

Vendor: IBM

Exam Code: C2040-922

Exam Name: Developing IBM Lotus Domino 8.5.2

Applications: Advanced XPage Design

Version: Demo

QUESTION 1

Aaron has created an XPages application that has a couple of XPages to surface the same data to two different application roles in two completely different user interfaces. Each role can manipulate parts of the data, but in both cases, the data must adhere to the same business logic and rules. What would be the best way for Aaron to implement the same business logic in each XPage?

- A. Create a common Client-Side JavaScript Library for the XPages to share that the user interface can use to execute the business logic
- B. Use a series of Custom Controls to hold the business logic and share them amongst the XPages
- C. Create a common Server-Side JavaScript Library for the XPages to share that the user interface can use to execute the business logic
- D. The user interface and the business logic in an XPage can not easily be separated and must be maintained in each XPage

Correct Answer: C

QUESTION 2

John wishes to create a component that is capable of saving its state as the JSF component tree is being saved and restored. In order to do this, John\\'s component must implement which of the following interfaces:

- A. com.ibm.xpages.component.XPStateHolder
- B. javax.faces.component.StateHolder
- C. javax.faces.component.DataHolder
- D. javax.xpages.component.StateHolder

Correct Answer: B

QUESTION 3

Brandon wants to extend Dojo\\'s dijit.Dialog box to add some extra functionality. How would Brandon declare the new Dojo class?

- A. dijit.declare("brandons.Dialog", "dijit.Dialog", { // added functionality });
- B. dojo.declare("brandons.Dialog", "dijit.Dialog", { // added functionality });
- $C.\ dojo.declare("brandons.Dialog",\ dijit.Dialog,\ \{\ /\!/\ added\ functionality\ \});$
- D. dijit.declare("brandons.Dialog", dijit.Dialog, { // added functionality });

Correct Answer: C

QUESTION 4

Elizabeth needs to parse the contents of a web page held on a remote server into an applicationScope variable via the server side onclick event of a button using Server Side JavaScript. How would she do this?

A. It is not possible to perform network operations from Server Side JavaScript

- B. Create a new Java class to perform the operation in a Java Script Library and call it from the onclick event of the button.
- C. Create a new Java class to perform the operation in a Java Agent and call it from the onclick event of the button.
- D. Create a new Java class to perform the operation in the WebContent\WEB-INF\src folder via the Package Explorer and call it from the onclickevent of the button.

Correct Answer: D

QUESTION 5

Titus has created a JSON string that he will pass to the browser. What method could he use to convert the string to an object?

A. dijit,fromJson()

B. dojo.fromJson()

C. dojo.toJson()

D. dijit.toJson()

Correct Answer: B

QUESTION 6

Pat wishes to create a new XPages UI control which will take user input. At a MINIMUM which of the following does he need to do?

- A. Create a UI Component extension Java Class that extends UIInputComponent, create an xsp-config file to define the tag, create a Java Class which will serve as a renderer, in order to render the tag as HTML markup.
- B. Create a UI Component extension Java Class that extends UIInput, create an xsp-config file to define the tag, create a Java Class which will serve as a renderer, in order to render the tag as HTML markup.
- C. Create a custom control with an edit box and reuse the custom control within the XPages
- D. Create a UI Component extension Java Class that extends UIInputComponent, create an xsp-config file to define the tag, create a Java Class which will serve as a renderer, in order to render the tag as HTML markup. Then create a managed bean definition in faces-config.xml.

Correct Answer: B

QUESTION 7

Jane would like to specify a custom toolbar for the CK Editor in her Domino 8.5.2 application. How can she achieve this?

- A. Jane will need to edit the files in the domino\html\ckeditor subfolders of the data folder on her server.
- B. Jane can use the toolBar property of the Rich Text Field and set it accordingly.
- C. Jane can add a Dojo Attribute called "toolBar" and set it accordingly.
- D. There is no way to change the default toolbar of the CK Editor.

Correct Answer: C

QUESTION 8

Frank is attempting to add some functionality to an existing XPage: ?The XPage has a Date Time Picker edit box named "graduationDate" where users must enter their graduation date. ?Frank looks at the HTML source of the XPage and sees that the edit box has the HTML attribute: dojoType="ibm.xsp.widget.layout.DateTimeTextBoxContainer" ?Frank has added a combo box where users should choose their type of Job, from the options "Intern", "Graduate" or "Experienced". ?Frank wants to add an onchange listener to the combo box, that checks the value of the graduation date and gives a browser alert popup dialog like "Intern and Graduate positions only available in the first 2 years after graduation". ?Frank has looked at the HTML source of the XPage and sees that the Date Time Picker edit box has a dojoType attribute. Which of the following code snippets should Frank use to retrieve the graduation date before triggering the alert dialog:

- A. var graduationDate = getComponent("graduationDate").getValue();
- B. var graduationDate = XSP.getElementById("#{id:graduationDate}").value;
- C. var graduationDate = dojo.byld("#{id:graduationDate}").value;
- D. var graduationDate = dijit.byId("#{id:graduationDate}").getValue();

Correct Answer: D

QUESTION 9

Rick creates a Server-Side JavaScript library, and defines a few global variables at the beginning of the library. The JavaScript in his XPage and in the JavaScript library modify those global variables. The server the application runs on is heavily used, and the application settings are set to Keep Pages on Disk for best scalability. When the application executes, what is likely to happen?

- A. The application will perform as expected.
- B. The application will generate an error because you can not declare global Server-Side JavaScript variables
- C. The application will run, but the values of the globally defined variables may be lost when the server\\'s JVM garbage collects variables, causingunexpected results.
- D. The application will run, but every partial or full refresh will reset the values of the global variables when it reloads the Server-Side JavaScriptlibrary.

Correct Answer: C

QUESTION 10

Per wants to connect to a datasource using JDBC. What is the best way to do this?

A. Write a LotusScript or Java agent and call it from Client-Side JavaScript, as he would have done in traditional Domino web applications.

B. He must use a third-party tool like DECS or LEI.

C. The necessary JDBC drivers will come pre-installed with Domino. He just needs to write SSJS or Java to call the required methods.

D. He will need to download and install the relevant JDBC drivers and write SSJS or Java to call the required methods.

Correct Answer: D

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D. He will need to download and install the relevant JDBC drivers and write SSJS or Java to call the required methods.

Correct Answer: D

QUESTION 12

Liz must do a code review of a third party XPages application in order to optimize performance wherever possible. She has come up with a shortlist of things to do. Each of the following can be used to improve performance EXCEPT which one?

A. Using partial refresh wherever possible.

B. Replacing post-based requests with get-based requests wherever possible

C. Setting the dataCache property on Domino view data sources to "full" wherever possible

D. Using viewScope variables to manage application state wherever possible

Correct Answer: C

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