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NEW QUESTION: 1

An AEM application wants to set up multi-tenancy using Adobe-recommended best practices and bind multiple configurations to it. Which of the following options is recommended?

A. `import org.apache.felix.scr.annotations.Component; @Component(label = "My configuration", metatype = true, factory= true)`

B. `import org.osgi.service.component.annotations.Component; @Component(service = ConfigurationFactory.class)`

C. `import org.osgi.service.metatype.annotations.AttributeDefinition; import org.osgi.service.metatype.annotations.ObjectClassDefinition; @ObjectClassDefinition(name = "My configuration")`

D. `@Component(service = ConfigurationFactory.class) @Designate(ocd = ConfigurationFactoryImpl.Config.class, factory=true)`

Answer: D ([LEAVE A REPLY](#))

Explanation

The `@Component(service = ConfigurationFactory.class) @Designate(ocd = ConfigurationFactoryImpl.Config.class, factory=true)` option is recommended for creating a multi-tenancy configuration and binding multiple configurations to it. This option uses the OSGi R6 annotations to define a component that provides a service of type `ConfigurationFactory` and designates a class that contains the configuration properties. The `factory=true` attribute indicates that multiple configurations can be created for this component.

References: <https://experienceleague.adobe.com/docs/experience-manager-65/deploying/configuring/osgi-configu>

NEW QUESTION: 2

An AEM Developer receives requirements for Sling Models in a human-readable yaml format. A custom application needs to be built. The dependency is as shown:

A. 1. Create OSGI models to export as yaml

2. Configure mime type in Apache Sling MIME Type Service

B. 1. Create OSGi models to export as yaml

2. Configure mime type in Apache Sling Servlet/Script Resolver and Error Handler

C. 1. Create Sling models to export as yaml

2. Configure mime type in Apache Sling MIME Type Service

D. 1. Create Sling models to export as yaml

2. Configure mime type in Apache Sling Referrer Filter

Answer: (SHOW ANSWER)

Explanation

To create Sling Models that can export data in a human-readable yaml format, the following steps are required:

* Create Sling models to export as yaml. Sling models are Java classes that can be used to represent resources in AEM. Sling models can use annotations to define how they can be adapted from a resource and how they can export data in different formats. To export data in yaml format, the Sling model class needs to use the `@Model` annotation with the `resourceType` parameter set to the resource type of the resource that the model represents. The Sling model class also needs to implement the `org.apache.sling.models.annotations.Exporter` annotation with the `name` parameter set to "jackson" and the `extensions` parameter set to "yaml". The Sling model class also needs to use the `@JsonProperty` annotation on the fields or methods that need to be exported in yaml format.

* Configure mime type in Apache Sling MIME Type Service. The Apache Sling MIME Type Service is an OSGi service that maps file extensions to MIME types and vice versa. To enable the yaml format for Sling models, the MIME Type Service needs to be configured with a new entry for the yaml extension and its corresponding MIME type, which is "application/x-yaml". This can be done by creating an OSGi configuration for the `org.apache.sling.commons.mime.internal.MimeTypeServiceImpl` service and adding the entry "yaml=application/x-yaml" to the `mime.types` property. References:

<https://sling.apache.org/documentation/bundles/models.html>

<https://sling.apache.org/documentation/bundles/mime-type-support-commons-mime.html>

NEW QUESTION: 3

An AEM application development team is assigned a task to create an Event-Driven Data Layer implementation for an Analytics solution.

Which Adobe recommended best practice should the developer choose?

A. Use Adobe Experience Platform's data layer to integrate with AEM.

B. Create a custom data layer and add each component template, and its properties to the data layer

C. Use Adobe Client Data Layer and integrate with Core components.

D. Create an Adobe Cloud Service configuration to use third-party tool's data layer.

Answer: C (LEAVE A REPLY)

Explanation

Adobe Client Data Layer is a JavaScript library that provides a standardized way to collect, structure, and manage data on a web page. It can be used to implement an event-driven data layer for analytics solutions. It integrates with Core components and allows authors to configure data layer properties for each component. It also supports custom events and data sources. References:

<https://experienceleague.adobe.com/docs/experience-manager-core-components/using/developing/data-layer.htm>

NEW QUESTION: 4

An application development team needs to create a multi-channel application that uses AEM as a headless CMS. Which feature should be used to maintain structured data for this application?

