



C2040-911^{Q&As}

IBM WebSphere Portal 8.0 Solution Development

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QUESTION 1

Corrie needs to create several iWidgets that will interact with each other. She is evaluating the mechanisms that she can use to share state information between the iWidgets. Which one of the following options is the best way to accomplish this?

- A. Use the JSR 286 defined event and payload mechanism.
- B. Store state information in the user's session.
- C. Implement public render parameters.
- D. Declare the state sharable in the ItemSet definition and register listeners in the individual iWidgets to be informed when shared state changes.

Correct Answer: D

QUESTION 2

Usha has developed a JSR 286 compliant portlet. She wants to use it on a WSRP producer so that it can be consumed by a remote IBM WebSphere Portal server. What changes if any should be made?

- A. She must set the enable WSRP portlet initialization parameter to true in the portlet.xml file.
- B. She should change her portlet class to implement ServiceDescription and Markup interface.
- C. She does not have to make any changes.
- D. She should change her portlet class to implement ServiceDescription, Markup, Registration and PortletManagement interface.

Correct Answer: C

QUESTION 3

Which of the following options describes the rules created by selecting the Select Action rule type when creating a personalization rule?

- A. Select Action rules allow pages and portlets to be hidden based on conditions expressed in the rule.
- B. Select Action rules return items of content from a resource collection based on conditions expressed in the rule.
- C. Select Action rules return actions for a portlet based on conditions expressed in the rule.
- D. Select Action rules send a personalized email to a set of users that is defined by another rule.

Correct Answer: B

QUESTION 4



Hershel wants to programmatically check if specific users have access to his company's new portlet application, in order to show a message in another portlet asking them to purchase a subscription. He is trying to do so with the least amount of performance overhead. What would be the best way for Hershel to accomplish this?

- A. He should use the `com.ibm.portal.ac.RoleData` interface to verify explicit role assignments.
- B. He should use the `com.ibm.portal.ac.UserRoles` interface to verify explicit role assignments.
- C. He should read role assignments using the `com.ibm.portal.ac.RoleData` interface and ensure portlet caching is enabled.
- D. He should use `AccessControlRuntimeModel` or `AccessControlGlobalRuntimeModel` to verify explicit role assignments.

Correct Answer: D

QUESTION 5

When creating and registering a custom portlet service, it is possible to set initialization parameters. What code would Adrienne use to access a parameter with the name `sample.portletservice.HelloServiceImpl2.message`?

- A.

```
public void init(Preferences servicePreferences) { String message = servicePreferences.get("message", "Hello"); }
```
- B.

```
public void sayHello(RenderRequest request, RenderResponse response) { String message = request.getAttribute("message"); }
```
- C.

```
public void init(Preferences servicePreferences) { String message = servicePreferences.getInitParam("message", "Hello"); }
```
- D.

```
public void sayHello(RenderRequest request, RenderResponse response) { String message = request.getParameter("message"); }
```

Correct Answer: A

QUESTION 6

Stella is developing a CSS sub-contribution component for her custom module. Which of the following statements is incorrect regarding CSS sub-contribution types?

- A. CSS sub-contributions are only valid under a head contribution type.
- B. The URL referenced in CSS sub-contribution must return valid CSS syntax.
- C. CSS sub-contributions are valid under both head and config contribution types.
- D. When debug is enabled, separate link elements are generated for each CSS URL.

Correct Answer: C

QUESTION 7



PreferencePortlet is Portlet Specification 2.0-compliant and the system is running IBM WebSphere Portal 8.0.

What is the output of the following code?

```
public PreferencePortlet extends GenericPortlet{ protected void processAction(ActionRequest actionRequest,
ActionResponse){ actionRequest.getPreferences().setValue("test", "ViewModePreferenceValue");
actionRequest.getPreferences ().store(); } protected void doView(RenderRequest renderRequest, RenderResponse
renderResponse) throws PortletException, IOException { // Generate action URL }
```

- A. The container throws java.lang.IllegalStateException because it is not allowed to change preferences in the processAction() method.
- B. The code compiles and executes fine. It stores a "test" preference at the end of the processAction() method call.
- C. The container throws javax.portlet.ReadOnlyException because it is only allowed to view preferences in the processAction() method.
- D. This code results in a compiler error because PortletPreference does not have the store() method.

Correct Answer: B

QUESTION 8

Ted is developing a module that will provide content to the Markup sub-contribution type. This Markup sub-contribution will contain some inline JavaScript. What will happen if Ted makes this module deferred rather than non-deferred?

- A. The script code inside the markup will not be evaluated and run when the deferred module is loaded.
- B. The script code inside the markup will be evaluated and run. However, it will throw an exception since its being loaded from a different domain.
- C. The script code inside the markup will be evaluated and run without error when the deferred module is loaded.
- D. The server-side combiner framework will not allow JavaScript inside of the Markup contribution type.

