

## Exam Questions AD0-E116

Adobe Experience Manager Developer Expert

<https://www.2passeasy.com/dumps/AD0-E116/>



### NEW QUESTION 1

In OSGi bundle Activator.java is registered through a service DeveloperInfo.java DeveloperInfo.java

```
java
package com.adobe.training.core;

public interface DeveloperInfo {
}
```

Activator.java

```
java
package com.adobe.training.core;

import org.osgi.service.component.annotations.*;

@Component(service=DeveloperInfo.class)

public class Activator {

    private final org.slf4j.Logger logger = org.slf4j.LoggerFactory.getLogger(getClass());

    @Activate

    public void start() {

        logger.info("#####Started#####")

    }

    @Deactivate

    public void stop() {

        logger.info("#####Stopped#####")

    }

}
```

Maven install generates an error during deployment. Refer to the error information below:

```
[INFO] --- maven-bundle-plugin:3.3.0:bundle (default-bundle) @training.core ---
[ERROR] Bundle com.adobe:training.core:bundle:0.0.1-SNAPSHOT : Class com.adobe.training.core.Activator is not assignable to specified
service com.adobe.training.core.DeveloperInfo
[ERROR] Error(s) found in bundle configuration
[INFO] -----
[INFO] BUILD FAILURE
[INFO] -----
[INFO] Total time: 5.572 s
[INFO] Finished at: 2019-02-12T16:10:25-08:00
[INFO] Final Memory: 22M/384M
[INFO] -----
[ERROR] Failed to execute goal org.apache.felix:maven-bundle-plugin:3.3.0:bundle (default-bundle) on project training.core:
Error(s) found in bundle configuration ->[Help 1]
```

Which action should the developer take to resolve the build error?

- A. @Service annotation is missing in DeveloperInfo.java.
- B. Interface DeveloperInfo does NOT have any method.
- C. Activator class is NOT implementing DeveloperInfo interface.
- D. The required Maven repository for OSGi is missing.

**Answer: C**

### NEW QUESTION 2

A developer is installing a content package with the package manager. The developer needs to restrict the approximate number of nodes in a batch that is saved to persistent storage in one transaction.

How should the developer modify the number of transient nodes to be triggered until automatic saving?

- A. AEM instances automatically modify the number of transient nodes based on the load balancing.
- B. Modify the export package manifest header and copy the content package to AEM installation folder.

- C. Select the option MergePreserve for the Access Control Handling drop-down in the Install Package dialog-box.  
D. Change the value of Save Threshold in the Install Package dialog-box.

**Answer:** D

**Explanation:**

<https://helpx.adobe.com/ro/experience-manager/kt/sites/using/gettingstarted-wknd-tutorial-develop/part1.html>

**NEW QUESTION 3**

A developer needs to create an OSGi service to run on an Author instance and send out newsletters at periodic intervals. Intervals should be customized using the Web Console Configuration. Concurrent execution must be prevented.

Which code snippet should a developer use to achieve?

A

```
@Component(service = Runnable.class)
@Designate(ocd = SendEmailNewsletterImpl.Config.class)
public class SendEmailNewsletterImpl implements Runnable {

    @ObjectClassDefinition(name = "A simple cleanup task", description =
"Simple demo for cron-job like task with properties")
    public static @interface Config {

        @AttributeDefinition(name = "Cron-job expression")
        String scheduler_expression() default "*/*/*/*?";

        @AttributeDefinition(name = "Configure task", description =
"Whether or not to schedule this task concurrently")
        boolean scheduler_concurrent() default false;

        @AttributeDefinition(name = "A parameter", description =
"Can be configured in /system/console/configMgr")
        String myParameter() default "";
    }
}
```

B

```
@Component (immediate=true,service = Servlet.class, property = {Constants.SER
VICE_DESCRIPTION + "=Send NewsLetter Sling Servlet",
    "sling.servlet.method=" + HttpConstants.METHOD_PUT,
    "sling.servlet.concurrent=" + "false",
    "sling.servlet.interval=" + "*/*/*/*?"
})
public class SendNewsletterServlet extends SlingSafeMethodsServlet {

    ....
}
```

