

DUMPS ARENA

Adobe Experience Manager Developer

Adobe AD0-E103

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QUESTION NO: 1

A developer has a component located under the path /apps. This component has a Client Library which is directly loaded onto a page. The publish instance loads the page correctly. The dispatcher also loads the page but the Client Library is missing.

How should the developer resolve this issue, while taking security into consideration?

- A. Change the ACLs for the Client Library.
- B. Move the Client Library under /apps/library.
- C. Add the property allowProxy with a boolean value true.
- D. Allow the path to the clientlibs on the dispatcher.

ANSWER: C**QUESTION NO: 2**

A developer needs to implement a functionality that requires creating a Custom Workflow Step.

Which two steps should the developer take to start developing the custom behavior? (Choose two)

- A. Implement a Java class extending from class `com.adobe.granite.workflow.exec.WorkflowProcess`
- B. Create a Workflow component node of the Super Resource Type "`cq/workflow/components/model/process`" under the folder `/apps/components`
- C. Create a Workflow component node of the Super Resource Type "`cq/workflow/components/step`" under the folder `/etc/workflow/models`
- D. Implement a Java class with this method "`public void process (WorkItem item, WorkflowSession wfsession) throws WorkflowException`"
- E. Implement a Java class implementing the interface `com.adobe.granite.workflow.exec.WorkflowProcess`

ANSWER: B E**QUESTION NO: 3**

A custom AEM application is using the PageManager API.

What should a developer add to make the application compile and run correctly in AEM?

- A. a maven dependency to AEM uber-jar to the content package
- B. a maven dependency to bundle cq-wcm-core to the application bundle
- C. a maven dependency to AEM uber-jar to the application bundle
- D. a maven dependency to bundle cq-wcm-api to the content package

ANSWER: C

QUESTION NO: 4

A custom bundle of an application is in state "Installed" after deploying it with Maven.

What should a developer do to change it to state "Active"?

- A. Use the "Start" action for the bundle in the Apache Felix Web Console
- B. Ensure all OSGi requirements are met and re-deploy using Maven
- C. Use the "Update" action for the bundle in the Apache Felix Web Console
- D. Reinstall the content package using the package manager

ANSWER: B

QUESTION NO: 5

A developer is working on a complex project with multiple bundles. One bundle provides an OSGi service for other bundles.

Which two options are necessary to ensure that the other bundles can reference that OSGi service? (Choose two.)

- A. The bundles consuming the service need to import the fully qualified name of the service interface.
- B. The bundle providing the service needs to contain an adequate SCR descriptor file.
- C. The bundle providing the service needs to export the java package of the service interface.
- D. The bundle providing the service needs to contain a whitelist of allowed consumer bundles.
- E. The service needs to correctly declare metatype information.

ANSWER: A C

QUESTION NO: 6

Which two methods could a developer use to obtain a Session without using a deprecated API? (Choose two.)

ResourceResolverFactory resolverFactory; if (null != resolverFactory) {

Map<String, Object> authenticationInfo = new HashMap<String, String>(); authenticationInfo.put('username', 'reposevice');

Session session = resolverFactory.getAdministrativeResourceResolver(authenticationInfo, resolverFactory.getServiceResourceResolver()).adaptTo(Session.class);

B

Repository repo; if (null != repo) {

Session session = repo.loginService(null; repo.getDefaultWorkspace());

Repository repository; if (null != repository) {

```
[INFO] --- maven-bundle-plugin:3.3.0:bundle (default-bundle) @training.core ---
[ERROR] Bundle com.adobe.training.core:bundle:0.0.1-SNAPSHOT : Class com.adobe.training.core.Activator is not assignable to specified service com.adobe.training.core.DeveloperInfo
[ERROR] Error(s) found in bundle configuration
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 5.572 s
[INFO] Finished at: 2019-02-12T16:10:25-09:00
[INFO] Final Memory: 22M/384M
[INFO] -----
[ERROR] Failed to execute goal org.apache.felix:maven-bundle-plugin:3.3.0:bundle (default-bundle) on project training.core: Error(s) found in bundle configuration -> [Help 1]
```

```
ResourceResolverFactory resolverFactory;
if (null != resolverFactory) {
    Map<String, Object> authenticationInfo = new HashMap<String, String>();
    authenticationInfo.put('username', 'admin');
    Session session = resolverFactory.getAdministrativeResourceResolver(authenticationInfo, resolverFactory.getServiceResourceResolver()).adaptTo(Session.class);
}
```

