

Microsoft 70-486



Developing ASP.NET MVC 4 Web Applications

Version: 10.1

Topic 1, Scenario 1

Background

You are making use of Visual Studio 2012 to create an ASP.NET MVC application to log training information for a cycling club.

Business Requirements

The application needs to host data regarding training dates, distances, and duration. Application users must be able to view and modify data. The application itself should be highly accessible. The application should also allow for times to be presented in the user's native time.

Technical Requirements

A public class, named `CyclistLog.DataAccess.CyclistLogDb`, deals with database access. HTTP GET should be used for all data retrieval. HTTP POST should be used for all data updates.

A master layout file, named `\Views\Shared_Layout.cshtml`, is used by all pages in the application.

The application makes use of the `\Models\LogModel.cs` model.

The Razor view engine is used for all views in the application. The `\Views\CyclingLog` includes the `_CalculateSpeed.cshtml`, `EditLog.cshtml`, `GetLog.cshtml`, and `InsertLog.cshtml` views. The application, however, includes a `\Views\Home\Index.cshtml` view.

The controller included in the application is `\Controllers\CyclingLogController.cs`. You have also included a `timer.png` image in the `\Images` folder.

When a user examines a cycling log, the user's trail map is accessible. This map is configured as a video and an Adobe Flash application. The browser should use H264, Ogg, or WebM formats (in this order) to present the video natively. The Flash application should be used in the event that the video cannot be presented.

Security:

The application should make use of forms authentication, and requires user login for entering information. The editing or deleting of cyclist information requires a user to be a member of the Admin role.

Users must be members of the Admin role to.

The application should be defended against cross-site request forgery. The SHA1 algorithm should be used to hash passwords.

A custom role provider must be included in CyclistLog.Providers.CyclingLogRoleProvider.es.

QUESTION NO: 1

You have received instructions to make sure that the Views\CyclingLog_CalculateSpeed.cshtml partial view, from the Views\Cyclelog \GetLog.cshtml, is configured to show the cyclist's average speed per kilometer.

You need to write the necessary code to apply the view.

Which of the following is a method that should be included in your code?

- A. The DisplayFor method.
- B. The ExhibitFor method.
- C. The PresentFor method.
- D. The ConcealFor method.

Answer: A

Explanation:

QUESTION NO: 2

You have been instructed to meet the business requirements with regards to security.

You are required to make changes to the CyclingLogController.

Which of the following actions should you take?

- A. You should consider adding code to assign users the Administrator role.
- B. You should consider adding code to assign users the Advanced Operator role.
- C. You should consider adding code to assign users the Author role.
- D. You should consider adding code to assign users the Report Security Administrator role.

Answer: A

Explanation:

QUESTION NO: 3

You have been instructed to insert a line of code into your existing code that allows for the "Distance" header of the table to be displayed in bold in the Views/CyclingLog/GetLog.cshtml view.

Which of the following should be included in the line of code?

- A. You should consider including the :first-child pseudo-class.
- B. You should consider including the :last-child pseudo-class.
- C. You should consider including the :nth-child pseudo-class.
- D. You should consider including the :nth-last-child(n) pseudo-class.

Answer: C

Explanation:

QUESTION NO: 4

You have been asked to make sure that the edit action of RunLogController is extended.

You start by writing the following lines of code:

```
[HttpPost]
```

```
[ActionName ("Editlog")]
```

You are required to make use of a specific attribute next.

Which of the following is the attribute in question?

- A. The [ValueProviderCollection] attribute.
- B. The [ValidateInput] attribute.
- C. The [ValidateAntiForgeryToken] attribute.
- D. The [ValidatableObjectAdapter] attribute.

Answer: C

Explanation:

QUESTION NO: 5

You have been tasked with making sure that the application is configured to make use of a custom role provider, named CyclingLogRoleProvider.

Which of the following actions should you take?

- A. You should consider making changes to the machine.config file.
- B. You should consider making changes to the app.config file.
- C. You should consider making changes to the web.config file.
- D. You should consider making changes to the client.config file.

Answer: C

Explanation:

QUESTION NO: 6

You are preparing to write code that prevents invalid parameters from being distributed to the EditLog action.

