

## 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**

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 3**

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 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 thevalue 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**

AEM is installed in \$AEM\_HOME.

In which subfolder are the command line startup and shutdown scripts located?

A. \$AEM\_HOME/

B. \$AEM\_HOME/crx-quickstart/scripts

C. \$AEM\_HOME/crx-quickstart/opt/

D. \$AEM\_HOME/crx-quickstart/bin/

**Answer:** D

#### NEW QUESTION 6

A developer needs to change the label "Sites" in the navigation of AEM author to "Websites". Which action should the developer take to achieve this?

- A. Change the code of /libs/granite/ui/components/shell/clientlibs/shell/js/globalnav.js to display the new value
- B. Create a new node /apps/cq/core/content/nav/sites and update the property jcr:title
- C. Modify the code of /libs/granite/ui/components/shell/globalnav/overlay/overlay.jsp to display the new value
- D. Modify the node /libs/cq/core/content/nav/sites by updating the jcr:title property value

**Answer:** D

#### NEW QUESTION 7

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 8

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 9

A developer needs to implement a header component for a website. The component has the following requirements:

- The component should be configured once on the page highest in the hierarchy.
- The header component on pages lower in the hierarchy should look the same and show the same data.
- If necessary, the configuration can be overwritten on a child page.
- The component should show a list of links that are configured in the header component. Which code snippet for returning the list of pages should the developer use?

- A. `"public String[] getHeaderLinks(Page page) {final Resource pageContent = page.getContentResource();final ComponentInheritanceValueMap properties = ComponentInheritanceValueMap(pageContent); return properties.get(HEADER_PAGE_LIST, String[].class);}"`
- B. `"public String[] getHeaderLinks(Resource componentResource) { final ComponentInheritanceValueMap properties =componentResource.adaptTo(ComponentInheritanceValueMap.class);return properties.getInherited(HEADER_PAGE_LIST, String[].class);}"`
- C. `"public String[] getHeaderLinks(Resource componentResource) {final HierarchyNodeInheritanceValueMap properties = new HierarchyNodeInheritanceValueMap (componentResource);return properties.getInherited(HEADER_PAGE_LIST, String[].class);}"`
- D. `"public String[] getHeaderLinks(Resource componentResource) {final HierarchyNodeInheritanceVauleMap properties = componentResource.adaptTo(HierarchyNodeInheritanceVauleMap.class);return properties.getInherited(HEADER_PAGE_LIST, String[].class);}"`

**Answer:** C

#### NEW QUESTION 10

What is not available in globel.jsp?

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

**Answer:** D

#### NEW QUESTION 10

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 14

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

#### NEW QUESTION 18

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 22

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 27

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 28

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 29

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 32**

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 37**

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