

C2040-911^{Q&As}

IBM WebSphere Portal 8.0 Solution Development

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QUESTION 1

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 2

Which of the following statements regarding the Controller model is false?

- A. A developer must commit the controller to persist the modifications.
- B. A developer can only modify one resource per controller before committing the modifications.
- C. The Controller model enhances the read-only portal model SPI by adding writable aspects.
- D. The Content Model Controller allows a developer to modify the content topology and the properties of content nodes, such as pages, labels, and content URLs.

Correct Answer: B

QUESTION 3

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 4

The XYZ company has a custom portlet that provides access to data from the company's mainframe. Twice a day, the mainframe performs a batch process to update the data. During the batch process, the portlet cannot access the data. Which one of the following options allows Sara to hide the portlet during the batch processing times?

- A. Use the Policy editor to create a portlet availability policy, then use the Page Layout editor to assign the policy to the portlet.
- B. Use the Policy editor to create a portlet availability policy and to assign the policy to the portlet.
- C. Use the Personalization editor to create a portlet visibility rule, then use the Page Layout editor to assign the rule to the portlet.
- D. Use the Personalization editor to create a portlet visibility rule and to assign the rule to the portlet.

Correct Answer: C

QUESTION 5

On an ongoing basis, Ken wants to track status messages from an application that he is writing. Which one of the following options should he use as a best practice to make the status messages available?

- A. He should write messages to SystemOut.log since it is the easiest to implement.
- B. He should write them to SystemError.log since they are status messages and could be considered errors.
- C. He should use the standard Java logger at an "info" level since "info" is the default trace level for IBM WebSphere Portal server.
- D. He should use the standard Java logger at an "error" level since they are status messages and could be considered errors.

Correct Answer: C

QUESTION 6

If Lola needs to create a resource collection, which of the following options must she define?

- A. An instance of the following:
-com.ibm.websphere.personalization.ResourceCollection
- B. An instance of either of the following:
-com.ibm.websphere.resources.ResourceCollectionImpl
-com.ibm.websphere.resources.ResourceManager
- C. An instance of one of the following:
-com.ibm.websphere.personalization.resources.Resource

-com.ibm.websphere.personalization.resources.ResourceManager3

-com.ibm.websphere.personalization.resources.ResourceDomain3

-com.ibm.websphere.personalization.resources.AuthIDTranslator

D. An instance of either of the following:

-com.ibm.websphere.personalization.ResourceCollectionImpl

-com.ibm.websphere.resources.ResourceManager

Correct Answer: C

QUESTION 7

John wants to troubleshoot a problem related to IBM WebSphere Portal engine startup. Which tool can he use to enable trace for "com.ibm.wps.engine" package, so that it will persist across server startup?

A. Enable Tracing portlet

B. Use the Configuration tab on the Change Log Detail Levels section in the IBM WebSphere Integrated Solutions console.

C. Use XMLAccess Script

D. None of the above

Correct Answer: B

QUESTION 8

MegaCorp is working on integrating one of their applications existing in non-IBM WebSphere Portal environments into WebSphere Portal. Which of the following options should they use for this purpose?

A. WebClipping Portlet International Edition

B. IntegrationPortlet

C. WebClipping Portlet

D. IntegrationPortlet_jsEnabled

Correct Answer: C

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/phtb.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

Emery is trying to make it so users from a specific geographic location do not have access to a specific metrics application hosted on their IBM WebSphere Portal server. Which of the following options is provided within WebSphere Portal that Emery can use to this purpose?

- A. Emery can use the call to ensure the portlet is hidden for the geography to block.
- B. Emery can use Personalization Rules to hide the portlet, leveraging information in the user repository regarding the user's geographic location.
- C. Emery's users must register as being from a specific geography and Emery can develop workflow methods leveraging the PortalUserIdentityBean (or PUIB) object to ensure the portlet does not generate markup for the user in this geography.
- D. None of the above. Emery is going to need to create a page and assign metadata parameters to hide the specific

portlet from users from geographies that are not allowed to see it.

Correct Answer: B

QUESTION 11

Quinn is creating a module that adds a customized Dojo lightbox for a disclaimer to overlay the screen as soon as the page loads using `dojo.addOnLoad`. She has already created `myLightBox.css` and intends to write the JavaScript event triggering the lightbox inline. What must Quinn do to ensure she gets the desired functionality at minimal performance cost?

- A. Quinn should add all this code right after the `theme`'s tag to ensure the functionality happens as soon as the body markup is loading.
- B. Quinn must add the tag pointing to `myLightBox.css` into the block. The JavaScript can be added anywhere therein as long as the page uses the nondeferred profile and the event is added to the event handler.
- C. Quinn must create a CSS sub-contribution type in her module pointing to `myLightBox.css`. The JavaScript can be added anywhere therein as long as the page uses the default deferred profile and the event is added to the event handler.
- D. Quinn should really write all CSS and JavaScript inline for performance reasons so secondary requests to the server are never made.

Correct Answer: C

QUESTION 12

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 13

The following section of a portlet deployment descriptor defines the cache setting for a portlet:

```
300 private
```

What is the meaning of this cache definition?

- A. The content should be cached for 300 seconds and must not be shared across users.
- B. The content should be cached for 300 milliseconds and must not be shared across users.
- C. The content should be cached for 300 seconds and can be shared across users.
- D. The content should be cached for 300 milliseconds and can be shared across users.

Correct Answer: A

QUESTION 14

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 15

The following code sample is an excerpt from an implementation of a custom ExplicitLoginFilter.

```
1 public void login(HttpServletRequest req, HttpServletResponse resp, String userID, char[]
2 password, FilterChainContext portalLoginContext, Subject subject, String realm,
3 ExplicitLoginFilterChain chain) throws Exception {
4
5     chain.login(req, resp, userID, password, portalLoginContext, subject, realm);
6
7     String myjndiname = UserAgreementService.JNDI_NAME,
8     UserAgreementService mySrv =
9         (UserAgreementService) ctx.lookup(myjndiname);
10    if( mySrv.checkUser(userID) ) {
11        // send user to license agreement page
12    }
13 }
```

Evan needs to implement custom logic to check whether the user needs to accept an updated user agreement. Which one of the following lines of code allows the user to be sent the friendly IBM WebSphere Portal URL `\\acceptAgreement,\\` if the `checkUser` method returns true?

- A. `resp.sendRedirect("/wps/myportal/acceptAgreement");`
- B. `portalLoginContext.sendRedirect("/wps/myportal/acceptAgreement");`
- C. `RequestDispatcher rd = req.getRequestDispatcher("/wps/myportal/acceptAgreement"); rd.forward(req, resp);`
- D. `RequestDispatcher rd = req.getRequestDispatcher("/wps/myportal/acceptAgreement"); rd.include(req, resp);`

Correct Answer: B