

## AD0-E103 Dumps

### Adobe Experience Manager Developer

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### NEW QUESTION 1

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

```
<div data-one="{foo}" data-two="{2}" data-three="{true}"></div>
<div data-one="{}" data-two="{0}" data-three="{false}"></div>
```

What is the output when the component is rendered?

- A. "<div data-one=""foo"" data-two=""2"" data-three=""true""></div><div data-one="" data-two=""0"" data-three=""false""></div>"
- B. "<div data-one=""foo"" data-two=2 data-three=""></div><div data-one="" data-two=0 data-three=""></div>"
- C. "<div data-one=""foo"" data-two=""2"" data-three></div><div data-two=""0""></div>"
- D. "<div data-one=""foo"" data-two=2 data-three=""></div><div data-two=0 data-three=""></div>"

**Answer: C**

### 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.adobe.aem</groupId><artifactId>aem-api</artifactId><version>6.4.0</version><classifier>apis</classifier><scope>provided</scope></dependency>"
- B. "<dependency><groupId>com.adobe.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>Repository</name><url>https://repo.adobe.com/nexus/content/groups/public/</url><layout>default</layout></repository></repositories>"
- D. <repository><id>adobe-public-releases</id><name>Adobe Public

**Answer: B**

### NEW QUESTION 3

A developer identifies that some requests for the page /content/sampleproject/page.html take longer than other requests for the same page.

Refer to the \$DOCROOT/content/sampleproject directory below. [user@group /opt/dispatcher/cache/content/sampleproject]\$ ks -la total 2

drwxr-xr-x. 5 apache apache 4096 Feb 11 11:41 .

drwxr-xr-x. 3 apache apache 4096 Nov 29 16:07 ..

drwxr-xr-x. 4 apache apache 4096 Feb 7 03:21 page.html

-rw-r--r--. 1 apache apache 0 Feb 7 03:19 .stat

The dispatcher.log file contains the following lines:

[Wed Feb 13 13:14:04 2012] [D] [1376(1572)] checking [/libs/cq/security/userinfo.json]

[Wed Feb 13 13:14:04 2012] [D] [1376(1572)] Caching disabled due to query string: tracking\_id=1350373444666

[Wed Feb 13 13:14:04 2012] [D] [1376(1572)] cache-action for [/libs/cq/security/userinfo.json]: None How should the developer make sure that the page is always cached?

- A. "Modify the dispatcher.any file to contain the following lines:/filter{.../0023 { /type ""allow"" /url ""/content/\*/\*.html?tracking\_id="" }...}"
- B. "Modify the dispatcher.any file to contain the following lines:/rules{.../0000 { /glob """" /type ""allow"" /params ""tracking\_id"" }...}"
- C. "Modify the dispatcher.any file to contain the following lines:/ignoreUrlParams{.../0002 { /glob ""tracking\_id"" /type ""allow"" }...}"
- D. "Modify the dispatcher.any file to contain the following lines:/filter{.../0023 { /type ""allow"" /url ""/content/\*/\*.html"" /params ""tracking\_id"" }...}"

**Answer: C**

### NEW QUESTION 4

An application contains an OSGi configuration that contains a password.

How should a developer prevent this sensitive information from being stored in plain text in JCR?

- A. 1. Use console at /system/console/crypto to encrypt the value2. Either create an encrypted value for each AEM instance and use runmodes to apply the different values or make sure relevant instances share the same master key3. When loading the value in the code, call CryptoSupport.unprotect(\_) before using the value
- B. 1. Use console at /system/console/configMgr and tick the checkbox "encrypt" before saving a configuration2. Use encrypted values work across all instances3. When loading the value in the code, call CryptoSupport.unprotect(...) before using the value
- C. 1. Use console at /system/console/crypto to encrypt the value2. Either create an encrypted value for each AEM instance and use runmodes to apply the different values or make sure relevant instances share the same master key3. Sensitive information is automatically decrypted using the CryptoSupport OSGi service before the value is returned
- D. 1. Use console at /system/console/configMgr and tick the checkbox "encrypt" before saving a configuration2. Either create an encrypted value for each AEM instance and use runmodes to apply the different values or make sure relevant instances share the same master key3. Sensitive information is automatically decrypted using the CryptoSupport OSGi service before the value is returned

**Answer: A**

### NEW QUESTION 5

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 6

A developer needs to configure sets of values according to the following parameters:

- Varies for different staging environments
- Varies for different content paths
- Differs between author and publish

Which implementation strategy should the developer use to meet these requirements?