To achieve this, you are required to build the route in a certain way.

Which of the following is a method that should be included in the code?

- A. You should consider including the MapRoute method
- B. You should consider including the IgnoreRoute method
- C. You should consider including the GetVirtualPathForArea method
- D. You should consider including the ReRoute method

Answer: A

Explanation:

QUESTION NO: 7

You want to make sure that the application exhibits the text, "Cycling 2013". The text should be exhibited in the footer in the last part of the _Layout.cshtml file, and should be formatted by JavaScript.

You want to make sure that, based on browser support, the text is exhibited as plain text or formatted text.

Which of the following actions should you take?

- A. You should consider changing the InsertLog.cshtml view.
- B. You should consider changing the EditLog.cshtml view.
- C. You should consider changing the layout.
- D. You should consider changing the _CalculateSpeed.cshtml view.

Answer: C

Explanation:

Topic 2, Scenario 2

Background

You are making use of Visual Studio 2012 to create an ASP.NET MVC online retail web application.

Business Prerequisites

The entering of user e-mail addresses should not be compulsory. In the event that a user does provide an e-mail address, the validity of the address should be authenticated. To motivate users to keep on browsing the item list, you have to make sure that the first item on the item page gradually disappears.

Furthermore, you have to make sure that administrators have the ability to manage current client data, and also identify a default item on the item page.

Technical Prerequisites

General:

A load-balanced web farm, where the load balancer has not been configured to employ server affinity, hosts the application

With regards to items, you are informed that the itemId property value should not be less than or equal to 0. Furthermore, the Items page for mobile devices should be presented to mobile users and the Items page for desktop computers should be presented to desktop users

Storage:

You are informed that information should be saved in a serialized XML data format, and that serialized objects should be independent of the schema.

Exception handling:

A page showing support contact details should be presented for IIS exceptions. 404 errors resulting from expired links cause exceptions to be thrown. Some page links expire, and users

who access these links encounter 404 errors. The WriteLog method of the Utility class should be used to log these exceptions.

Browser and device support:

The application should allow for .bmp format images to be changed to .jpeg format images for mobile devices, and to .png format images for desktop computers.

QUESTION NO: 8

You have been tasked with creating a Communication Foundation (WCF) service that makes use of the Item class. You are informed that the Item class should be updated in such a way that it satisfies storage prerequisites.

You start by marking the Item class with the DataContract attribute.

Which of the following actions should you take NEXT?

- A.** You should consider making sure that the public members of the Item class is marked with the EnumMember attribute.
- B.** You should consider making sure that the private members of the Item class is marked with the DataMember attribute.
- C.** You should consider making sure that the private members of the Item class is marked with the EnumMember attribute.
- D.** You should consider making sure that the public members of the Item class is marked with the DataMember attribute.

Answer: D

Explanation:

QUESTION NO: 9

You have received instructions to make sure that IIS errors are handled in accordance with the prerequisites.

Which of the following actions should you take?

- A.** You should consider bringing the customErrors attribute in the web.config file up to date.
- B.** You should consider bringing the customErrors attribute in the machine.config file up to date.
- C.** You should consider bringing the customErrors attribute in the app.config file up to date.
- D.** You should consider bringing the customErrors attribute in the client.config file up to date.

Answer: A

Explanation:

QUESTION NO: 10

You have been instructed to write code that creates a method for the ItemController class. The method must satisfy the prerequisites to handle exceptions related to logging.

Which of the following actions should you take?

- A. You should consider creating an OnResultExecuted method.
- B. You should consider creating an OnAuthorization method.
- C. You should consider creating an OnException method.
- D. You should consider creating an OnActionExecuting method.

Answer: C

Explanation:

QUESTION NO: 11

You have received instructions to make sure that the prerequisites with regards to the ItemId are suitably met.

Which of the following actions should you take?

- A. You should consider changing a method of ItemController.
- B. You should consider changing a method of ItemProperty.
- C. You should consider changing a method of ItemObject.
- D. You should consider changing a method of ItemAttribute.

Answer: A

Explanation:

QUESTION NO: 12

You are preparing to make sure that the prerequisites for client information management are suitably met.

You start by configuring the Controllers folder to include a class, named Client-Controller.

