

## OFFER Free Microsoft 70-519 PDF and VCE Exam Dumps 141-150

Vendor: Microsoft Exam Code: 70-519 Exam Name: PRO: Designing and Developing Web Applications Using Microsoft .NET Framework 4 Exam Version: 14.79

**QUESTION 141** You have an ASP.NET Web application that is deployed on multiple, identical Web servers. The Web servers retrieve data from multiple, identical Microsoft SQL Server databases. Each user maintains an active Web application session during the entire business day. You notice that some Web servers consume 100 percent of their CPU resources and return timeout errors, while other Web servers are idle. You need to design a plan to load-balance the Web application across the available Web servers. Which approach should you recommend?

A. Use per-request load balancing with StateServer session state.  
B. Use affinity load balancing with SQLServer session state.  
C. Use per-request load balancing with InProc session state.  
D. Use affinity load balancing with StateServer session state.

Answer: A

**QUESTION 142** You are designing an ASP.NET Web application for online image editing. Users can upload images to the Web application and edit those images by using utilities provided by the application. Some utilities are processor intensive and should be offloaded to a Graphics Processing Unit (GPU). Other utilities require the use of proprietary algorithms that must be performed on the server. You need to design a solution for minimizing bandwidth usage and Web server response times during image processing, while providing a responsive application. Which two approaches should you recommend? (Each correct answer presents part of the solution. Choose two.)

A. Perform server-side image processing on the Web server.  
B. Perform server-side image processing on a dedicated server.  
C. Perform client-side image processing by using ASP.NET AJAX.  
D. Perform client-side image processing by using Microsoft Silver light.

Answer: BD

**QUESTION 143** You are designing an ASP.NET Web application that has common navigation and layout elements on all pages. You have the following requirements:

- Maintain common elements in a single location.
- Ensure that common elements can be modified and nested without redeploying the Web application.
- Allow developers to customize the object model from individual pages.

You need to recommend a solution that can be specified at the application, folder, or page level. What should you recommend?

A. Use a page base type.  
B. Use a master page.  
C. Use a server control.  
D. Use a theme.

Answer: B

**QUESTION 144** Drag and Drop Question You design a web application named Marketing that is hosted on Internet Information Services (IIS). The application has the following requirements:

- Must include the same settings that are used in the other applications that run on the same web server.
- Must use an isolated application pool named Marketing.

You need to create the application pool for the Marketing application. How should you complete the relevant code? (To answer, drag the appropriate code segments to the correct drop target 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.)

```
private static void Main()
{
    using (ServerManager serverManager = new ServerManager())
    {
        Configuration config =
            serverManager.
        ConfigurationSection applicationPoolsSection =
            config.GetSection("system.applicationHost/
            ");
        ConfigurationElementCollection applicationPoolsCollection =
            applicationPoolsSection.GetCollection();
        addSample =
            applicationPoolsCollection.CreateElement("add");
        addSample["name"] = @"Marketing";
        applicationPoolsCollection.Add(addSample);
        serverManager.CommitChanges();
    }
}
```

Answer:

```
private static void Main()
{
    using (ServerManager serverManager = new ServerManager())
    {
        Configuration config =
            serverManager.
        ConfigurationSection applicationPoolsSection =
            config.GetSection("system.applicationHost/
            ");
        ConfigurationElementCollection applicationPoolsCollection =
            applicationPoolsSection.GetCollection();
        ConfigurationElement addSample =
            applicationPoolsCollection.CreateElement("add");
        addSample["name"] = @"Marketing";
        applicationPoolsCollection.Add(addSample);
        serverManager.CommitChanges();
    }
}
```

**QUESTION 145** You are designing an ASP.NET Web application. The Web application uses a Menu control to display either a

menu of public and private pages to authorized users or a menu of only public pages to visitors. You need to ensure that the menu options and URLs of the private pages are not available to unauthorized users. Which approach should you recommend? A. Use the Page\_Init method to add to the Menu control only pages that the user is authorized to view. B. Use the Page\_Load method to add to the Menu control only pages that the user is authorized to view. C. Use a JavaScript window.onload event handler to hide the private pages from the list of pages shown on the menu. D. Use a JavaScript document ready event handler to hide the private pages from the list of pages shown on the menu. Answer: B

QUESTION 146 You are redesigning an existing three-tier ASP.NET Web application that is deployed to a Web server, an application server, and a database server that runs Microsoft SQL Server 2008. Usage has increased significantly. The application has become slow and occasionally times out. Health monitoring logs indicate that the data access logic on the application server is consuming the majority of the CPU resources. You need to recommend an approach for addressing the scalability and reliability issues. Which two actions should you recommend? (Each correct answer presents part of the solution. Choose two.) A. Move the application tier to a Web farm. B. Partition the tables and indexes in the database. C. Use a clustered database server configuration. D. Move the Web tier to a Web farm. Answer: AC

QUESTION 147 You are designing an ASP.NET Web application to manage and display sensitive information stored in a Microsoft SQL Server database. The database also provides authorization information for users. All Web pages that display sensitive information require an authenticated login. There is no visitor access to these pages. You have the following requirements: - Separate authorization logic from the application. - Prevent the application from directly accessing the database server. You need to design a data access and authorization solution. Which approach should you recommend? A. Use a WCF service. B. Use a separate library. C. Use SQL XML Services. D. Use stored procedures. Answer: A

QUESTION 148 You develop a website. You are asked to add a new section named Marketing to the website. You have the following requirements: - The Marketing section must be accessible only on mobile devices. - The Marketing section must scale automatically to the browser that is in use. You need to develop the Marketing section of the website. What should you use? A. The machine.config file. B. The UserAgent string property. C. The Request.Browser.IsMobileDevice property. D. The browser definition file. Answer: D

QUESTION 149 You are designing an ASP.NET Web application that allows users to type a value in a text box. The application must function with JavaScript disabled. You need to design a method for using a Web service to validate the user-typed value before the form is processed. Which two actions should you recommend? (Each correct answer presents part of the solution. Choose two.) A. Use a CustomValidator control. B. Use a DynamicValidator control. C. Use an OnServerValidate method. D. Use a ClientValidationFunction method. Answer: AC

QUESTION 150 You plan to upgrade a medium-trust Web application from ASP.NET 2.0 to ASP.NET 4. The Web application is hosted on a Web server that is running IIS 7.0. You have the following requirements: - Support multiple permission sets in a single application domain. - Honor the machine-level code access security policy. You need to recommend an approach for preparing the Web application for the upgrade. What should you recommend? A. In the Web.config file, set the legacyCasModel attribute of the trust element to true. B. In the application pool settings, set the Load User Profile setting to True. C. In the application pool settings, set the Managed Pipeline Mode setting to Classic. D. In the Web.config file, set the processRequestInApplicationTrust attribute of the trust element to true. Answer: A

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