- A. Static template
- B. Content fragment
- C. Experience fragment
- D. Custom component

Answer: B ([LEAVE A REPLY](#))

Explanation

A content fragment is a reusable piece of content that can be authored and managed independently from a page. Content fragments are based on structured data models that define the elements and data types of the content. Content fragments can be delivered as JSON using various APIs, such as Assets HTTP API, Content Fragments REST API, or Content Fragments GraphQL API. Content fragments are suitable for creating multi-channel applications that use AEM as a headless CMS. References:

<https://experienceleague.adobe.com/docs/experience-manager-learn/foundation/headless/introduction-to-headless>

NEW QUESTION: 5

An AEM application wants to set up multi-tenancy using Adobe-recommended best practices and bind multiple configurations to it. Which of the following options is recommended?

- A. `import org.osgi.service.metatype.annotations.AttributeDefinition;`
`import org.osgi.service.metatype.annotations.ObjectClassDefinition;`
`@ObjectClassDefinition(name = "My configuration")`
- B. `import org.osgi.service.component.annotations.Component;` `@Component(service = ConfigurationFactory.class)`
- C. `import org.apache.felix.scr.annotations.Component;` `@Component(label = "My configuration", metatype = true, factory = true)`
- D. `@Component(service = ConfigurationFactory.class)`
`@Designate(ocd = ConfigurationFactoryImpl.Config.class, factory = true)`

Answer: (SHOW ANSWER)

Explanation

The `@Component(service = ConfigurationFactory.class)` `@Designate(ocd = ConfigurationFactoryImpl.Config.class, factory = true)` option is recommended for creating a multi-tenancy configuration and binding multiple configurations to it. This option uses the OSGi R6 annotations to define a component that provides a service of type `ConfigurationFactory` and designates a class that contains the configuration properties. The `factory = true` attribute indicates that multiple configurations can be created for this component.

References:<https://experienceleague.adobe.com/docs/experience-manager-65/deploying/configuring/osgi-configu>

NEW QUESTION: 6

Refer to the exhibit.

The current page has three children.

What is the final rendered html output for the code snippet?

A.

B.

C.

Answer: B ([LEAVE A REPLY](#))

Explanation

Option B is the final rendered html output for the code snippet. The code snippet uses the data-sly-list block statement to iterate over the child pages of the current page. The data-sly-list statement assigns each child page to a variable named page and provides an index variable named i. The code snippet then uses the data-sly-test block statement to check if the index is odd or even and applies a different CSS class accordingly. The code snippet also uses the data-sly-element block statement to create an HTML element with the name specified by the elementName variable. The code snippet also uses the data-sly-attribute block statement to add an attribute with the name specified by the attrName variable and the value specified by the attrValue variable. The code snippet also uses the data-sly-resource block statement to include a resource with the path specified by the page.path variable and the resourceType specified by the resourceType variable.

References:<https://experienceleague.adobe.com/docs/experience-manager-htl/using-htl/htl-block-statements.htm>

NEW QUESTION: 7

What two types of testing are available OOB in AEM Cloud Manager Pipeline? (Select Two.)

A. Code Quality testing

B. Performance testing

C. UI testing

D. Penetration testing

E. Integration testing

Answer: A,C ([LEAVE A REPLY](#))

Explanation

Code Quality testing and UI testing are two types of testing that are available OOB in AEM Cloud Manager Pipeline. Code Quality testing checks the code quality of the project using SonarQube and reports any issues or vulnerabilities. UI testing checks the functionality and usability of the project using Selenium WebDriver and reports any errors or failures. References:

<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/testing/testing-overvi>

<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/testing/code-quality-t>

NEW QUESTION: 8

In an AEM as a Cloud Service environment, which repository areas are considered as immutable?

- A. /content and /libs
- B. /content and /etc
- C. /apps and /libs
- D. /apps and /content

Answer: C (LEAVE A REPLY)

Explanation

In AEM as a Cloud Service environment, the repository areas /apps and /libs are considered as immutable, meaning that they cannot be modified at runtime by any means. These areas contain application code and configuration that are deployed via Cloud Manager and are read-only for security and performance reasons. Any changes to these areas require a new deployment via Cloud Manager. References:
<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/deploying/overview.h>

NEW QUESTION: 9

A snippet throws an exception at runtime:

```
@Model(adaptables = {Resource.class}) public class MyCustomModel {  
(SlingObject  
private Resource resource;
```

What should the developer add to fix it?

