

AD0-E103 Dumps

Adobe Experience Manager Developer

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NEW QUESTION 1

A developer is working on a project locally and needs to install packages manually. The deployments to the localhost must be automated to speed up development. This functionality must be toggled on and off, depending on the needs of the developer. Which step should the developer take to achieve this?

- A. Configure the maven install plugin by defining the target URL, username and password as maven properties.
- B. Add a maven profile and configure the content package maven plugin within this profile
- C. Write a script that does a PUT call to AEM each time maven builds a new package
- D. Run maven with the deploy phas
- E. Maven will install the package on all local AEM instances running without further configuration

Answer: B

NEW QUESTION 2

The dependency of an AEM project fails when a developer configures using Apache Maven. Refer to the error information below.

INFO] -----

[ERROR] COMPILATION ERROR :

[INFO] -----

[ERROR] /training/core/src/main/java/com/adobe/training/core/listeners/SimpleResourceListener.java:[18,28] package org.apache.sling.api does not exist

[ERROR] /training/core/src/main/java/com/adobe/training/core/filters/LoggingFilter.java:[26,28] package org.apache.sling.api does not exist

[ERROR] /training/core/src/main/java/com/adobe/training/core/filters/LoggingFilter.java:[27,31] package org.apache.sling.engine does not exist

[ERROR] /training/core/src/main/java/com/adobe/training/core/models/HelloWorldModel.java:[22,37] package org.apache.sling.api.resource does not exist

[ERROR] /training/core/src/main/java/com/adobe/training/core/models/HelloWorldModel.java:[25,33] package org.apache.sling.api.settings does not exist

[ERROR] /training/core/src/main/java/com/adobe/training/core/models/HelloWorldModel.java:[31,13] cannot find symbol

symbol: class SlingSettingsService

location: class com.adobe.training.core.models.HelloWorldModel What should a developer add to the pom.xml to fix the Maven build?

A. "<dependency><groupId>com.adode.aem</groupId><artifactId>aem-

api</artifactId><version>6.4.0</version><classifier>apis</classifier><scope>provided</scope></dependency>"

B. "<dependency><groupId>com.adode.aem</groupId><artifactId>uber-

jar</artifactId><version>6.4.0</version><classifier>apis</classifier><scope>provided</scope></dependency>"

C. "<resources><resource><directory>src/main/content/jcr_root</directory><filtering>>false</filtering><excludes><exclude>*/.vlt</exclude><exclude>*/.vltignore</exclude><exclude>libs</exclude></excludes></resource></resources>" "<repositories>

D. <repository><id>adobe-public-releases</id><name>Adobe Public

Repository</name><url>https://repo.adobe.com/nexus/content/groups/public/</url><layout>default</layout></repository></repositories>"

Answer: B

NEW QUESTION 3

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/<project>/libs folder in CRX DE to make it available for the OSGi bundle

Answer: AD

NEW QUESTION 4

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

NEW QUESTION 5

A developer running a local AEM instance and working on an AEM project needs to change a large number of files locally in filesystem. The developer needs to get the changes uploaded to the local AEM instance to verify changes almost immediately in the browser.

What action should the developer take to most efficiently meet these requirements?

- A. Build a Content Package using maven and deploy it after each change
- B. Access CRXDE and upload the files through the interface
- C. Make the changes in CRXDE, create a content package, download it and expand it into the working directory after each change
- D. Install FileVault bundle in the AEM instance and register the local working directory for synchronization

Answer: D

NEW QUESTION 6

A developer creates a template-type for building editable templates.

The resulting editable templates and pages must always contain a specific layout container that can NOT be deleted by the author.

How should the developer meet this requirement?

- A. Add the layout container component to the structure section of the template-type
- B. Add the layout container component by including it on the actual page component
- C. Add a content policy to the template-type to disable the removal of the layout container
- D. Add the layout container component to the initial section of the template-type

Answer: A

NEW QUESTION 7

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: BE

NEW QUESTION 8

What is not available in global.jsp?

- A. currentPage
- B. currentNode
- C. currentDesign
- D. currentResource

Answer: D

NEW QUESTION 9

A developer is creating a custom component on the page /latestBlogs.html that needs to list all the titles of the blogs pages under /content/blogs.

How does this component get the list of child pages?