E

```
ResourceResolverFactory resolverFactory;
if (null != resolverFactory) {
    Map<String, Object> authenticationInfo = new HashMap<String, String>();
    authenticationInfo.put('username', 'admin');
    Session session = resolverFactory.getAdministrativeResourceResolver(authenticationInfo, resolverFactory.getServiceResourceResolver()).adaptTo(Session.class);
}
```

A. Option A

- B. Option B
- C. Option C
- D. Option D
- E. Option E

ANSWER: B D

QUESTION NO: 7

A developer developed a workflow that makes a copy of every node created or modified under a certain path to a different one. The workflow launches but the nodes are not copied over.

Which two methods should the developer use to resolve this issue? (Choose two.)

- A. Go to Workflow Failures screen and check if any instances of the workflow are present.
- B. Go to Workflow instances screen and verify that the instance of the workflow is present and check its status.
- C. Go to Package Manager screen and reinstall the bundle that contains the workflow so it restarts.
- D. Go to Workflow Models screen, then delete and recreate the workflow.
- E. Go to Workflow Launchers and create a new launcher for the workflow even if one already exists.

ANSWER: A B

QUESTION NO: 8

A developer created an editable template with a Layout Container. The developer needs to restrict the Layout Container to just one column layout.

What should the developer do to the editable template to enforce this restriction?

- A. Add responsive column control component to the template and set column type to 1
- B. Overlay `wcm.foundation.components.page.responsive` Client Library and set `@max_col` to 1
- C. Using Template Editor, lock the Structure Component for the template
- D. Using Template Editor, set the responsive settings to 1 column for Layout Container Policy

ANSWER: D

QUESTION NO: 9

The following stack trace is written in the error.log file after installing a custom application package.

Could not start bundle com.adobe.cq.sample-bundle [526]. Reason: {}. Will retry.

```
org.osgi.framework.BundleException: Unable to resolve com.adobe.cq.sample-bundle [526](R 526.0): missing requirement [com.adobe.cq.sample-bundle] osgi.wiring.package
```

What are two different ways that the developer could resolve the OSGi bundle dependency error? (Choose two)

- A.** Go to the Dependency Finder in the System Console to find if another bundle is exporting a similar version of the classes and change the project pom.xml to match the same version
- B.** Install the jar in AEM via the curl command 'curl -u username:password -F file=@"/com.example.customlib-3.8.jar" -F name="Dependency" -F force=true -F install=true http://localhost:4502/crx/packmgr/service.jsp --progress-bar -o upload.txt '
- C.** Create a folder named "deploy" under \$AEM_HOME/crx-quickstart/ and copy com.example.customlib-3.8.jar in there so AEM uploads it automatically
- D.** Go to the project parent pom.xml file and add the dependency with the scope "compile" and instruct the bundle plugin to include the dependency in runtime
- E.** Upload the file com.example.customlib-3.8.jar into /apps//libs folder in CRX DE to make it available for the OSGi bundle

ANSWER: A D**QUESTION NO: 10**

A developer must create a workflow step that assigns a 'WorkItem' to the appropriate person based on who has the least amount work to do.

The group that must perform the action is configured into the workflow.

Which non-deprecated interface should the Java implementation class use to perform the assignment?

- A.** com.adobe.granite.workflow.exec.ParticipantStepChooser
- B.** com.day.cq.workflow.exec.ParticipantChooser
- C.** com.day.cq.workflow.exec.WorkItem
- D.** com.adobe.granite.workflow.exec.WorkflowData

ANSWER: A