- A. A context aware configuration with buckets using an OSGi configuration
- B. One OSGi configuration for the set of values with runmodes
- C. A custom cloud configuration
- D. A JCR property at the content root node of the site with inheritedPageProperties

**Answer: A**

#### NEW QUESTION 7

In which maven build phase is the content package assembled?

- A. install
- B. compile
- C. package
- D. deploy

**Answer: C**

#### NEW QUESTION 8

A custom AEM application has a run time dependency to a third party OSGi bundle that is NOT included in out-of-the-box AEM. The third party dependency needs to be available for multiple applications and be upgraded separately from the custom AEM application.

How should a developer make sure that the bundle is installed on all environments?

- A. Add the dependency to the third party bundle in pom.xml of the project bundle
- B. Embed the third party bundle in the bundle that depends on it
- C. Embed the bundle in a content package to have it automatically deployed
- D. Declare the dependency correctly using a link to the OSGi Bundle Repository (OBR)

**Answer: C**

#### NEW QUESTION 9

A custom AEM application contains a service component that needs to access the JCR repository within the activate method. The activate method uses ResourceResolverFactory.getServiceResourceResolver(...) without specifying a sub service name.

What should a developer do to make sure the user service mapping for the service component is available?

- A. Create a field of type ServiceUserMapper and annotate it with @Reference using ReferencePolicy.STATIC
- B. Wait for the service ServiceUserMapper via BundleContext.getServiceReference(...)
- C. Create a field of type ServiceUserMapped and annotate it with @Reference using ReferencePolicy.DYNAMIC
- D. Create a field of type ServiceUserMapped and annotate it with @Reference

**Answer: D**

#### NEW QUESTION 10

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 10

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 12

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 14

In which two ways can a developer keep simple and maintainable 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 17

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 19

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 24

A developer determines that the dispatcher is NOT refreshing the cached page /content/sampleproject/sample.html after it is updated.

The dispatcher.any contains the following entries:

```
/cache
{
/docroot "/opt/dispatcher/cache"
/statfile "/tmp/dispatcher-website.stat"
/statfileslevel "2"
/rules
{
/0000 { /glob "*" /type "allow" }
}
/invalidate
{
/0000 { /glob "*" /type "deny" }
}
```

```
}  
Refer to the $DOCROOT directory below: [user@group /opt/dispatcher/cache]$ ls -la total 2  
drwxr-xr-x. 5 apache apache 4096 Feb 11 11:41 .  
drwxr-xr-x. 3 apache apache 4096 Nov 29 16:07 ..  
drw-r--r--. 4 root root 4096 Feb 7 03:21 content  
-rw-r--r--. 1 apache apache 0 Feb 7 03:19 .stat
```

The dispatcher needs to cache the page and refresh it after it gets updated. What action should the developer take to meet these requirements?

- A. Add the entry /0001 { /glob "\*.html" /type "allow" } in the /invalidate section
- B. Change the value of the entry /statfileslevel to "3"
- C. Delete the contents of the DOCROOT directory
- D. Remove /statfile or /statfileslevel

**Answer:** A

#### NEW QUESTION 29

A developer wants to create a Client Library that will only be included on touch enabled devices. What action should the developer take to achieve this?

- A. Add the line "#base=touch" to the js.txt and css.txt files in the Client Library Folder
- B. Pass the parameter user-agent='touch' when referencing the Client Library
- C. Set the channels property on the Client Library Folder to "touch"
- D. Create a resource folder called "touch" under the Client Library Folder

**Answer:** C

#### NEW QUESTION 33

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