Which of the following actions should you take NEXT?

- A. You should consider configuring the Client-Controller to include the Edit method.
- B. You should consider configuring the Client-Controller to include the Run method.
- C. You should consider configuring the Client-Controller to include the Client method.
- D. You should consider configuring the Client-Controller to include the Reword method.

Answer: A

Explanation:

QUESTION NO: 13

You are informed that a run-time exception takes place every time a user tries to access a non-existent item from the item page. You are instructed to write code that creates a method that routes the exception to the CustomException.aspx page.

Which of the following is the method you should create?

- A. The RegisterGlobalFilters method.
- B. The RegisterLocalFilters method.
- C. The JoinGlobalFilters method.
- D. The JoinLocalFilters method.

Answer: A

Explanation:

QUESTION NO: 14

After updating the web.config file to display an alternative version of the site by configuring the necessary HTTP run-time value, you are instructed to make sure that users are presented with appropriate page.

Which of the following actions should you take?

- A. You should consider inserting and when statement.
- B. You should consider inserting and then statement.
- C. You should consider inserting and why statement.
- D. You should consider inserting and if statement.

Answer: D

Explanation:

QUESTION NO: 15

You have received instructions to apply client-side animations. You want to make sure that the business prerequisites are suitably met.

Which of the following should be included in your code?

- A. You should consider including the :first-child pseudo-class.
- B. You should consider including the :nth-child pseudo-class.
- C. You should consider including the :nth-last-child(n) pseudo-class.
- D. You should consider including the :last-child pseudo-class.

Answer: B

Explanation:

QUESTION NO: 16

You have been instructed to make sure that the technical prerequisites with regards to scalability are adequately met. To achieve this, it is necessary to access the web.config file to configure session storage.

You want to make use of a SessionState mode that stores session state in a process that is separate from the ASP.NET worker process or IIS application pool.

Which of the following should you make use of?

- A. You should consider making use of the In-process mode.
- B. You should consider making use of the Off mode.
- C. You should consider making use of the SQLServer mode.
- D. You should consider making use of the StateServer mode.
- E. You should consider making use of the Custom mode.

Answer: D

Explanation:

Topic 3, Scenario 3

Background

You are developing a service that allows for the direct digital-to-digital data conversion of one encoding to another. Users currently employ the service for the uploading of audiovisual media files for conversion to different formats, as well as for the viewing of the converted files.

Business Requirements

The client-side section of the application has been created as an ASP.NET MVC application using Visual Studio 2012. The client-side of the application allows for the uploading of audiovisual media and the planning of transcoding by administrators. Furthermore, administrators and users are allowed to download the audiovisual medias that have gone through the direct digital-to-digital data conversion process.

Metadata is attached to uploaded audiovisual medias for identification purposes. As soon as the audiovisual media upload is complete, this metadata is collected by a single system.

User computers must have Microsoft Internet Explorer 7 installed, as a minimum.

The application excludes a header that can be viewed on all pages. The header has been configured to display links to administrative functions for users logged in as administrators. A cookie, which is configured on the server, supplies this data. In the event of an error condition existing, the administrative links should not be displayed.

Technical Requirements

User Experience:

Users are able to scrutinize a list of audiovisual medias via the front-end web application. The presented page is configured as the application's principal view. Every request causes the HTML elements, other than the list of audiovisual medias, to change. This, in turn, causes the page to reload.

Compatibility:

Some user browsers, which do not support the HTTP DELETE verb, send a POST request with an HTTP header of X-Delete when the expected operation is to delete.

Transcoding:

A set of Windows Azure worker roles has been configured for transcoding purposes. A third-party command line tool must be installed for transcoding. The path to the utility is hosted by an Environment variable, subsequent to tool installation. The license key is included in a variable, named license. When the utility is not in use, it has to be unregistered. Furthermore, a substantial quantity of resources is consumed by the utility.

At any given time, the utility can have ten instances of the utility running, at most. An instance of the role must allow other roles to process the additional audiovisual media that it cannot.

Errors are logged to a Logs directory under the utilities path by the utility.

Performance information is collected by a local Azure directory resource, named perf.

