

Exam Number/Code:C2040-927

Exam Name:Developing Portlets and
Web Applications with IBM Web
Experience Factory 8.0

Version: Demo

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QUESTION NO: 1

Tim has a web application that accesses a database through a provider model containing SQL Call builders. He thinks there might be a performance problem with one or more of the database calls. How can he get IBM Web Experience Factory to log detailed performance information about all aspects of the database access?

- A. He needs to use a SQL Override builder. This builder provides several fields that enable detailed logging of performance information for database access.
- B. He must enable DEBUG-level database performance tracing in the Log4J properties file and redeploy the WAR file.
- C. He must enable the Log Server Stats input in each SQL Call builder.
- D. No changes are required. Web Experience Factory automatically logs performance statistics for all executed actions, such as database access calls.

Answer: C

QUESTION NO: 2

Jane wants to debug the Java code in one or more of the Method builders in her model. How can she leverage the Eclipse Java debugger to do so?

- A. She must purchase full rights to the IBM Web Experience Factory source to debug generated Java.
- B. This feature is not yet supported.
- C. Right-click a method in the Application Tree view to set/toggle a breakpoint. Start the application server in debug mode and run the model with a remote Java debug configuration, as documented in the Web Experience Factory help.
- D. System.out.println is the only way to debug Java associated with Method builders.

Answer: C

QUESTION NO: 3

Sean wants to trace the value of a variable as a model he is running to help track down a problem somewhere in a computation later in the model. How can he trace the value of the variable?

- A. Use the enable Debug Tracing field on the Variable builder.
- B. Add an entry to the log4j.properties file indicating the model and action to trace.
- C. Inspect the logging.properties file for variable values because all changes are reflected in this file at run time.
- D. Add a Debug Tracing builder to the model specifying whether to trace all actions or naming a specific action to trace.

Answer: D

QUESTION NO: 4

Dave wants to see information about web service parameters, URL endpoint, and SOAP envelope. What must he do to obtain this data for a particular Web Service Call builder?

- A. There is no way for him to get this information other than contacting customer support.
- B. He must use a Java debugger to get this information.
- C. He must set the Logging field to All in the Web Service builder to log this information to the WEB-INF/logs/debugTracing.txt file.
- D. This information is always printed to the standard output console log without any developer intervention required.

Answer: C

QUESTION NO: 5

Which of the following is the ideal development configuration for building and testing portlets?

- A. No publish is necessary. It all runs out of the project.
- B. Manually publish the portlet WAR file and let the designer discover its location.
- C. Publish the project two times, once to an application server, and once to an IBM WebSphere Portal server for development and testing.
- D. Publish the application once to a WebSphere Portal server. IBM Web Experience Factory development applications run stand-alone and as portlets with one configuration.

Answer: D

QUESTION NO: 6

Gloria has developed a simple web application using IBM Web Experience Factory. Because her company has not completed its deployment of IBM WebSphere Portal server, how can she deploy the application?

- A. She can deploy the application on any HTTP server with Web Experience Factory core run times.
- B. She can run the application in an embedded test environment, but not deploy it to users.
- C. She can deploy the application as a WSRP application and consume it from another, non-WebSphere Portal environment.

D. She can deploy the application as a stand-alone application on IBM WebSphere Application Server, IBM WebSphere Application Server Community Edition, or Tomcat for development testing.

Answer: D

QUESTION NO: 7

Tom has installed IBM WebSphere Portal to use as his development server. He would like to publish an existing project to the new server to test his portlets. What type of Server Configuration should he select for his server?

- A. IBM WebSphere Portal Server
- B. IBM WebSphere Application Server
- C. IBM WebSphere Application Server and IBM WebSphere Portal Server
- D. Pick the first one in the list and the software automatically determines the correct server type.

Answer: C

QUESTION NO: 8

Jerald has created a web application project and included the Tutorials and Samples Building Models feature set. Now after working with the project, he would like to extend his application to include data from a Microsoft Excel or IBM Symphony spreadsheet. What steps should he take to include this new data, which might change over time?

- A. Convert the Excel or Symphony file to HTML and include it as a page in the project.
- B. Add a new imported file feature set using the right-click menu from the project.
- C. Export the data to a comma-separated value (CSV) format and import it into a supported native data source.
- D. Add the spreadsheet extension feature set by right-clicking the project and selecting IBM Web Experience Factory / Feature Info.

Answer: D

QUESTION NO: 9

Paul has been working on a project that is being deployed in two different versions of IBM WebSphere Portal at his company. As a result, he needs to be able to test his code with both runtimes. How does he switch from one runtime to another?

- A. Right-click on the module in the Project Explorer view and click Properties > Project Facets.

The Project Facets page opens. Select the Runtimes tab. Under the Runtimes table, select the target servers for the module.

- B. Open the .bowstreet file for the project and modify the runtimes element to include the new WebSphere Portal version.
- C. Open web.xml and add a new runtime element under server runtime for the new WebSphere Portal version.
- D. Create a new server configuration for the project and assign it as the default for the project.

Answer: A

QUESTION NO: 10

Martin wants to see all WebApp artifacts in the Application Tree view, including those hidden by default. How can Martin see those hidden artifacts?

- A. Hidden objects cannot be seen by developers in the current release of IBM Web Experience Factory.
- B. Hidden objects can be enabled in the Web Experience Factory Preferences window.
- C. Hidden objects can only be seen by examining the deployed portlet WAR file system.
- D. There are no hidden objects created by Web Experience Factory. All builder-generated objects are always visible in Web Experience Factory Designer by default.

Answer: B