
You are developing an ASP.NET MVC Web API application. The application must meet the following requirements:
?It must send or receive data without the use of a buffer.
?It must allow up to 1 MB of data to be received.
?It must allow up to 2 MB of data to be sent.
You need to complete the code to meet the requirements. You have the following code:
class Program
{
    private static string _baseAddress = "http://localhost:8080/";
    static void Main (string[] args)
    {
        var config = new HttpSelfHostConfiguration(_baseAddress);
        config.Routes.MapHttpRoute(
            name: "DefaultApi",
            routeTemplate: "api/{controller}/{id}",
            defaults: new { id=RouteParameter.Optional }
        );
        Target 1. Target 2 = 1024*1024*2;
        Target 3. Target 4 = 1024*1024;
        Target 5. TransferMode = TransferMode. Target 6;
        var server = new HttpSelfHostServer (config);
        server.OpenAsync().Wait();
    }
}

What code segments should you include in Target 1, Target 2, Target 3, Target 4, Target 5 and Target 6 to complete the code? (To answer, drag the appropriate code segments to the correct targets 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.)

<table>
<thead>
<tr>
<th>Code segments</th>
<th>Answer area</th>
</tr>
</thead>
<tbody>
<tr>
<td>config</td>
<td>Target 1: Code Segment</td>
</tr>
<tr>
<td>server</td>
<td>Target 2: Code Segment</td>
</tr>
<tr>
<td>MaxBufferSize</td>
<td>Target 3: Code Segment</td>
</tr>
<tr>
<td>MaxReceivedMessageSize</td>
<td>Target 4: Code Segment</td>
</tr>
<tr>
<td>MaxConcurrentRequests</td>
<td>Target 5: Code Segment</td>
</tr>
<tr>
<td>Streamed</td>
<td>Target 6: Code Segment</td>
</tr>
<tr>
<td>Buffered</td>
<td></td>
</tr>
</tbody>
</table>

A. Mastered
B. Not Mastered

Answer: A

Explanation:
NEW QUESTION 15
You have a web server that hosts several web applications. From Microsoft Visual Studio, you create an assembly that is signed. You need to make the assembly available to all of the web applications on the web server. The solution must minimize the number of copies of the assembly. Which tool should you run?

A. gacutil.exe
B. sn.exe
C. tlbImp.exe
D. regasm.exe

Answer: B

Explanation:
Strong Name Scenario
The following scenario outlines the process of signing an assembly with a strong name and later referencing it by that name.

Assembly A is created with a strong name using one of the following methods:

References: https://docs.microsoft.com/en-us/dotnet/framework/app-domains/create-and-use-strong-named-assemblies

NEW QUESTION 16
DRAG DROP
You are developing the following applications. All applications will be hosted in Azure and data will be stored using Azure storage.

<table>
<thead>
<tr>
<th>Application</th>
<th>Description and requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Logging</td>
<td>Store log files from various systems. Logs must not be deleted or changed and must be stored for a defined period of time</td>
</tr>
<tr>
<td>VM Manager</td>
<td>Store various virtual machine images in VHD format. The images support virtual machines with various operating systems.</td>
</tr>
<tr>
<td>Accounting</td>
<td>Store large Microsoft Excel workbooks.</td>
</tr>
</tbody>
</table>

All data must be stored using the binary large object (blob) hot storage tier. You need to select the blob storage type for each application. Which blob storage types should you use? To answer, drag the appropriate blob types to the correct applications. Each blob 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.

NOTE: Each correct selection is worth one point.
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A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1 Logging: append blob
An append blob is comprised of blocks and is optimized for append operations. When you modify an append blob, blocks are added to the end of the blob only, via the Append Block operation.
Box 2 VM Manager: block blob
Block blobs let you upload large blobs efficiently. Box 3: Accounting: page blob
Page blobs are a collection of 512-byte pages optimized for random read and write operations.
References: https://docs.microsoft.com/en-us/rest/api/storageservices/understanding-block-blobs--append-blobs--and-page-blobs

NEW QUESTION 17
DRAG DROP
You are developing an ASP.NET Core MVC web application. The application will use Entity Framework Core and a SQLite database.
You rename a property in the Customer data model. You attempt to apply the migration to the SQLite database and receive a NotSupportedException error that includes a table named Customer.
You need to resolve the migration error.
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.

A. Mastered
B. Not Mastered

Answer: A

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Explanation:
The SQLite provider has a number of migrations limitations. You can work around some of these limitations by manually writing code in your migrations to perform a table rebuild. A table rebuild involves renaming the existing table, creating a new table, copying data to the new table, and dropping the old table.
References: https://docs.microsoft.com/en-us/ef/core/providers/sqlite/limitations

NEW QUESTION 18
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 dotnet pack command Does the solution meet the goal?
A. Yes
B. No

Answer: B

Explanation:
Package the component with the NuGet pack command.

NEW QUESTION 19
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 deploy an ASP.NET Core web application to Azure App Services. You are using Azure Event Hubs to collect the telemetry data for the application. You need to configure Event Hubs to automatically deliver the telemetry data stream to a persistent data store.
Solution: Configure Azure Event Hubs Capture to deliver data to Azure SQL Database. Does the solution meet the goal?
A. Yes
B. No

Answer: B

Explanation:
Use Azure Blob storage to store the telemetry data.
References: https://docs.microsoft.com/en-us/azure/event-hubs/event-hubs-capture-overview

NEW QUESTION 20
HOTSPOT
You create the following Windows Communication Foundation (WCF) service.

```csharp
namespace WcfEmployeeService
{
    [ServiceContract]
    public interface IEmployeeService
    {
        ...
    }

    public class EmployeeService : IEmployeeService
    {
        ...
    }
}
```

The service is accessible at the URL of http://Service1/EmployeeService.svc. You need to add the endpoint for the WCF service to the Web.config file. How should you complete the markup? To answer, select the appropriate options in the answer area.

Answer Area

A. Mastered
B. Not Mastered

Answer: A

Explanation:
Box 1: address
Box 2: "http://Service1/EmployeeService.svc"

In WCF, an EndpointAddress models an endpoint reference (EPR) as defined in the WS-Addressing standard. The address URI for most transports has four parts. For example, this URI, "http://www.fabrikam.com:322/mathservice.svc/secureEndpoint" has the following four
parts:
Scheme: http:
Machine: www.fabrikam.com (Optional) Port: 322
Path: /mathservice.svc/secureEndpoint

Box 3:
The names and namespaces of the .NET types in the definition of contracts and operations are significant when contracts are converted into WSDL and when contract messages are created and sent. Therefore, it is strongly recommended that service contract names and namespaces are explicitly set using the Name and Namespace properties of all supporting contract attributes such as the ServiceContractAttribute, OperationContractAttribute, DataContractAttribute, DataMemberAttribute, and other contract attributes.

References: https://docs.microsoft.com/en-us/dotnet/framework/wcf/specifying-an-endpoint-address
https://docs.microsoft.com/en-us/dotnet/framework/wcf/designing-service-contracts

NEW QUESTION 21
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