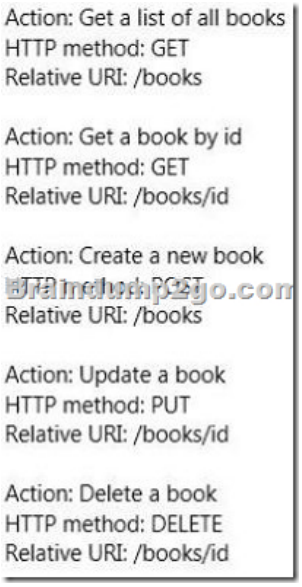
[April-New-2016Instant Download 70-494 Practice Exam in Braindump2go[CS1-CS7

2016 April New - Microsoft 70-494 New Case Study Released in Braindump2go.com Online Study Website! Case Study 1 - Scenario 1 (Question 1 ? Question 7)BackgroundYou are developing an online bookstore web application that will be used by your company's customers.Technical RequirementsGeneral requirements:- The web store application must be an ASP.NET MVC application written in Visual Studio.- The application must connect to a Microsoft SQL database. - The GetTop100Books() method is mission critical and must return data as quickly as possible.It should take advantage of fast, forward-only, read-only methods of reading data.- The ImportBooks() method must keep a copy of the data that can be accessed while new books are being imported without blocking reads. - The Create MonthlyTotalsReport() method must lock the data and prevent others from updating or inserting new rows until complete. - The college textbook area of the web application must get data from a daily updated CSV file.- The children's book area of the web application must get data directly from a local database. It must use a connection string. It must also support access to the stored procedures on the database. Further, it is required to have strongly typed objects. Finally, it will require access to databases from multiple vendors and needs to support more than one-to-one mapping of database tables. - The cookbook functionality is contained within a client-side application that must connect to the server using HTTP and requires access to the data using JavaScript.- The BookApiController class must have a method that is able to perform ad-hoc queries using OData. The RESTful API of the bookstore must expose the following endpoints.



Application Structure



```
public class Book
{
  public int Id { get; set; }
  public string Name { get; set; }
  public string Title { get; set; }
  public decimal Price { get; set; }
  public DateTime PublishDate { get; set; }
  public int Sales { get; set; }
  public static void SaveFeaturedBooks(IEnumerable<Book> books, string file)
  {
    ...
  }
}
public class BookApiController : ApiController
{
  private readonly IBookRepository bookRepository;
  public BookApiController(IBookRepository bookRepository)
  {
    this.bookRepository = bookRepository;
  }
  public List<Book> Get(int id)
  {
    var book = bookRepository.Find(id);
    if (book == null)
    {
      throw new HttpResponseException(HttpStatusCode.NotFound);
    }
    return new List<Book> { book };
```

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```
}
public HttpResponseMessage Post(Book value)
{
  if (ModelState.IsValid)
  {
    bookRepository.InsertOrUpdate(value);
    bookRepository.Save();
    var response = new HttpResponseMessage(HttpStatusCode.Created);
    string uri = Url.Route(null, new { id = value.Id });
    response.Headers.Location = new Uri(Request.RequestUri, uri);
    return response;
  }
  throw new HttpResponseException(HttpStatusCode.BadRequest);
}
public HttpResponseMessage Put(int id, Book value)
{
  if (ModelState.IsValid)
  {
    bookRepository.InsertOrUpdate(value);
    bookRepository.Save();
    return new HttpResponseMessage(HttpStatusCode.NoContent);
  }
  throw new HttpResponseException(HttpStatusCode.BadRequest);
}
public void Delete(int id)
{
  var book = bookRepository.Find(id);
  if (book == null)
  {
    throw new HttpResponseException(HttpStatusCode.NotFound);
    }
    bookRepository.Delete(id);
  }
}