Development:

Errors generated by the utility must be examined by developers via Microsoft Remote Desktop Protocol (RDP). This functionality has been provided by the creation of an x509 certificate that has been distributed to the developers. Only RDP must be used by developers for this function.

QUESTION NO: 17

You have been instructed to make sure that developers have the ability to access a Windows Azure role via RDP.

You start by exporting a certificate with a private key.

Which of the following actions should you take NEXT?

- A.** You should consider uploading the .cer file to the Certificates section of the TranscodeWorkerRole hosted service on the Azure Management Portal.
- B.** You should consider downloading the .cer file from the Certificates section of the TranscodeWorkerRole hosted service on the Azure Management Portal.
- C.** You should consider downloading the .pfx file from the Certificates section of the TranscodeWorkerRole hosted service on the Azure Management Portal.
- D.** You should consider uploading the .pfx file to the Certificates section of the TranscodeWorkerRole hosted service on the Azure Management Portal.

Answer: D

Explanation:

QUESTION NO: 18

You have been instructed to maximize performance for users who download audiovisual media via

HTTP clients that support different content encodings by configuring caching on the DownloadAudiovisualMedia action.

You want to write code to include the necessary attribute.

Which of the following is a property that should be included in your code?

- A. The VaryByControl property.
- B. The VaryByCustom property.
- C. The VaryByHeader property.
- D. The VaryByParam property.
- E. The VaryByContentEncoding property.

Answer: E

Explanation:

QUESTION NO: 19

You have received instructions to create a new authentication strategy. The new strategy must make use of an HTTP header value. Furthermore, you are informed that the operation of the current authentication strategy should not be disrupted.

After creating the new strategy, you are required to apply it.

Which of the following actions should you take? (Choose all that apply.)

- A. You should consider creating a class based on the AuthorizeAttribute class.
- B. You should consider creating a class based on the AuthorizationContext class.
- C. You should consider checking for a valid HTTP header value in the AuthorizeCore method.
- D. You should consider checking for a valid HTTP header value in the OnAuthorization method.
- E. You should consider checking for a valid HTTP header value in the OnCacheAuthorization method.

Answer: A,C

Explanation:

QUESTION NO: 20

You have received instructions to improve the execution of the audiovisual media transfer.

You are preparing to write the necessary code.

Which of the following actions should you take?

- A. You should consider making use of the DeflateStream Class.
- B. You should consider making use of the ZipArchive Class.
- C. You should consider making use of the ZipFile Class.
- D. You should consider making use of the GZipStream Class.

Answer: D

Explanation:

QUESTION NO: 21

You have received instructions to make sure that the utility registration occurs in accordance with its license.

To achieve this, you are preparing to write code that includes a method in the TranscodeWorkerRole class.

Which of the following is a process method that should be included in your code?

- A. The OnExited method.
- B. The WaitForExit method.
- C. The WaitForInputIdle method.
- D. The Kill method.

Answer: B

Explanation:

QUESTION NO: 22

You have been tasked with making sure that, prior to the worker role launching, the utility is implemented.

Which of the following actions should you take?

- A. You should consider configuring a startup task.
- B. You should consider configuring a task schedule.
- C. You should consider manually implementing the utility every time you log on.
- D. You should consider configuring a logon script.

Answer: A

Explanation:

QUESTION NO: 23

You are instructed to make sure that the deletion of audiovisual media is not dependent on browser ability.

Which of the following actions should you take?

- A. You should consider writing code to create a SendSync method.
- B. You should consider writing code to create a SendAsync method.
- C. You should consider writing code to create a RetrieveAsync method.
- D. You should consider writing code to create a RetrieveSync method.

Answer: B

Explanation:

Topic 4, Mixed Questions

QUESTION NO: 24

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You have received instructions to create a new ABC.com website, using HTML5. You have been informed that the interface has to allow for the web page content to be accessible to disabled users.

Which of the following actions should you take?

- A. You should consider including the use of File API attributes.
- B. You should consider including the use of WebSocket API attributes.
- C. You should consider including the use of Accessible Rich Internet Application (ARIA) attributes.
- D. You should consider including the use of Geolocation attributes.
- E. You should consider including the use of Indexed Database API attributes.