- A. defaultInjectionStrategy = DefaultInjectionStrategy property to @Model Class annotation
- B. (Optional annotation to page field
- C. throws Exception at the end of the init method declaration
- D. SlingHttpServletRequest.class to adaptables property of Model Class annotation

Answer: A (LEAVE A REPLY)

Explanation

The developer should add the defaultInjectionStrategy = DefaultInjectionStrategy property to the @Model Class annotation to fix the snippet. The defaultInjectionStrategy property defines how the Sling Model handles missing or null values for the injected fields. By default, the Sling Model uses the REQUIRED injection strategy, which means that all fields must have a non-null value or else an exception is thrown. By setting the defaultInjectionStrategy property to OPTIONAL, the Sling Model allows null values for the injected fields and does not throw an exception. This way, if the page field is null because the resource is not a page, the Sling Model can still work without errors. References:

<https://sling.apache.org/documentation/bundles/models.html><https://sling.apache.org/documentation/bundles/mod>

NEW QUESTION: 10

An AEM server is overloaded with too many concurrently running workflows. The developer decides to reduce the number of concurrent workflows.

What should be configured to reduce the number of concurrent workflows?

- A. The number of threads in Scheduler
- B. The number of threads in Apache Felix Jetty Http Service
- C. Launchers for each workflow
- D. Maximum Parallel Jobs in OSGi console

Answer: D ([LEAVE A REPLY](#))

Explanation

Maximum Parallel Jobs is a configuration property that controls how many workflows can run concurrently on an AEM instance. Reducing this value can help to avoid overloading the server with too many workflows.

NEW QUESTION: 11

What is the recommended path to override /libs standard functionality?

- A. /conf
- B. /apps
- C. /content
- D. /libs

Answer: (SHOW ANSWER)

Explanation

The recommended path to override /libs standard functionality is /apps. The /apps folder contains application-specific code and configuration that can extend or override the default functionality provided by /libs. The /apps folder has precedence over the /libs folder, meaning that if there are two resources with the same path under both folders, the one under /apps will be used. References:

<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/developing/aem-proje>

NEW QUESTION: 12

A developer needs to create a runmode-specific OSGi configuration for an AEM as a Cloud Service implementation. In which location should the OSGi configuration be created?

- A. core project, (/core/.../config <runmode>) folder
- B. ui.config project, (/config/.../config.<runmode>) folder
- C. all project, (/all/.../config.<runmode>) folder
- D. ui.apps project (/apps/.../config.<runmode>) folder

Answer: B ([LEAVE A REPLY](#))

Explanation

The ui.config project, (/config/.../config.<runmode>) folder is the location where the OSGi configuration should be created for a runmode-specific configuration for an AEM as a Cloud Service implementation. The ui.config project contains OSGi configurations that are deployed to /apps in the repository. The config.<runmode> folder specifies the runmode for which the configuration is applicable, such as author or publish.

References:<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/deploying>

NEW QUESTION: 13

A developer needs to create a workflow custom process step in AEM. In a custom process step, an OSGi component needs to implement the WorkflowProcess interface.

Which method should the developer implement?

- A. call
- B. apply
- C. execute
- D. submit

Answer: C (LEAVE A REPLY)

Explanation

The WorkflowProcess interface is the interface to be used for automatic workflow steps implemented in Java. Classes implementing this interface define Java based processes that can be attached to a WorkflowNode and executed by the workflow engine. The method execute takes a WorkItem, a WorkflowSession and a MetadataMap as parameters and performs the logic of the custom process step. References:

<https://developer.adobe.com/experience-manager/reference-materials/6-5/javadoc/com/adobe/granite/workflow/e>

NEW QUESTION: 14

A developer has to create a Logger and Writer pair for the company's application logging. Which OSGi configurations should the developer use?

- A. Apache Sling Logging Logger Configuration and Apache Sling Logging Configuration
- B. Apache Sling Request Logger and Apache Sling Logging Writer Configuration
- C. Apache Sling Logging Logger Configuration and Apache Sling Logging Writer Configuration

Answer: C (LEAVE A REPLY)

Explanation

The Apache Sling Logging Logger Configuration and Apache Sling Logging Writer Configuration are the OSGi configurations that the developer should use to create a Logger and Writer pair for the company's application logging. The Logger Configuration defines the log level and the log file name for a given logger name or category. The Writer Configuration defines the file size, number of files, and file location for a given log file name.

