

# Adobe

## Exam Questions AD0-E103

Adobe Experience Manager Developer



**NEW QUESTION 1**

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 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:** BE

**NEW QUESTION 3**

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 4**

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 Query Debugger 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 PageManager 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 5**

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 6**

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 7

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 8

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: AC**

#### NEW QUESTION 9

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 10

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 10

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 11

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 14

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 19

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