Vendor: Oracle

Exam Code: 1Z0-441

Exam Name: Oracle Mobile Development 2015 Essentials

Version: DEMO

QUESTION 1
Which use case describes why you should use the JSONBeanSerializationHelper class in MAF?

A. Use it as a Java interface to data objects so that they can be serialized to server-side REST services.
B. Use it to parse JSON results to Java data objects and collections.
C. Use it to validate JSON result strings for matching a specific data schema.
D. Use it as an adapter class to access the REST-JSON data control from JAVA (for example, from managed beans).

Answer: B
Explanation:
http://docs.oracle.com/middleware/mobile200/mobile/develop-oepe/oepe-maf-data-controls.htm(7.9.1)

QUESTION 2
Your customer requires that a MAF application must have a feature to return the user's current location on a map via the geolocation services. However, you are aware that it is not always possible to guarantee return of the user's current location in a mobile application.
Which are two valid reasons that the geolocation services may not be available to your application?

A. Not all devices have GPS services.
B. The user may disable the application's privileges to access the GPS.
C. MAF does not support accessing the GPS services on iOS.
D. The GPS cannot be accessed if the device does not have a network connection.

Answer: AB

QUESTION 3
Service mediation is defined as a(n) _____.

A. architecture that mediates between the service consumers and one or more service providers in a manner that loosely couples location, interface, data, and security
B. technique that loosely couples programming languages
C. methodology for mediating between interfaces and concrete instances
D. product that automatically provides for abstraction between service consumers and service providers

Answer: B
Explanation:
https://blogs.oracle.com/jeffdavies/entry/the_myth_of_right_1

QUESTION 4
When using MAF's integrated device services for taking pictures, the getPicture API includes a quality parameter with values from 0 to 100. Which option must you be careful about if you are setting quality to 100?

A. Only PNG-encoded images support aqualityof 100.
B. You cannot constrain the image width and height whenqualityis set to 100.

C. Though 100 is an acceptedqualityvalue in MAF, this will be ignored on Android devices.
D. When taking the picture, some iOS devices may run out of memory.

Answer: B

QUESTION 5
Which two limitations apply to the REST web services data control?

A. REST web service data controls can be used only with REST services that do not require authentication.
B. REST web service data controls support only XMLpayloads.
C. REST web service data controls support only UTF-8 character encoding.
D. The REST web service data control wizard does not perform changes on existing REST data controls. If the requirement is to change an existing data control configuration, then the existing data control must be deleted before running the REST service data control.

Answer: CD
Explanation:
The REST web service adapter only supports UTF-8 character set on mobile applications.
UTF-8 is embedded in the adapter program.
http://docs.oracle.com/middleware/mobile200/mobile/develop/maf-web-services.htm

QUESTION 6
In your MAF design, you have defined a "checkout" feature based on a task flow where customers place items into their shopping basket and, at the end of task flow, either purchase the items in the shopping cart or cancel the order. The items in the shopping cart are persisted in a managed bean.
Which single bean scope is the right option for the shopping cart managed bean?

A. applicationScope
B. backingBeanScope
C. pageFlowScope
D. requestScope
E. sessionScope
F. viewScope

Answer: C
Explanation:
Mobile Application Framework variables and managed bean references are defined within different object scopes that determine the variable's lifetime and visibility. MAF supports the following scopes, listed in order of decreasing visibility:
Object scopes are analogous to global and local variable scopes in programming languages. The wider the scope, the higher the availability of an object. During their lifespan, these objects may expose certain interfaces, hold information, or pass variables and parameters to other objects. For example, a managed bean defined in application scope will be available for use during multiple page requests for the duration of the application. However, a managed bean defined in view scope will be available only for the duration of one page request within a feature.

QUESTION 7
Which two capabilities determine your decision to select either a native or a hybrid architecture over a web mobile architecture?

A. supporting a variety of input components such as sliders, checkbox, and date-selection components
B. supporting push events through the Apple or Google push servers
C. leveraging the full device features (such as camera and files)
D. accessing secure REST backends
E. skinning of the user interface

Answer: AC

QUESTION 8
The content of a collection, exposed by JavaBean data control, is changed programmatically by adding a new object to the collection through Java in response to a command button action. Which event do you need to raise at the end of the Java call to ensure that the user interface is refreshed to display the changes applied from Java?

A. oracle.adfmf.java.beans.PropertyChangeSupport propertyChangeSupport =...
   ...
   propertyChangeSupport.firePropertyChange("arrayName", oldValue, newValue);
B. oracle.adfmf.framework.api.AdfmfJavaUtilities.flushDataChangeEvent();
C. oracle.adfmf.java.beans.ProviderChangeSupport providerChangeSupport =...
   ...
   providerChangeSupport.fireProviderCreate("arrayName", newObjectId,newObject);
D. There is no need to raise an event from Java because the framework will automatically take care of propagatingthe change to the UI.

Answer: A

QUESTION 9
A service developer is creating a service that will be used by mobile clients. Which piece of advice should the developer consider while designing it?

A. Design for next generation interfaces to ensure that their services will not need to change in the future.
B. Carefully choose the implementation language and the monitoring capabilities.
C. Consider the interface types, payloads types, and security approaches which are easily consumed by mobile devices.
D. Create services that are arcane in nature to enhance the security of the services.

Answer: C

QUESTION 10
Identify two use cases that require Java access to a SOAP data control.

A. client-side caching of data queried from a SOAP service
B. exposing SOAP header information for edit
C. adding web service security
D. mapping a SAOP payload to a custom data object structure on the client side.

Answer: AD

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