...
```

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```
private static void ImportBooks()
{
  using (SqlConnection connection = new SqlConnection(_connectionString))
  {
    connection.Open();
    SqlCommand command = connection.CreateCommand();
    SqlTransaction transaction = connection.BeginTransaction();
    command.Connection = connection;
    command.Transaction = transaction;
    try
    {
      command.CommandText = _commandText;
      command.ExecuteNonQuery();
      transaction.Commit();
    }
    catch (Exception ex)
    {
      transaction.Rollback();
    }
  }
}
private static void ImportReportBooks()
{
  using (SqlConnection connection = new SqlConnection(_connectionString))
  {
    connection.Open();
    SqlCommand command = connection.CreateCommand();
    SqlTransaction transaction = connection.BeginTransaction();
    command.Connection = connection;
    command.Transaction = transaction;
    try
    {
      command.CommandText = _reportCommandText;
      command.ExecuteNonQuery();
      transaction.Commit();
    }
    catch (Exception ex)
    {
      transaction.Rollback();
    }
  }
}
```

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PurchaseOrders.xml

```
<?xml version="1.0"?>
<aw:PurchaseOrder
    aw:PurchaseOrderNumber="99503"
    aw:OrderDate="1999-10-20"
    xmlns:aw="http://www.adventure-works.com">
  <aw:Address aw:Type="Shipping">
    <aw:Name>Ellen Adams</aw:Name>
    <aw:Street>123 Maple Street</aw:Street>
    <aw:City>Hill Valley</aw:City>
    <aw:State>CA</aw:State>
    <aw:Zip>10999</aw:Zip>
    <aw:Country>USA</aw:Country>
  </aw:Address>
  <aw:Address aw:Type="Billing">
    <aw:Name>Tai Yee</aw:Name>
    <aw:Street>8 Oak Avenue</aw:Street>
    <aw:City>Old Town</aw:City>
    <aw:State>PA</aw:State>
    <aw:Zip>95819</aw:Zip>
    <aw:Country>USA</aw:Country>
  </aw:Address>
  <aw:Items>
    <aw:Item aw:PartNumber="872-AA">
      <aw:ProductName>Lawnmower</aw:ProductName>
      <aw:Quantity>1</aw:Quantity>
      <aw:USPrice>148.95</aw:USPrice>
      <aw:Comment>Confirm this is electric</aw:Comment>
    </aw:Item>
    <aw:Item aw:PartNumber="872-AA">
      <aw:ProductName>Lawnmower</aw:ProductName>
      <aw:Quantity>1</aw:Quantity>
      <aw:USPrice>148.95</aw:USPrice>
      <aw:Comment>Confirm this is electric</aw:Comment>
    </aw:Item>
    <aw:Item aw:PartNumber="926-AA">
      <aw:ProductName>Baby Monitor</aw:ProductName>
      <aw:Quantity>2</aw:Quantity>
      <aw:USPrice>39.98</aw:USPrice>
      <aw:ShipDate>1999-05-21</aw:ShipDate>
    </aw:Item>
  </aw:Items>
</aw:PurchaseOrder>
```

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Featured Books.xml

```
<?xml version="1.0" encoding="utf-8" ?>
<featured>
  <book>
    <id>1</id>
    <title>Science</title>
  </book>
  <book>
    <id>1</id>
    <title>Math</title>
  </book>
  <book>
    <id>1</id>
    <title>History</title>
  </book>
</featured>
```

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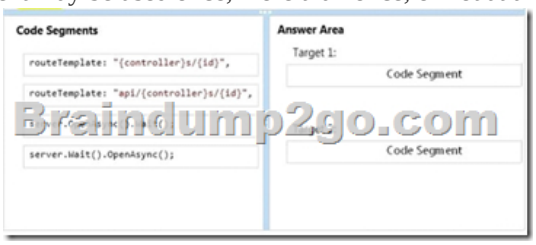
QUESTIONDrag and Drop QuestionYou need to configure the server to self-host the bookstore's Web API application.You have the following code:

```
var config = new HttpSelfHostConfiguration(_baseAddress);
config.Filters.Add(
  name: "DefaultApi",
  Target 1
);
var server = new HttpSelfHostServer(config) ;

Target 2
```

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Which code segments should you include in Target 1 and Target 2 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.)