C

```
@Component (immediate=true,
enabled=true
service = Importer.class,
property = {
    Importer.concurrent + "=false",
    Importer.interval + "=/*/*/*/*?"
})
public class SendEmailNewsletterImpl implements Importer {

    ....
}
```

D

```
@Component(service = EventHandler.class,
            immediate = true,
            property = {
                Constants.SERVICE_DESCRIPTION + "=Send NewsLetter",
                EventConstants.EVENT_TOPIC + "=org/apache/sling/api/
resource/Resource/*",
                EventConstants.interval + "=
*/30***?"
            })
public class SendNewsletterListener implements EventHandler {

    boolean isConcurrent = false;
    String interval = "*/30***?"
    public void handleEvent(final Event event) {
        event.send(isConcurrent, event.getTopic(), interval);
    }
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer:** A

#### NEW QUESTION 4

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 5

One content package of a custom application contains the following content paths.

```
/apps/myproj/install
/apps/myproj/components
/apps/myproj/i18n
```

The server also contains the content path /apps/myproj/configuration that must NOT be touched when installing the package.

Which two filter definitions should a developer use to always update only the contained paths upon installation in the server? (Choose two.)

A

```
<filter root="/apps/myproj">
  <exclude pattern="configuration.*"/>
</filter>
```

B

```
<filter root="/apps/myproj">
  <include pattern=".*"/>
  <exclude pattern="configuration.*"/>
</filter>
```

C

```
<filter root="/apps/myproj">
  <exclude pattern="/apps/myproj/configuration.*"/>
</filter>
```

D

```
<filter root="/apps/myproj" mode="merge">
```

E

```
<filter root="/apps/myproj">
  <include pattern="/apps/myproj/(install|components|i18n).*/>
</filter>
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer:** CD

#### NEW QUESTION 6

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 7

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 8

A developer running a local AEM instance and working on an AEM project needs to change a largenumber 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 9

A service component periodically retrieves content from an external REST interface and saves the information in JCR. The REST endpoint is configured via an OSGi service property. There is one URL for production (runmode prod) and another URL for all other environments. How should a developer configure the OSGi service?

- A. Underneath /apps/<project>/settings, create the sub folders global and prod and node with name<PID>.conf each and configure the properties via node properties.
- B. Underneath /config/<project>/settings, create the sub folders config.default and config.prod and a file with the name <PID>.config each and list the properties as key value pairs in there.
- C. Underneath /apps/<project>, create the sub folders config and config.prod and a file with the name<PID>.config each and list the properties as key value pairs in there.
- D. Underneath /config/<project>/settings, create the sub folders config and config.prod and a file with the name <PID>.config each and list the properties as key value pairs in there.

**Answer:** C

#### NEW QUESTION 10

Too many pages are invalidated in the dispatcher cache when a page is published. What is most likely causing this issue in the dispatcher configuration?

- A. Sticky session are NOT configured properly, resulting in requests being delivered to the wrong server.
- B. The level of cache invalidation is NOT appropriate for the published content model.
- C. File globbing in the dispatcher configuration is NOT correct.
- D. The OS file system permissions are NOT properly configured.

**Answer:** B

#### NEW QUESTION 10

A custom AEMApplication 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 15

A developer is creating a custom method. This method must return a String property y from child x. the method must use only Sling APIs. How should the developer retrieve property y of node x, and node x may or may NOT exist?

A

```
String y =((ValueMap<String,String>) resource.getChild("x").getValueMap()).
get ("y"), "");
```

B

```
String y = null;
Resource x = resource.getChild("x");
if (null!=x) {
    ValueMap<String> map = x.getValueMap();
    if (null!=map) {
        y = map.get("y","");
    }
}
```

C

```
String y = null;
Node x = node.getNode("x");
if (null!=x) {
    Properties<Strings,String> properties = x.getProperties();
    if (null!=properties) {
        y = properties.get("y","");
    }
}
```