Correct Answer: A

QUESTION 9

The following is an extract of a theme module's plugin.xml file:



```
<extension point="corr.ibm.portal.resourceaggregator.module" id="SAMTCAM93" >
  <module id="SAMTCAM93" version="1.0" >
    <prereq id="testModuleA" />
    <capability id="expendable" value="2.0.0"/>
    <contribution type="head">
      <sub-contribution type="css">
        <uri value="res:/DemoMan/css/hello_SP.css" />
      </sub-contribution>
      <sub-contribution type="js">
        <uri value="res:/DemoMan/js/hello_JS_head.js" />
        <uri type="debug" value="res:/DemoMan/js/hello_JS_head.js.uncompressed.js" />
      </sub-contribution>
      <sub-contribution type="markup">
        <uri value="res:/DemoMan/html/helloWorld_read.html" />
      </sub-contribution>
    </contribution>
    <contribution type="menu">
      <sub-contribution type="json">
        <uri value="res:/DemoMan/json/phfb.json" />
      </sub-contribution>
    </contribution>
  </module>
</extension>
```

Based on the above extract, which of the following statements is false?

- A. The module is inactive and needs to be activated with the tag.
- B. Defining a CSS file, menu contribution, or module capability are all optional.
- C. A user can declare an alternative debug js file in the same tag as a js file.
- D. The ID field of the tag can contain letters and digits as long as the combined field value is unique.

Correct Answer: A

QUESTION 10

The portlet.xml file for SamplePortlet looks like this:



```
<portlet>
  <portlet-name>CertTargetPortlet</portlet-name>
  <display-name>CertTargetPortlet</display-name>
  <portlet-class>com.cisco.certtrialportlet.CertTargetPortlet</portlet-class>
  <supports>
    <mime-type>text/html</mime-type>
    <portlet-mode>view</portlet-mode>
  </supports>
  <portlet-info>
    <title>CertTargetPortlet</title>
    <short-title>CertTargetPortlet</short-title>
    <keywords>CertTargetPortlet</keywords>
  </portlet-info>
</portlet>
```

Inside the CertTargetPortlet.java class the doView() method is implemented like this:

```
public void doView(RenderRequest request, RenderResponse response) throws PortletException, IOException {
    ResourceBundle rs = getPortletConfig().getResourceBundle(new Locale("en"));
    System.out.println(rs.getString("javax.portlet.title"));
}
```

Assuming that no modifications have been made to the properties bundle, what would be written into SystemOut.log?

- A. java.util.MissingResourceException: Can't find resource for bundle
- B. java.lang.NullPointerException
- C. Null
- D. CertTargetPortlet

Correct Answer: D

QUESTION 11

A medical equipment manufacturer would like to use a JSR 286 portlet available on a separate corporate portal. What must be done on the consumer portal using the IBM WebSphere Portal administration interface to integrate this portlet with WSRP 2.0?

- A. Create a producer definition and consume the portlet as a WSRP service.
- B. Enable WSRP 2.0, create a producer definition and a portlet proxy.
- C. Enable WSRP 2.0 and create a portlet proxy.
- D. Create a producer definition and a web service.

Correct Answer: A

QUESTION 12

Which of the following is a false statement about limitations for a WSRP producer portlet?



- A. WSRP producer portlets cannot use PUMA SPI for accessing user information.
- B. WSRP producer portlets cannot access portlet render parameters.
- C. WSRP producer portlets cannot use IBM WebSphere Portal internals in portlets such as engine objects or engine tags.
- D. WSRP producer portlets do not support edit_defaults_compatibility portlet mode.

Correct Answer: B

QUESTION 13

Which one of the following statements is valid regarding credential objects?

- A. Credential objects are serializable.
- B. To create a slot for storing active credentials, set the active parameter of the CredentialVaultService.createSlot method to true.
- C. Passive credential objects hide the credential's secret from the portlet.
- D. Portlets that use active credential objects need to extract the secret from the credential to authenticate with the backend.

Correct Answer: B

QUESTION 14

Evan wants to develop a portlet to act as a target using click-to-action. He wants to develop a client-side click-to-action handler. Which best describes the ways that he can get the source data submitted by the source portlet?

- A. He can retrieve the source form and the input inside from the page Document Object Model.
- B. He can retrieve the source data from the window.ibm.portal.c2a.event.value global variable.
- C. Either of the above.
- D. None of the above.

Correct Answer: C

QUESTION 15

Mr. Mosby is developing several different custom themes for the different brands his company offers. He's developed a custom theme WAR that provides the JSPs to be shared among the different themes. He has a JSP named brandNav.jsp and created a brandNav dynamic content spot that points to this JSP. However, for one particular theme he needs to use a different brandNav.jsp. Which one of the following is not a valid option?

- A. Create an override in the themes metadata:key=com.ibm.portal.theme.brandNav value="res:/CustomThemeContext/themes/html/MyTheme/custombrandNav.jsp"



B. Modify the theme_xx.html so that the html directly points to the new JSP:

C. Create a new Dynamic Content Spot pointing to the customBrandNav.jsp. Then modify the theme_xx.html to use this new dynamic content spot.

D. Include the new JSP directly in the theme_xx.html and bypass the dynamic content spot mapping:

Correct Answer: D

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