Answer: C

Explanation:

QUESTION NO: 25

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for ABC.com. You want to make sure that the new application has access to content files located on the same IIS instance as the application.

Subsequent to initializing the application, you find that there are problems relating to the application's performance.

Which of the following actions should you take fix the problem?

- A. You should consider including the use of WebSocket API attributes.
- B. You should consider making use of ASP.NET MVC bundling to join the content files.
- C. You should consider including the use of Accessible Rich Internet Application (ARIA) attributes.
- D. You should consider making use of ASP.NET MVC bundling to separate the content files.

Answer: B

Explanation:

QUESTION NO: 26

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for ABC.com. The new application allows for users from various countries to access the application based on their respective cultures.

As a result, the application includes various resource files in the Resources directory. These files include a public resource with localized translation.

You are required to make use of a specific WebViewPage property so that the application sets the user's client browser according to the settings.

Which of the following actions should you take?

- A. You should consider making use of the ViewContext property.
- B. You should consider making use of the Html property.
- C. You should consider making use of the ViewBag property.
- D. You should consider making use of the ViewData property.

Answer: C

Explanation:

QUESTION NO: 27

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You have recently developed an ASP.NET application for ABC.com. You are planning to assess the new application by running tests that target the application's business layer.

Which of the following actions should you take?

- A. You should consider making use of a Windows Forms Control.
- B. You should consider making use of a Coded UI Test Project.
- C. You should consider making use of a Unit Test Project.
- D. You should consider making use of a Web Performance and Load Test Performance Project.

Answer: C

Explanation:

QUESTION NO: 28

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are in the process of creating unit tests that makes use of sealed classes. You want to make sure that dependencies in the unit tests are suitably created, maintained, and injected.

You want to configure the use of a suitable isolation method.

Which of the following actions should you take?

- A. You should consider making use of counterfoil type isolation methods.
- B. You should consider making use of remnant type isolation methods.
- C. You should consider making use of shim type isolation methods.

D. You should consider making use of stump type isolation methods.

Answer: C

Explanation:

QUESTION NO: 29

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. Upon initialization of the application, you find that exceptions are thrown and handled.

You are required to find out what the state of the application is at the time of the exception being thrown. You should consider selecting Exceptions from the DEBUG menu in Visual Studio 2012.

Which of the following actions should you take? (Choose all that apply.)

- A. You should also consider selecting the User-unhandled check box for Common Language Runtime Exceptions option.
- B. You should also consider selecting the Usehandled check box for Common Language Runtime Exceptions option.
- C. You should also consider de-selecting the User-unhandled check box for Common Language Runtime Exceptions option.
- D. You should also consider de-selecting the User-unhandled check box for Common Language Runtime Exceptions option.

Answer: C

Explanation:

QUESTION NO: 30

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. The new application should be installed on ABC.com servers located on various networks. Furthermore, the application should be configured to collect news articles for users to browse. The application should, therefore, be accessible via various browsers to allow users to search the site.

You have been instructed to make sure that the page numbers viewed by users in the search results are tracked. To do this, you are required to make sure that the location for storing state data, with reference to the user's search, is configured.

Which of the following actions should you take?

- A. You should consider storing search terms and page index by making use of Query.
- B. You should consider storing search terms and page index by making use of String.
- C. You should consider storing search terms and page index by making use of QueryString.
- D. You should consider storing search terms and page index by making use of Search.

Answer: C

Explanation:

QUESTION NO: 31

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. ABC.com has a web farm that will host the new application.

You have been informed that the application should allow for web server failures to be handled without much fuss. Furthermore, state data should be shared between the farm servers.

You are preparing to persist the application state during the session.

Which of the following actions should you take?

- A. You should consider making use of a state server.
- B. You should consider making use of a global catalog server.
- C. You should consider making use of a file server.
- D. You should consider making use of a database server.

Answer: A

Explanation:

QUESTION NO: 32

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. The application will present data that updates on a regular basis.

You have been instructed to make sure that the data is presented instantaneously. To achieve this, you are required to remove redundant header data, and reduce latency. You also have to transfer information via a full-duplex link.

Which of the following actions should you take on the client and the server?