D

```
String y = null;
Node x = node.getNode("x");
if (null!=x) {
    ValueMap<Strings,String> map = x.getValueMap();
    if (null!=map) {
        y = map.get("y","");
    }
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

#### NEW QUESTION 16

A developer needs to implement a service component that should be manually configured by operations to react on operational circumstances. The service component should NOT be active by default. The service has the properties myservice.name (one string value) and myservice.stringValues (a list of the string values) to be configured.

The developer needs to use OSGi Metatype annotations to make those properties configurable in the Apache Felix Web Console.

Which set of steps should the developer take to meet these requirements?

- A. 1. For the class fields myserviceName and myserviceStringValues, add a @AttributeDefinition annotation each with names set to myservice.name and myservice.stringValues respectively.2. Use the @Component annotation with configurationFactory = true on the service component class.3. Use the @Service service component class.4. Use the activate method of the service component class to get the configuration annotation interface class injected.
- B. 1. Create an annotation interface as inner class of the service component and annotate it with @ObjectClassDefinition.2. Apply @AttributeDefinition for the methods myservice.name and myservice.stringValues.3. Use the @Component annotation with configurationPolicy = ConfigurationPolicy.REQUIRE on the service component.4. Use the @Designate annotation to link the service component to the created configuration annotation interface.5. Use the activate method of the service component class to get the configuration annotation interface class injected.
- C. 1. Create an annotation interface as inner class of the service component and annotate it with @ObjectClassDefinition.2. Apply @AttributeDefinition for the methods myservice\_name and myservice\_stringValues.3. Use the @Component annotation with configurationPolicy = ConfigurationPolicy.REQUIRE on the service component.4. Use the @Designate annotation to link the service component to the created configuration annotation interface.5. Use the activate method of the service component class to get the configuration annotation interface class injected.
- D. 1. For the class fields myserviceName and myserviceStringValues, add a @Property annotation each with names set to myservice.name and myservice.stringValues respectively.2. Use the @Component annotation with configurationFactory = true on the service component class.3. Use the @Service service component class.4. The configuration is automatically injected into the field by the service component runtime.

Answer: C

#### NEW QUESTION 18

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 23

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

#### Explanation:

<https://sling.apache.org/documentation/development/logging.html>

#### NEW QUESTION 25

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 27

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 31

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: AD

### NEW QUESTION 32

A developer needs to create a banner component. This component shows an image across the full width of the page. A title is shown on top of the image. This text can be aligned to the left, middle, or right. The core components feature a teaser component which matches almost all requirements, but not all. What is the most maintainable way for the developer to implement these requirements?

- A. Use and configure the teaser core component.
- B. Create a new custom component from scratch.
- C. Overlay the teaser core component.
- D. Inherit from the teaser core component.

Answer: D

### Explanation:

<https://docs.adobe.com/content/help/en/experience-manager-core-components/using/components/teaser.html>

### NEW QUESTION 36

Refer to the following four Client Library Folders.

```
html
One
- categories="[library.one]"
- dependencies="[library.three, library.four]"
- embed="[library.two]"

Two
- categories="[library.two]"

Three
- categories="[library.three]"
- dependencies="[library.four]"

Four
- categories="[library.four]"
```

A developer uses the following:

```
html
<data-sly-call="${clientlib.css @ categories='library.one'}"/>
```

What is the resulting HTML?

A

```
<link rel="stylesheet" href="library.one.css">
<link rel="stylesheet" href="library.three.css">
<link rel="stylesheet" href="library.four.css">
```

B

```
<link rel="stylesheet" href="library.two.css">
<link rel="stylesheet" href="library.one.css">
<link rel="stylesheet" href="library.three.css">
```

C

```
<link rel="stylesheet" href="library.four.css">
<link rel="stylesheet" href="library.three.css">
<link rel="stylesheet" href="library.one.css">
```

D

```
<link rel="stylesheet" href="library.three.css">
<link rel="stylesheet" href="library.four.css">
<link rel="stylesheet" href="library.one.css">
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: C**

#### NEW QUESTION 39

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 41

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 44

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 46

From which AEM Web Console should a developer access and download full AEM Log Files?