- A. Instantiate a node object with session.getNode(/content/blogs) and then iterate through the child nodes and print the title for each.
- B. Use the QueryDebugger to look for all children of /content/blogs and then iterate through the result set and print the title for each.
- C. Adapt the resourceResolver to the PageManger service, then use the getPage(/content/blogs) to instantiate a Page object and then iterate through the child pages and print the title for each.
- D. Use PageManager.getPage("/content/blogs") of the static PageManager class to instantiate a Page object and then iterate through the child pages and print the title for each.

Answer: B

NEW QUESTION 10

A developer installs the latest Service pack to a local AEM author instance. How should the developer install this package on the publish instance?

- A. Replicate from package manager of publish instance
- B. Use upload/install from OSGi console of publish instance
- C. Replicate from package manager of author instance
- D. Use upload/install from OSGi console of author instance

Answer: C

NEW QUESTION 10

The developer is presented with a component "Component A" which inherits from a component "Component B".

The dialog of Component A on path ../cq:dialog/../../items looks like:

```
+ align
- jcr:primaryType="nt:unstructured"
- sling:resourceType="granite/ui/components/coral/foundation/form/select"
- fieldLabel="Align Text"
- name="./align"
```

The dialog of Component B on path ../cq:dialog/../../items looks like:

```
+ title
- jcr:primaryType="nt:unstructured"
- sling:resourceType="granite/ui/components/coral/foundation/form/textarea"
- fieldLabel="Title"
- name="./title"
+ description
- jcr:primaryType="nt:unstructured"
- sling:resourceType="granite/ui/components/coral/foundation/form/textarea"
- fieldLabel="Description"
- name="./description"
```

The requirement for the dialog is that the *Align Text* field is shown after the *Title* field. What should the developer do without changing Component B?

- A. Move the align node from Component A to Component B and order them according the requirements.
- B. Move all the nodes under the item node from Component B to Component A and order them according the requirements.
- C. Extend Component B with the functionality of Component A
- D. Add the property sling:orderBefore="description" to the align node.

Answer: D

NEW QUESTION 13

A developer creates a Sling Servlet. The Sling Servlet is bound to a path (/service/sling/sample). Refer to the resulting code below.

```
@Component (immediate=true, service = {Servlet.class})
```

```
@SlingServletPaths(value = {"/service/sling/sample"})
```

What should the developer do to make the servlet access controlled using the default ACLs?

- A. Add @SlingServletPrefix (value = "/apps") annotation
- B. Use @SlingServletResourceTypes instead of @SlingServletPaths
- C. Modify @SlingServletPaths(value = {"/bin/sling/sample"})
- D. Add @SlingServletName(servletName = "AccessControlServlet") annotation

Answer: B

NEW QUESTION 18

A developer needs to install a content package on an AEM environment. However a content package with the same name is already installed.

What would be the safest way for the developer to install the content package to make sure only the changes of the new content package get applied?

- A. Upload the content package to the CRX Package Share before installing it
- B. Use the "Force Upload" option when uploading the new content package
- C. Uninstall the existing content package before installing the new content package
- D. Install the content package using the OSGi web console

Answer: C

NEW QUESTION 20

A developer is working with the following HTL expression in a component rendering script:

```
${'path/page.infinity.json' @extension = 'html', removeSelectors = ['foo'],
```

```
selectors = ['foo', 'bar'], prependSuffix = 'hello', suffix = 'world' }
```

What is the expected output of this expression?

- A. path/page.foo.bar.html/hello/world
- B. path/page.infinity.json.bar.html/world
- C. path/page.bar.html/hello/world
- D. path/page.bar.html/world

Answer: C

NEW QUESTION 24

Refer to the following Client Library node structure.

```
+clientlibs
```

```
- jcr:primaryType="cq:ClientLibraryFolder"
```

```
- categories="[clientlibs.example]"
```

```
+ js.txt
```

```
- jcr:primaryType="nt:file"
```

```
+ css.txt
```

```
- jcr:primaryType="nt:file"
```

```
+ js
```

```
- jcr:primaryType="nt:folder"
```

```
- javascript1.js
```

```
- javascript2.js
```

The js.txt looks like javascript1.js javascript2.js

The JavaScript is NOT present in the Client Library when it is loaded. What should a developer do to resolve this issue?

