

BCP-810

BCP-810
Developing Applications for the BlackBerry
Solution

Version 3.5

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Topic 1, Volume A

QUESTION NO: 1

Application X must receive push updates from a public server every morning. The application must display a notification to the BlackBerry device user when the new update is received. Which two of the following application approaches will support these requirements? (Choose two.)

- A. Web application with BlackBerry Internet Service browsing
- B. BlackBerry Widget with BlackBerry Internet Service Push APIs
- C. BlackBerry Widget with BlackBerry Enterprise Server Push APIs
- D. BlackBerry Java application with BlackBerry Internet Service Push APIs
- E. BlackBerry Java application with BlackBerry Internet Service browsing

Answer: B,D

QUESTION NO: 2

Application X must track field service agents, report their locations back to the intranet application server, and push alerts for new jobs during the day. Given the scenario, which three of the following components are required for application X to function properly? (Choose three.)

- A. BlackBerry Enterprise Server
- B. BlackBerry Internet Service
- C. A GPS enabled BlackBerry device
- D. BlackBerry Internet Service Push APIs
- E. BlackBerry Mobile Data System Connection Service

Answer: A,C,E

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QUESTION NO: 3

Which three of the following debugging features are supported in BlackBerry IDEs? (Choose three.)

- A. Get a variable valueGet a variable? value
- B. Change a variable valueChange a variable? value
- C. Hot code replacement
- D. Arbitrary code execution
- E. Creating new types

Answer: A,B,D

QUESTION NO: 4

A developer wants to distribute an application OTA using the BlackBerry Browser. Which application file that provides information about the application needs to be placed on a web server? (Choose one.)

- A. JAD
- B. ALX
- C. COD
- D. JAR
- E. JDE

Answer: A

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QUESTION NO: 5

What would cause a signed application to become unsigned? (Choose one.)

- A. The application is re-compiled
- B. The signature expires
- C. The application is installed too many times
- D. The evoke Key button of the Signature Tool is pressed
- E. The JAD and ALX files are deleted

Answer: A

QUESTION NO: 6

What are two ways to create an application UI that is consistent with the native BlackBerry UI? (Choose two.)

- A. Provide context-specific action menus on each page
- B. Make use of the banner to present interactive information
- C. Inherit default behaviors by using or extending existing UI components
- D. Use BlackBerry UI construction tool to build the new UI from an existing template
- E. Specify the font for the application screens

Answer: A,C

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QUESTION NO: 7

A BlackBerry device application collects data and needs to merge it with data on a server before pushing out an updated summary page. Which of the following collection of tools would be most appropriate for testing this application? (Choose one.)

- A. A BlackBerry MDS-CS Simulator and a real BlackBerry device
- B. A database server, a proxy, and a real BlackBerry device
- C. A BlackBerry ESS Simulator and a real BlackBerry device
- D. A web server and a BlackBerry Device Simulator
- E. A BlackBerry MDS-CS Simulator and a BlackBerry Device Simulator

Answer: E

QUESTION NO: 8

Which two of the following simulators should be used to simulate the interaction between a web application on a BlackBerry device and a web server that is behind a corporate firewall? (Choose two.)

- A. BlackBerry Firewall Simulator
- B. BlackBerry Screen Simulator
- C. BlackBerry Device Simulator
- D. BlackBerry MDS-CS Simulator
- E. BlackBerry ESS Simulator

Answer: C,D

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QUESTION NO: 9

Which method does RIM recommend for managing multiple screen displays within a BlackBerry device application? (Choose one.)

- A. Organize the screens into a tabbed panel
- B. Push full sized screens to the top of a stack
- C. Generate pop-up screens as required
- D. Use re-sizable screens that can be collapsed and restored
- E. Use a mixture of transparent and opaque screens

Answer: B

QUESTION NO: 10

Which tool should be used to facilitate application test cases by simulating BlackBerry device user interaction with the BlackBerry Device Simulator? (Choose one.)

- A. BlackBerry MDS-CS Simulator
- B. Javaloader
- C. Controller Command
- D. ESS
- E. BlackBerry Desktop Manager

Answer: C

QUESTION NO: 11

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A technician needs a field service application that will support receipt of work orders and determine a customer location. What are two advantages of using a Java application over a web application in this situation? (Choose two.)

- A. Java applications can access a server application over the intranet
- B. Java applications run consistently faster than web applications
- C. Java applications can display a BlackBerry Maps Field within the application
- D. Java applications require a local client
- E. Java applications can operate while out of coverage

Answer: C,E

QUESTION NO: 12

Which file type may be signed using the RIM Signature Tool and Code Signing Keys? (Choose one.)

- A. COD
- B. JAR
- C. EXE
- D. JAD
- E. ALX

Answer: A

QUESTION NO: 13

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If an application is built using BlackBerry JDE version 4.6, on which of the following BlackBerry Device Software versions can the application be executed? (Choose one.)

- A. Any BlackBerry Device Software version
- B. BlackBerry Device Software 4.6 and below
- C. Only BlackBerry Device Software 4.6
- D. BlackBerry Device Software 4.6 and above
- E. All versions above BlackBerry Device Software 4.6

Answer: D

QUESTION NO: 14

Which two of the following mechanisms are available to toggle content protection on the BlackBerry device? (Choose two.)

- A. IT policy
- B. API call
- C. BlackBerry Device setting
- D. Desktop Manager setting
- E. Application control

Answer: A,C

QUESTION NO: 15

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In order to write a BlackBerry device application that uses a complex custom user interface, which two of the following IDEs could be used? (Choose two.)

- A. BlackBerry Plug-in for Visual Studio
- B. BlackBerry Java Development Environment
- C. BlackBerry JDE Plug-in for Eclipse
- D. BlackBerry Web Development Plug-in for Eclipse
- E. BlackBerry Web Development Plug-in for Visual Studio

Answer: B,C

QUESTION NO: 16

Which of the following can receive PIN messages? (Choose one.)

- A. BlackBerry devices with BlackBerry Messenger
- B. Any cellular phone
- C. BlackBerry Enterprise Server
- D. BlackBerry Internet Service
- E. Any BlackBerry device

Answer: E

QUESTION NO: 17 DRAG DROP

Click the Task button to open this item. Once you have completed this item and have selected Done, you may click Next to proceed to the next item.

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The left column contains a list of application requirements. The right column contains a list of constraints that should be considered when designing a mobile application. Match the application requirements with the appropriate constraint. Drag two requirements onto each constraint.

Done

An application constantly monitors BlackBerry device location using autonomous GPS	Limited persistent storage	place here
An application records many images captured from the camera		place here
An application connects to a server application every hour	Battery life	place here
A game makes use of pre-rendered image files		place here
A mapping application keeps the screen on to display directions to the user	Screen size	place here
An application allows a BlackBerry device user to view a sales order, which may contain hundreds of ordered items		place here
An application accesses an online multimedia stream	Inconsistent network coverage	place here
An application stores more than 10,000 sales records		place here

Answer:

QUESTION NO: 18

Which of the following situations could interrupt a wireless network data connection on a BlackBerry device? (Choose one.)

- A. A Wi-Fi connection is established
- B. Removable media is removed
- C. A Bluetooth connection is established
- D. A GPS radio is activated
- E. A phone call is initiated or received