References:<https://experienceleague.adobe.com/docs/experience-manager-65/deploying/configuring/configure-lo>

NEW QUESTION: 15

Which configuration must be applied to enable re-fetching of cached items based on Cache Headers sent by AEM?

- A. /autoInvalidate true
- B. /autoInvalidate "1"
- C. /enableTTLtrue
- D. /enableTTL "1"

Answer: D (LEAVE A REPLY)

Explanation

The /enableTTL "1" configuration must be applied to enable re-fetching of cached items based on Cache Headers sent by AEM. This configuration enables the Time To Live (TTL) feature of dispatcher, which allows dispatcher to check the Cache-Control and Expires headers of the cached files and re-fetch them from AEM if they are expired.

References:<https://experienceleague.adobe.com/docs/experience-manager-dispatcher/using/configuring/page-inv>

NEW QUESTION: 16

An AEM Developer needs to create a new component to help support a new product launch.

- * The client is on AEM 6.5 on-premise with the latest version of WCM Core Components
- * The component must include text, image, and a link
- * The component must support multiple designs

Which process should the AEM Developer use to support the launch?

- A.** 1. Extend the Teaser Component from Core Components
2. Create style variations to be used in the Style System
- B.** 1. Create a new component by extending the Text Component from Core Components
2. Add dialog properties and modify HTL to support images
- C.** 1. Extend the Text Component from Core Components
2. Enable image manipulations for the Text Component via policy
- D.** 1. Create a new Image with Text component that exposes the Core Components authoring dialogs for those components
2. Add a policy to define which designs are used

Answer: A ([LEAVE A REPLY](#))

- * Extend the Teaser Component from Core Components
- * Create style variations to be used in the Style System** Comprehensive Explanation of Correct Answer Only:
The Teaser Component from Core Components is a component that allows authors to display a title, description, image and link for a teaser item. The component supports multiple designs and can be extended to add custom features or logic. The Style System allows authors to define style variations for components without requiring code changes or new templates. References:

<https://experienceleague.adobe.com/docs/experience-manager-core-components/using/components/teaser.h>

<https://experienceleague.adobe.com/docs/experience-manager-core-components/using/components/style-sy>

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NEW QUESTION: 17

Which AEM dependency provides APIs for all AEM environments?

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

Answer: C ([LEAVE A REPLY](#))

Explanation

Option C is the AEM dependency that provides APIs for all AEM environments. Option C uses the uber-jar dependency with the provided scope and the classifier set to apis. The uber-jar dependency contains all the public Java APIs that are available in AEM. The provided scope indicates that the dependency is not required for runtime, as it is already provided by the AEM platform. The apis classifier indicates that only the API classes are included in the dependency, not the implementation classes. References:

<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/developing/aem-proje>

NEW QUESTION: 18

A custom component has one dialog field:

The developer needs to implement a Sling Model to perform a business logic on the authored value. The developer writes the following HTL snippet.

Which two implementations will support this HTL snippet? (Choose two.)

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

Answer: B,D ([LEAVE A REPLY](#))

Explanation

Option B and Option D are two implementations that will support the HTL snippet. Option B uses the `@Model` annotation with the `adaptables` parameter set to `Resource.class`. This allows the Sling Model to adapt from a resource object and access its properties using the `ValueMap` interface. Option B also uses the `@Inject` annotation with the `name` parameter set to `"/text"` to inject the value of the text property into the text field. Option D uses the `@Model` annotation with the `defaultInjectionStrategy` parameter set to `OPTIONAL`. This allows the Sling Model to use optional injection for all fields and avoid null pointer exceptions if a property is missing. Option D also uses the `@Inject` annotation without any parameters to inject the value of the text property into the text field, using the field name as the default property name. References:

<https://sling.apache.org/documentation/bundles/models.html><https://experienceleague.adobe.com/docs/experience>

NEW QUESTION: 19

Which tool should a developer use to look up Adobe Identity Management System (IMS) users by email and return their IMS IDs?