- A. WebConsole -> System Information
- B. Status -> Log files
- C. OSGI -> Sing Log Service
- D. AEM -> Log files

**Answer: B**

#### NEW QUESTION 51

A developer creates a template-type for building editable templates.

The resulting editable templates and pages must always contain a specific layoutcontainer that can NOT be deleted by the author.

How should the developer meet this requirement?

- A. Add the layout container component to the structure section of the template-type
- B. Add the layout container component by including it on the actual page component
- C. Add a content policy to the template-type to disable the removal of the layout container
- D. Add the layout container component to the initial section of the template-type

**Answer: D**

#### NEW QUESTION 54

A developer is creating a custom component that shows a list of pages. For each page, the following items must be shown:

\* Title of the page

\* Description of the page

\* A button with fixed text "Read more" that must be translatable All of the above fields must be wrapped in a <div> tag.

The logic for obtaining the list of pages must be reusable for future components. Which snippet should the developer use to meet these requirements?

**A**

```
<sly data-sly-use.model="com.example.Component"/>
<div data-sly-list="{model.pages}">
  <p>${item.title}</p>
  <p>${item.description}</p>
  <a href= "${item.link}">${"Read more" @ .translate} <a>
</div>
```

**B**

```
<sly data-sly-load.model="com.example.Component"/>
<div data-sly-list.page="{model.pages}">
  <p>${page.title}</p>
  <p>${page.description}</p>
  <a href= "${page.link}">${"Read more" @ i18n} <a>
</div>
```

**C**

```
<sly data-sly-use.model="com.example.Component"/>
<div data-sly-list="{model.pages}">
  <p>${item.title}</p>
  <p>${item.description}</p>
  <a href= "${item.link}">${"Read more" @ .i18n} <a>
</div>
```

**D**

```
<sly data-sly-use.model="com.example.Component"/>
<div data-sly-list="{model.pages}">
  <p>${model.title}</p>
  <p>${model.description}</p>
  <a href= "${item.link}">${"Read more" @ .translate} <a>
</div>
```

- A. Option A
- B. Option B

- C. Option C
- D. Option D

**Answer:** C

**Explanation:**

<https://docs.adobe.com/content/help/en/experience-manager-htl/using/htl/block-statements.html>

**NEW QUESTION 57**

A developer wants to extend AEM Core Components to create a custom Carousel Component. How should the developer extend the Core Components?

- A. Make changes to the original component and assign a component group.
- B. Use the sling:resourceSuperType property to point to the core component.
- C. Use the sling:resourceType property to point to the core component.
- D. Copy the Core Carousel component to /apps/<project> folder.

**Answer:** B

**NEW QUESTION 60**

For each CRX node in the hierarchy, which actions can be configured using the user admin interface?

- A. Read, Modify, Create, Delete, Read ACL, Edit ACL, Replicate
- B. Read, Write, Read ACL, Edit ACL, Replicate
- C. Read, Write, Delete, Edit ACL, Replicate
- D. Read, Modify, Create, Delete, Read ACL, Edit ACL

**Answer:** A

**NEW QUESTION 64**

A developer is working on an HTL script for a custom component. The script has the following requirements:

- \* This script must list the title of every child page of the current page.
- \* If a child page does not have any children, then its title should link directly to that page.
- \* If a child page has children, then the title of every one of its children should be listed beneath its title.
- \* The title of every grandchild page should link directly to that page. Which HTL script should the developer use to meet these requirements?

A

```
<ul data-sly-list.child="${currentPage.listChildren}">
  <li>
    <sly data-sly-test.grandchildren="${child.listChildren}">
      <b>${child.title}</b>
      <ul data-sly-list.grandchild="${grandchildren}">
        <li>
          <a href="${grandchild.path @ extension = 'html'}">${
{grandchild.title}</a>
        </li>
      </ul>
    </sly>
    <sly data-sly-test="${!grandchildren}">
      <a href="${child.path @ extension = 'html'}">${child.title}</a>
    </sly>
  </li>
</ul>
```