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Answer:



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QUESTIONYou need to choose the appropriate data access strategy for the college textbook area of the web application.Which data access technology should you implement? A. WCF Data ServicesB. ADO.NETC. Entity Data Model (EDM)D. LINQ to SQL Answer: BExplanation:* Scenario: The college textbook area of the web application must get data from a daily updated CSV file.* ADO.NET reads the CSV file in a very similar way as table in database. QUESTIONYou need to choose the appropriate data access technology for the children's book area of the web application.Which data access technology should you choose? A. ADO.NET Entity FrameworkB. Web ServiceC. LINQ to SQLD. WCF Data Services Answer: CExplanation:* Scenario: The children's book area of the web application must get data directly from a local database. It must use a connection string. It must also support access to the stored procedures on the database. Further, it is required to have strongly typed objects. Finally, it will require access to databases from multiple vendors and needs to support more than one-to-one mapping of database tables.* Microsoft Language Integrated Query (LINQ) offers developers a new way to query data using strongly-typed queries and strongly-typed results, common across a number of disparate data types including relational databases, .NET objects, and XML. By using strongly-typed queries and results, LINQ improves developer productivity with the benefits of IntelliSense and compile-time error checking QUESTIONYou need to implement the Get() method in the bookstore Web API application to be able to find books by using an ad hoc query.Which method should you use?



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A. Option AB. Option BC. Option CD. Option D Answer: A QUESTIONYou are developing an ASP.NET MVC application that is secured 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. In the Package/Publish settings of the project, select the All Files in this project folder option.B. In the Build Events settings of the project, configure a pre-build event to include the SSL certificate.C. Create a web publish pipeline target file with a custom web deploy target. D. In the Signing dialog box, choose Sign the assembly and select the appropriate entry from the Choose a strong name key file list. Answer: C QUESTIONYou need to choose the appropriate data access technology for the cookbook area of the web application. Which data access technology should you choose? A. Entity FrameworkB. ADO.NETC. LINQ to SQL D. WCF Data Services Answer: DExplanation:* Scenario: The cookbook functionality is contained within a client-side application that must connect to the server using HTTP and requires access to the data using JavaScript.* WCF Data Services (formerly known as "ADO.NET Data Services") is a component of the .NET Framework that enables you to create services that use the Open Data Protocol (OData) to expose and consume data over the Web or intranet by using the semantics of representational state transfer (REST). OData exposes data as resources that are addressable by URIs. Data is accessed and changed by using standard HTTP verbs of GET, PUT, POST, and DELETE* WCF Data Services uses the OData protocol for addressing and updating resources. In this way, you can access these services from any client that supports OData. OData enables you to request and write data to resources by using well-known transfer formats:Atom, a set of standards for exchanging and updating data as XML, and JavaScript Object Notation (JSON), a text-based data exchange format used extensively in AJAX application. QUESTION 7You are preparing to write the data access code for the children's book area of the web site.You need to review the requirements and identify the appropriate data access technology.What should you do? A. Use the WCF Data Services.B. Use a Web Service.C. Use ADO.NET Entity Framework.D. Use LINQ to SQL Answer: C 2016 Latest Microsoft 70-494 Exam Preparation Materials:1.2016 New 70-494 Exam VCE and PDF Dumps 890Q&As - All New Questions and Case Studies Included:http://www.braindump2go.com/70-494.html 2.2016 New 70-494 Exam Questions and Answers with Explanation - Google Drive Files: https://drive.google.com/folderview?id=0B9YP8B9sF_gNcFpNbVpESVhvQnc&usp=sharing

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