- A. Change the js folder to a Client Library node and add the property categories = "[clientlibs.example]"
- B. Change the js folder to a Client Library node and embed it on the clientlibs node
- C. Add #base=js as the first line in the js.txt file
- D. Split the js and css into 2 Client Libraries since they can't be in the same Client Library

Answer: C

NEW QUESTION 29

A developer has a component named foobar with the following file:

```
FooBar.java
```

```
import com.adobe.cq.sightly.WCMUsePojo; public class FooBar extends WCMUsePojo; {
```

```
@Override
```

```
public void activate() throws Exception {} public String getLink() {
```

```
return "http://www.foo'bar.com";
```

```
}
```

```
public String getText() { return "foo'bar";
```

```
}
```

```
}
```

```
foobar.html
<div data-sly-use.fooBar="FooBar">
<a href="{fooBar.link}" title="{fooBar.text}">
{fooBar.text}
</a>
</div>
```

What is the output when the component is rendered?

- A. "<div> foo'bar</div>"
- B. "<div> foo'bar</div>"
- C. "<div> foo'bar</div>"
- D. "<div> foo'bar</div>"

Answer: D

NEW QUESTION 34

A developer wants to automatically truncate request log files once they exceed 10 MB. Which OSGi configuration should the developer modify?

- A. Apache Sling Logging Configuration
- B. Adobe Granite Log Analysis Service
- C. Apache Sling Customizable Request Data Logger
- D. Apache Sling Logging Writer Configuration

Answer: D

NEW QUESTION 38

A developer needs an existing workflow to run only when pages are created under a certain folder. What should the developer create to achieve this?

- A. A Launcher with the field path pointing to the folder and condition field and have the value jcr:content/jcr:primaryType==cq:Page
- B. A Launcher with the field condition that has the value jcr:content/page
- C. A Launcher with the field exclude that has the value jcr:nodeType==cq:Page
- D. A Launcher with the field path pointing to the folder and nodetype field have the value cq:Page

Answer: D

NEW QUESTION 42

An AEM site experiences slower page loads. A developer needs to identify the slow running requests. How should a developer analyze the requests with long response times?

- A. Use proxy.jar with the following command java -jar proxy.jar <host> <remoteport> <localport> to debug the webserver and AEM server communication
- B. Use rlog.jar with the following command \$ java -jar ../opt/helpers/rlog.jar -n 10 request.log to identify long running requests
- C. Download Heapdumps from Tools > Operations > Diagnosis and analyze the Heapdumps using the Memory Analyzer Tool
- D. Embed /libs/foundation/components/timing component in the Page Component and verify the page load time

Answer: B

NEW QUESTION 44

Which log file should a developer use to search for exception stacktraces?

- A. <aem-install>/crx-quickstart/logs/error.log
- B. <aem-install>/crx-quickstart/logs/request.log
- C. <aem-install>/crx-quickstart/logs/access.log
- D. <aem-install>/crx-quickstart/logs/info.log

Answer: A

NEW QUESTION 45

A developer creates two custom classes. ClassA has the following code: package com.aem.abc;

```
import org.slf4j.Logger;
import org.slf4j.LoggerFactory; public class ClassA {
private static final Logger logger = LoggerFactory.getLogger(this.getClass()); public void classAMethod() {
logger.debug("Message from Class A method");
}
}
```

The developer creates a custom log custom.log with debug level in OSGi sling log support for the Java package com.aem.abc. The developer adds another class ClassB with the following code:

```
package com.aem.xyz; import org.slf4j.Logger;
import org.slf4j.LoggerFactory; public class ClassB {
private static final Logger logger = LoggerFactory.getLogger(this.getClass()); public void classBMethod() {
logger.debug("Message from Class B method");
}
}
```

Which action must the developer take to see the log messages in the same file from both classes?

- A. Configure custom.log in OSGi web console -> Sling -> Log Support and replace com.aem.xyz with com.aem.abc
- B. Configure custom.log in OSGi web console -> Sling -> Log Support and replace com.aem.abc with com.aem.xyz
- C. Create separate a log file in the OSGi web console -> Sling -> Log Support for logger com.aem.xyz
- D. Configure custom.log in OSGi web console -> Sling -> Log Support and replace com.aem.abc with com.aem

Answer: D

NEW QUESTION 49

Which xml tag is used within the vault package definition to add a new path to a content package?

- A. <path>
- B. <filter>
- C. <content>
- D. <rule>

Answer: B

NEW QUESTION 52

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