- A. Developer Console
- B. User Mapping Tool

- C. IMS Lookup Tool
- D. Cloud Acceleration

Answer: C (LEAVE A REPLY)

Explanation

The IMS Lookup Tool is a tool that allows looking up Adobe Identity Management System (IMS) users by email and returning their IMS IDs. The IMS Lookup Tool is available in the Cloud Manager UI under the Tools menu. The IMS Lookup Tool can be used to find the IMS IDs of users who need to be added to Cloud Manager programs or environments. References:

<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/using-cloud-manager>

NEW QUESTION: 20

What is Out of Scope for the Pattern Detector tool, while doing an AEM upgrade?

- A. OSGi bundles exports and imports mismatch
- B. Backward Compatibility with the previous AEM Version
- C. Definitions of Oak indices for compatibility
- D. rep:User nodes compatibility (in context of OAuth configuration)

Answer: B (LEAVE A REPLY)

Explanation

Backward Compatibility with the previous AEM Version is out of scope for the Pattern Detector tool, while doing an AEM upgrade. The Pattern Detector tool is a tool that scans an existing AEM code base and identifies patterns that are incompatible with AEM as a Cloud Service or newer versions of AEM on-premise.

The tool does not check for backward compatibility with older versions of AEM, as this is not a requirement for upgrading. References:

<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/moving/cloud-migration/pattern-det>

NEW QUESTION: 21

SPA components are connected to AEM components via the MapTo() method.

Which code should be used to correctly connect an SPA component called ItemList to its AEM equivalent?

- A. ('project/components/content/itemList,).MapTo(ItemList,ItemListEditConfig);
- B. MapToCproject/cornponents/content/itemList^ItemListJtemListEditConfig);
- C. ItemList.MapToCproject/components/content/itemList1);
- D. MapTo(ItemList)('project/components/content/itemList,,ItemListEditConfig);

Answer: (SHOW ANSWER)

Explanation

The MapTo() method is used to map a SPA component to an AEM component by specifying the sling:resourceType of the AEM component as an argument. The MapTo() method should be called on the SPA component and not on a string. The second argument of the MapTo() method is optional and can be used to provide an edit configuration for the SPA component.

NEW QUESTION: 22

The OSGi configuration is added to a runmode specific configuration "config.author.staging" in AEM as a Cloud Service. The application fails to read the configuration.

What is a possible cause of this issue?

- A.** The custom OSGi configuration runmode used (i.e., "config.author.staging") is not supported in AEM as a Cloud service.
- B.** OSGi configuration runmodes cannot be installed automatically on AEM as a Cloud Service. We need to install them as a package using the Package manager.
- C.** AEM as a Cloud service does not support OSGi configuration runmodes.
- D.** Only <service> specific OSGi configuration runmodes like "config.author" or "config.publish" are supported in AEM as a Cloud service.

Answer: ([SHOW ANSWER](#))

Explanation

AEM as a Cloud Service does not support custom OSGi configuration runmodes, such as "config.author.staging". Only <service> specific OSGi configuration runmodes, such as "config.author" or "config.publish", are supported. These runmodes are used to apply configurations to specific services, such as author or publish. The <service> specific runmodes can be combined with environment variables to achieve different configurations for different environments. References:
<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/implementing/deploying/configuring>

NEW QUESTION: 23

In a non-optimized website, the final HTML generated for a typical page by publish instance includes a relatively large number of <script> elements that refer to other script files loaded from AEM environment. The developer wants to minimize these network calls by combining all required client library code into a single file to reduce the number of back-and-forth requests on page load.

Which step should a developer take to solve this issue?

- A.** Embed the required libraries into an app-specific client library using the allowProxy property of the cq:ClientLibraryFolder node
- B.** Add the categories property of the cq:ClientLibraryFolder node into an app-specific client library folder
- C.** Embed the required libraries into an app-specific client library using the dependencies property of the cq:ClientLibraryFolder node
- D.** Embed the required libraries into an app-specific client library using the embed property of the cq:ClientLibraryFolder node

Answer: **C** ([LEAVE A REPLY](#))

Explanation

The embed property of the cq:ClientLibraryFolder node allows embedding code from a client library into another client library. At runtime, the generated JS and CSS files of the embedding library include the code of the embedded library. This reduces the number of network calls and improves performance. Embedding code is useful for providing access to libraries that are stored in secured areas of the repository. References:
<https://experienceleague.adobe.com/docs/experience-manager-cloud-service/content/implementing/developing/fu>

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