

Exam Questions AD0-E103

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

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 4

What is not available in globel.jsp?

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

Answer: D

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

A developer is working on the following Sling Model that is being used in a component.

```
@Model(adaptables = SlingHttpServletRequest.class, defaultInjectionStrategy = DefaultInjectionStrategy.OPTIONAL)  
public class SampleModel {  
    @Inject  
    private Page currentPage; private boolean matchingTitle;  
    @PostConstruct private void init(){  
        matchingTitle = title.equals(currentPage.getName());  
    }  
    public boolean isMatchingTitle(){ return matchingTitle;  
    }  
}
```

The model must check if the configured value of the jcr:title property for the component matches the same name of the current page. If the jcr:title property of the component has NOT been configured, then isMatchingTitle() must return false.
How should the developer inject the title property in this model?

- A. "@ValueMapValue@Via("jcr:title")@Requiredprivate String title;"
- B. "@ValueMapValue@Named("jcr:title")@Default(values = "") private String title;"
- C. "@ValueMapValue@Named("jcr:title")@Requiredprivate String title;"
- D. "@ValueMapValue@Via("jcr:title")@Default(values = "") private String title;"

Answer: B

NEW QUESTION 7

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 8

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 9

Which maven plugin is required to install a content package on a local AEM environment using maven?

- A. Maven Bundle Plugin
- B. Content Package Maven Plugin
- C. FileVault Package Maven Plugin
- D. Maven Install Plugin

Answer: B

NEW QUESTION 10

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 10

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 13

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 15

A banking AEM application contains functionality to calculate a mortgage rate based on user input. A servlet in place calculates the result in the backend. A call to

an internal third-party REST service is required to retrieve the average object value based on a given zip code.

The following three service interfaces are used:

MortgageCalculationServlet, MortgageCalculationService and ObjectValueLookupRestService where MortgageCalculationServlet has a dependency to MortgageCalculationService and MortgageCalculationService has a dependency to ObjectValueLookupRestService.

The calculation has many combinations of input parameters and edge cases, so the JUnit coverage must be as high as possible.

Which two strategies should the developer use to ensure testability of the application code? (Choose two)

- A. Use the standard OSGi @Reference annotation to wire the dependencies in application code
- B. Use BundleContext.getServiceReference(...) and BundleContext.getService(...) in application code to look up for the required services just before usage
- C. Deploy a third party dependency injection container to wire dependencies more efficiently in application code
- D. Use a mock framework to be able to create and inject mocks in the test code
- E. Use static methods to avoid boilerplate in application code

Answer: AD

NEW QUESTION 19

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 21

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 22

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 24

A developer needs to upgrade existing components (Proxy Components) based on Core Components Version 1(v1) to Core Components Version 2(v2). How should the developer upgrade to V2 Core Components?

- A. Proxy Components will be automatically upgraded to the V2 Core Component on AEM Restart
- B. Modify the sling:resourceSuperType property on the V1 core components to point to V2 Component
- C. Modify the sling:resourceSuperType property on the proxy component to point to V2 Component
- D. Create a new Proxy Component and set sling:resourceType property to V2 Core Component

Answer: C

NEW QUESTION 25

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