- A. You should consider making use of Named Pipes protocol.
- B. You should consider making use of Virtual Interface Adapter (VIA) protocol.
- C. You should consider making use of WebSockets protocol.
- D. You should consider making use of TCP/IP protocol.

Answer: C

Explanation:

QUESTION NO: 33

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You have been tasked with developing a distributed application for ABC.com. The application will be installed on the Windows Azure platform, and should allow for the storage of an insignificant number of unprotected global data.

You want to configure the use of a server-side state management option that makes use of the `NetDataContractSerializer` class for session state serialization internally. The option also supports simultaneous access to the same set of session state for multiple readers and a single writer.

Which of the following actions should you take?

- A. You should consider making use of Session state.
- B. You should consider making use of Windows Azure session state.
- C. You should consider making use of Control state.
- D. You should consider making use of View state.

Answer: B

Explanation:

QUESTION NO: 34

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. You have configured the application to include pages for Windows Phone 7 users to browse the site.

You have been instructed to make sure that the application is updated to allow Windows Phone 7 users to accurately view the modified files.

You are required to update a specific method.

Which of the following is the method that should be updated?

- A. The Application.OnLaunched method.
- B. The Application.Start method.
- C. The Application.OnFileActivated method.
- D. The OnSearchActivated.Start method.

Answer: B

Explanation:

QUESTION NO: 35

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for ABC.com. You have been instructed to make sure that users can only insert JavaScript into a feedback text box.

You want to make sure that HTTP request values can be accessed without triggering request validation.

Which of the following actions should you take?

- A. You should consider making use of the `HttpRequest.HttpChannelBinding` property.
- B. You should consider making use of the `HttpRequest.QueryString` property.
- C. You should consider making use of the `HttpRequest.Unvalidated` property.
- D. You should consider making use of the `HttpRequest.AnonymousID` property.

Answer: C

Explanation:

QUESTION NO: 36

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for ABC.com. ABC.com has a web farm that will host the new application.

You are informed that passwords should be saved in the `web.config` file, and should be encrypted in such a way that it is not readable, or in a format that is easily decodable.

Which of the following actions should you take?

- A. You should consider making use of the `Aspnet_regiis.exe` command-line tool.
- B. You should consider making use of the `Aspnet_Ipconfig.exe` command-line tool.
- C. You should consider making use of the `Aspnet_Regsvr32.exe` command-line tool.
- D. You should consider making use of the `Aspnet_reg.exe` command-line tool.

Answer: A

Explanation:

QUESTION NO: 37

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC web application for ABC.com. The application makes use of claims-based authentication for user authentication.

You are instructed to make sure that the application supports the Windows Azure Access Control Service, and makes use of Windows Identity Foundation 4.5.

You need to write the necessary code to apply authentication.

Which of the following actions should you take?

- A. You should consider making use of the IClaimsPrincipal interface.
- B. You should consider making use of the IClaimsIdentity interface.
- C. You should consider making use of the ClaimsAuthorizationManager class.
- D. You should consider making use of the ClaimsAuthenticationManager class

Answer: B

Explanation:

QUESTION NO: 38

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. You want to make sure that a Microsoft SQL Server database is configured to host membership data.

You are required to configure the use of a membership provider.

Which of the following are membership providers that ships with ASP.NET? (Choose two.)

- A. A membership provider that makes use of Microsoft SQL Server as a data source.
- B. A membership provider that makes use of Oracle as a data source.
- C. A membership provider that makes use of Windows Active Directory.
- D. A membership provider that makes use of a user database as a data source.

Answer: A,C

Explanation:

QUESTION NO: 39

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You have been tasked with developing a distributed application for ABC.com. The application should allow for the storage of an insignificant number of unprotected global data. Furthermore, you are informed that modifications to the unprotected global data rarely occur.

Which of the following actions should you take?

- A. You should consider making use of View state.
- B. You should consider making use of Control state.
- C. You should consider making use of Application state.
- D. You should consider making use of Windows Azure session state.

Answer: C

Explanation:

QUESTION NO: 40

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. You have been instructed to make sure that an ASP.NET membership database is used to authenticate clients.

Which of the following actions should you take?

- A. You should consider making use of Digest authentication.
- B. You should consider making use of Forms authentication.
- C. You should consider making use of Anonymous authentication.
- D. You should consider making use of Basic authentication.