B

```
<ul data-sly-list.child="{currentPage.listChildren}">
  <li>
    <sly data-sly-test.grandchildren="{child.listChildren}">
      <b>{child.title}</b>
      <ul data-sly-list.grandchild="{grandchildren}">
        <li>
          <a href="{grandchild.path}">{grandchild.title}</a>
        </li>
      </ul>
    </sly>
    <sly data-sly-test="{!grandchildren}">
      <a href="{child.path}">{child.title}</a>
    </sly>
  </li>
</ul>
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

**Answer: B**

#### NEW QUESTION 67

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 QueryDebugger 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 PageManger service, then use the getPage(/content/blogs) to instantiate a Page object andthen 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 72

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. MavenInstall Plugin

**Answer: B**

#### NEW QUESTION 74

A custom AEM application contains Bundle A and Bundle B. Bundle A has a dependency to Bundle B via Import-Package. How can both bundles be deployed most efficiently across all environments?

- A. Use the Felix Web Console to upload the bundles in the correct order.
- B. Create one content package per bundle and use a package dependency to ensure installation order.
- C. Embed both bundles in one content package and use property 'installationOrder' in package properties for correct bundle installation order.
- D. Embed both bundles in one content package: the dependency via Import-Package is enough to ensure correct installation.

**Answer: D**

#### NEW QUESTION 77

Which two methods could a developer use to obtain a Session without using a deprecated API? (Choose two.)

A

```
ResourceResolverFactory resolverFactory;
if (null!=resolverFactory) {
    Map<String,Object> authenticationInfo = new HashMap<String,String>();
    authenticationInfo.put("username", "reposervice");
    Session session = resolverFactory.getAdministrativeResourceResolver(authen
ticationInfo, resolverFactory.getPassworg("reposervice")).adaptTo(Session.class);
}
```

B

```
SlingRepository repo;
if (null != repo) {
    Session session = repo.loginService(null, repo.getDefaultWorkspace());
}
```

C

```
SlingRepository repository;
if (null != repository) {
    Session session = repository.loginAdministrative("crx.default");
}
```

D

```
ResourceResolverFactory resolverFactory;
if (null != resolverFactory) {
    ResourceResolver resolver = resolverFactory.getServiceResourceResolver(null);
    Session session = resolver.adaptTo(Session.class);
}
```

E

```
ResourceResolverFactory resolverFactory;
if (null!=resolverFactory) {
    Map<String,Object> authenticationInfo = new HashMap<String,String>();
    authenticationInfo.put("username", "admin");
    authenticationInfo.put("password", "admin");
    Session session = resolverFactory.getAdministrativeResourceResolver(authen
ticationInfo).adaptTo(Session.class);
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D
- E. Option E

**Answer: BD**

#### NEW QUESTION 81

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 85

A developer developed a workflow that makes a copy of every node created or modified under a certain path to a different one. The workflow launches but the nodes are not copied over.

Which two methods should the developer use to resolve this issue? (Choose two.)

- A. Go to Workflow Failures screen and check if any instances of the workflow are present.
- B. Go to Workflow instances screen and verify that the instance of the workflow is present and check its status.

- C. Go to Package Manager screen and reinstall the bundle that contains the workflow so it restarts.
- D. Go to Workflow Models screen, then delete and recreate the workflow.
- E. Go to Workflow Launchers and create a new launcher for the workflow even if one already exists.

**Answer:** AB

#### NEW QUESTION 87

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 88

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 ACLs\* 2. Modify the Apache Sling Service User Mapper Service\* 3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"
- B. "1. Create an AEM User called systemUser with appropriate ACLs\* 2. Modify the Apache Sling Service User Mapper Service\* 3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"
- C. "1. Create a System User called systemUser with appropriate ACLs\* 2. Modify the Apache Sling Service User Mapper Service Amendment\* 3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"
- D. "1. Create an AEM User called systemUser with appropriate ACLs\* 2. Modify the Apache Sling Service User Mapper Service Amendment\* 3. Set user.default to com.adobe.aem.samples-bundle:sample-service=systemUser"

**Answer:** A

#### NEW QUESTION 93

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