Microsoft

70-554-VB

UPGRADE-MCSD MS.NET Skills to MCPD Entpse App Dvlpr Pt2

QUESTION: 51
You are an enterprise application developer. You create an application that has three layers: Layer 1 contains the Microsoft Windows client and the input validation logic.Layer 2 contains business entities, business workflows, and business rules. Layer 3 contains the data access classes and stored procedures.You need to analyze the layers and identify dependencies that exist between these layers. Which two dependencies should you identify? (Each correct answer presents part of the solution. Choose two.)

A. Layer 1 depends on Layer 2.
B. Layer 3 depends on Layer 1.
C. Layer 2 depends on Layer 3.
D. Layer 1 depends on Layer 3.
E. Layer 2 depends on Layer 1.

Answer: A, C

QUESTION: 52
You are an enterprise application developer. You are creating an application that will deploy an on-demand training program. The training is a combination of documents and video files that the user can access from an internal server on the LAN. Users might access this application through their home computers when they are connected to the corporate network through a virtual private network (VPN). You need to design the video portion for the on-demand training program. You also need to ensure that users can view the videos without making modifications to their computer configuration. Which two actions should you perform? (Each correct answer presents part of the solution. Choose two.)

A. Create one file for all demonstrations.
B. Create a set of files that have different qualities for different connection speeds.
C. Create a set of files that have different formats for different players.
D. Create a set of files for the corporate office and one set for the branch offices.
E. Create a set of files for the VPN users.
F. Create a set of files that require license keys to protect the content.

Answer: B, C

QUESTION: 53

You are an enterprise application developer. You create a component that generates medical documents. Your component is used by multiple document management systems. Users generate documents throughout the entire day and most documents are generated during business hours. You notice that user load is increasing and performance is degrading. You need to identify sections of code on which to focus performance tuning efforts. Which two actions should you recommend? (Each correct answer presents part of the solution. Choose two.)

A. Analyze the resource usage for the objects created in the component.
B. Analyze the execution time for methods in the component.
C. Analyze the time periods of peak frequency of document creation.
D. Analyze which application users are generating the greatest number of documents.
E. Analyze which client applications are generating the greatest number of documents.

Answer: A, B

QUESTION: 54
You are an enterprise application developer. You are creating a component for a distributed application for your company. The application manages the users access to sensitive company data. The company data is stored in an NTFS file system. Each file has permissions defined for domain users in an access control list (ACL). The application must meet the following requirements in the same order of priority: Secure access to sensitive information based on the users credentials. Log authorization failures. You need to use an appropriate authorization mechanism for the application. You need to achieve this by using the least amount of development effort. What should you do?

A. Access files by using impersonation and the WindowsIdentity class.
B. Access files after comparing roles by using the WindowsIdentity class and the FileSecurity class.
C. Access files from a COM+ server package that is configured to run as the interactive user.
D. Host the component in an IIS server and specify authorization rules in a Web.config file.

Answer: A

QUESTION: 55
You are an enterprise application developer. You are creating the first version of an application to manage rich text documents. The application must meet the following design

requirements: Support the file system and a Microsoft SQL Server database as data stores. Ensure the following for future versions:
o Add support for additional data stores, including network storage.
o Acquire the ability to interface with third-party-distributed authoring and versioning tools. Bring additional storage options online without having to redeploy the entire application. You need to identify an appropriate approach to meet these requirements. Which approach should you choose?

A. Create a single Document component to represent the rich text content of a document and include methods on the component to persist and retrieve rich text for each type of data store.
B. Create a single Document component to represent the rich text content of a document and an enumeration to represent each available data store. Include a parameter of the enumerated type in methods interfacing with a data store.
C. Create a single Document component to represent the rich text content of a document and an enumeration to represent each available data store. Include a property on the Document component to permit the selection of a data store.
D. Create a Document component to represent the rich text content of a document. Create a DocumentRepository component to manage the various data stores.

Answer: D

QUESTION: 56
You are an enterprise application developer. You are creating a component that processes loan requests. Your component will be used inside Microsoft Windows Forms client applications. The loan request form is complex and time consuming to complete. Loan data is saved to a Microsoft SQL Server 2005 database. You need to ensure that in case of a system failure the loan officer does not need to re-enter any loan data. What should you do?

A. Implement a Private Save method that saves all Property values to the database. Call the Save method from inside your components finalizer.
B. Implement code inside the Set accessor for each Property that saves the Property value to the database.
C. Implement a Public Save method that saves all Property values to a Shared variable.
D. Implemenqt code inside the Set accessor that saves the Property value to a Shared variable.

Answer: B

QUESTION: 57
You are an enterprise application developer. You are creating a component to process geospatial data. The component retrieves large sets of data from a Microsoft SQL Server database. Each data point consists of two decimal values: one value represents longitude and the other value represents latitude. You need to design a data format that minimizes the managed heap memory allocation needed for each data point within the component. What should you do?

A. Design a custom class that contains Private fields for the longitude and the latitude, and design read-only Public properties for the longitude and the latitude.
B. Design an XML element that contains an attribute for each longitude value and each latitude value.
C. Design an ADO.NET DataRow class that contains DataColumns for the longitude and latitude values.
D. Design a custom Structure that contains a Public field for the longitude value and a Public field for the latitude value.

Answer: D

QUESTION: 58
You are an enterprise application developer. You are creating a component that will be deployed as part of a class library. The component must meet the following specifications: The interface of the component must be accessible to components outside the hosting assembly. The interface of the component must be interoperable with components written in any other .NET Framework languages. The implementation of the component cannot be expanded upon by a derived class. You need to design the interface of the component. Which three tasks should you perform? (Each correct answer presents part of the solution. Choose three.)

A. Apply the CLSCompliant(True) attribute to the assembly and component definition.
B. Apply the MustInherit keyword to the component definition.
C. Apply the ComVisible(True) attribute to the assembly and component definition.
D. Create a primary interop assembly for the assembly that hosts your component.
E. Apply the NotInheritable keyword to the component definition.
F. Apply the Public keyword to the component definition.

Answer: A, E, F

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