Answer: B

Explanation:

QUESTION NO: 41

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You are making use of Visual Studio 2012 to create a new ASP.NET MVC application for ABC.com. The application is configured to include pages for Windows Phone 7 users. These pages contain the _Layout.WP7.cshtml and Index.WP7.cshtml files.

You are required to make sure that the application suitably presents the files to Windows Phone 7 users. You therefore need to update the application.

Which of the following actions should you take?

- A. You should consider updating the Application_Start method.
- B. You should consider updating the Application_OnLaunched method.
- C. You should consider updating the Application_OnSearchActivated method.
- D. You should consider updating the Application_OnFileActivated method.

Answer: A

Explanation:

QUESTION NO: 42

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing an HttpRequest property that returns the physical file system path that matches the requested URL.

Which of the following is the property being discussed?

- A. The HttpRequest.PhysicalPath property.
- B. The HttpRequest.Path property.
- C. The HttpRequest.PathInfo property.
- D. The HttpRequest.PhysicalApplicationPath property.

Answer: A

Explanation:

QUESTION NO: 43

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain,

named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing an HttpRequest property that Gets or sets the character set of the entity-body.

Which of the following is the property being discussed?

- A. The Cookies property.
- B. The ContentLength property.
- C. The ContentEncoding property.
- D. The ContentType property.

Answer: C

Explanation:

QUESTION NO: 44

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing the UserHostName HttpRequest property.

Which of the following describes the purpose of this property?

- A. It returns the raw user agent string of the client browser.
- B. It returns the IP host address of the remote client.
- C. It returns a sorted string array of client language preferences.
- D. It returns the DNS name of the remote client.

Answer: D

Explanation:

QUESTION NO: 45

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing a SessionState mode that stores session state in memory on the Web server.

Which of the following is the SessionState mode being discussed?

- A. The In-process mode.
- B. The Off mode.
- C. The SQLServer mode.
- D. The StateServer mode.
- E. The Custom mode.

Answer: A

Explanation:

QUESTION NO: 46

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing SessionState modes.

Which of the following is the default SessionState mode?

- A. The In-process mode.
- B. The Off mode.
- C. The SQLServer mode.
- D. The StateServer mode.
- E. The Custom mode.

Answer: A

Explanation:

QUESTION NO: 47

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing state management options that allows the storing of data on the server. You are currently dealing with the option that allows you to store user-specific data.

Which of the following is the option being discussed?

- A. Query Strings.
- B. Application State.
- C. Profile Properties.
- D. Session State.
- E. View State.

Answer: C

Explanation:

QUESTION NO: 48

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing the `HttpRequest` methods. You are currently dealing with a method that returns the specified member of the request header.

Which of the following is the method being discussed?

- A. `GetHttpVersion`.
- B. `GetHttpVerbName`.
- C. `GetHashCode`.
- D. `GetKnownRequestHeaderName`.
- E. `GetKnownResponseHeaderIndex`.

Answer: B

Explanation:

QUESTION NO: 49

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing the `HttpWorkerRequest` methods. You are currently dealing with a method that returns all nonstandard HTTP header name-value pairs.

Which of the following is the method being discussed?

- A. `GetUnknownRequestHeaders`.
- B. `GetUnknownRequestHeader`.
- C. `GetKnownRequestHeaderName`.
- D. `GetKnownResponseHeaderIndex`.

Answer: A

Explanation:

QUESTION NO: 50

You are employed as a developer at ABC.com. ABC.com has a single Active Directory domain, named ABC.com.

You make use of Visual Studio 2012 to create new ASP.NET MVC web applications for ABC.com.

You are currently running a training exercise for junior developers. You are discussing a class that converts task-returning asynchronous methods into methods that use the asynchronous programming model used in previous versions of ASP.NET.

Which of the following is the class being discussed?

- A. The `EventHandlerTaskAsyncHelper` class.
- B. The `HttpServerUtilityBase` class.
- C. The `HttpRuntime` class.
- D. The `HttpResponse` class.

Answer: A

Explanation: <http://msdn.microsoft.com/en-us/library/system.web.eventhandlertaskasynchelper.aspx>