Adobe

Exam Questions AD0-E103

Adobe Experience Manager Developer

NEW QUESTION 1
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 2
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 3
A developer wants to consume AEM Page Data in Single Page Application. The Single Page Application is coded to understand JSON format. Only page content
should be exposed through JSON. All the existing components are based on foundation components.
Which change should the developer make in the existing components to support this requirement?

A. Add JSON as the default extension in Apache Sling Servlet?Script Resolver and Error handler Configuration
B. Implement a Sling Model Exporter for the components
C. Create a custom sling event handler to handle JSON requests
D. Invoke the page URL with the extension .json to get the values to construct the required output

Answer: B

NEW QUESTION 4
A Client-Side Library has the category "library.example".
Which HTL statement should a developer use to reference only the CSS files of this Client-Side library

A. <sly data-sly-use.clientlib="/libs/granite/sightly/templates/clientlib.html" data-sly-call="${clientlib.css@ categories='library.example'}"/>
B. <sly data-sly-use.clientlib="/libs/granite/sightly/templates/clientlib.html" data-sly-call="${clientlib.css@ category='library.example'}"/>
C. <sly data-sly-use.clientlib="/libs/granite/sightly/templates/clientlib.html" data-sly-call="${clientlib.all@ type='css' categories='library.example'}"/>
D. <sly data-sly-use.clientlib="/libs/granite/sightly/templates/clientlib.html" data-sly-call="${clientlib.all@ categories='library.example.css'}"/>

Answer: A

NEW QUESTION 5
What is not available in globel.jsp?

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

Answer: D

NEW QUESTION 6
A developer creates an OSGi service to access JCR content. Refer to the code snippet from the OSGi service below.
public class AccessRepository {
private static final String SERVICE_ACCOUNT_IDENTIFIER = "sample-service";
...
private final String getServiceUser() {
final Map<string, object=""> authInfo = Collections.singletonMap(ResourceResolverFactory.SUBSERVICE, (Object) SERVICE_ACCOUNT_IDENTIFIER);

ResourceResolver serviceResolver = resourceResolverFactory.getServiceResourceResolver(authInfo))
...
}
}
Bundle ID = com.adobe.aem.samples-bundle
Which set of steps should the developer take to make sure that the code works?

A. "1. Create a System User called systemUser with appropriate ACLs2. Modify the Apache Sling Service User Mapper Service3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"
B. "1. Create an AEM User called systemUser with appropriate ACLs2. Modify the Apache Sling Service User Mapper Service3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"
C. "1. Create a System User called systemUser with appropriate ACLs2. Modify the Apache Sling Service User Mapper Service Amendment3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"
D. "1. Create an AEM User called systemUser with appropriate ACLs2. Modify the Apache Sling Service User Mapper Service Amendment3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"

Answer: A

NEW QUESTION 7
After a recent code deployment, an AEM site is experiencing longer than usual query execution time. The deployment package contained some new Lucene index definitions. A developer needs to identify the long running queries and confirm that the new index definitions are getting applied correctly.
Which action should the developer take to investigate this problem?

A. Goto Tools > Operations > Diagnosis > Log Message
B. Configure DEBUG log level on com.day.cq.search to monitor search queries.
C. Goto Tools > Operations > Diagnosis > Query Performance > Slow Querie
D. Select a Query and Click on Explain
E. Goto Tools > Operations > Diagnosis > Index Manage
F. Select the new Indexes and run a consistency check.
G. Goto Tools > Operations > Diagnosis > Download Thread Dump
H. Analyze the Thread Dumps to identify long running requests.

Answer: B

NEW QUESTION 8
How should a developer configure the replication agent to flush the dispatcher cache for a newly activated page?

A. Create a dispatcher flush agent in publish instance
B. Create a reverse replication agent on the author instance
C. Create a new replication agent and set transport URI to point to the dispatcher
D. Set the serialization type property of the default agent to dispatcher flush

Answer: A

NEW QUESTION 9
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 10
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 10
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 14
A custom application contains a service component com.proj.ServiceComponent. A developer needs to configure the string value name and integer value intVal.
The actual configuration must be deployed using a
content package.
What should the developer do to meet these requirements?

A. "Use a file com.proj.ServiceComponent.cfg with content name=""Service name""intVal=I""5"""
B. "Use a file com.proj.ServiceComponent.config with content name=""Service name""intVal=I""5"""
C. "Use a file com.proj.ServiceComponent.xml with content<?xml version=""1.0"" encoding=""UTF-8""?><jcr:root jcr:primaryType=""sling:OsgiConfig""
name=""Service Name""intVal=""5""/>"
D. "Use a file com.proj.ServiceComponent.xml with content<?xml version=""1.0"" encoding=""UTF-8""?><jcr:root xmlns:jcr=""http://www.jcp.org/jcr/1.0""
jcr:primaryType=""sling:OsgiConfig""name=""Service Name"" intVal=""{Integer}5""/>"

Answer: B

NEW QUESTION 17
Which environment variable in the AEM start script should a developer modify to enable remote debugging?

A. CQ_RUNMODE
B. CQ_JVM_OPTS
C. CQ_PORT
D. CQ_HOST

Answer: B

NEW QUESTION 19
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">

${fooBar.text}

</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 24
In which two ways can a developer keep simple and maintanable CRX Access Control Lists? (Choose two)

A. Use Deny statements extensively
B. Delete the `everyone` group
C. Use Deny statements sparingly
D. Assign access rights to user groups rather than users
E. Assign access rights user by user

Answer: CD

NEW QUESTION 26
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 28
Two AEM publish instances feed a single Dispatcher.
Which part of the Dispatcher configuration should a developer review to ensure both AEM publish instances are used?

A. virtualhosts
B. farms
C. filter
D. cache

Answer: B

NEW QUESTION 30
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 32
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 36
There is a config file package.myClass.config.factory-myApp.xml – what is true? (Choose two)

A. The word "config" is a sign of factory
B. The word `factory` is a sign of factory
C. Should be set package.myClass.config.factory-<identifer>
D. Must be set package.myClass.config.factory-<identifer>

Answer: C

NEW QUESTION 39
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