

## Adobe.AD0-E717.v2024-07-05.q56

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### NEW QUESTION: 1

What is an advantage of the read-only core file system using Adobe Commerce Cloud?

- A. Ensures that all changes to the production environment are tracked.
- B. Improves website performance.
- C. Reduces the number of attackable surfaces significantly

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

Explanation

The read-only core file system in Adobe Commerce Cloud means that the core files of the Magento application cannot be modified. This significantly reduces the number of attackable surfaces on the website, making it more secure.

### NEW QUESTION: 2

Which file is used to add a custom router class to the list of routers?

- A. routes.xml
- B. di.xml
- C. config.xml

**Answer: (SHOW ANSWER)**

To add a custom router class to the list of routers in Magento, the routes.xml file is used. This file should be located in the etc directory of the module, under the appropriate area (either frontend or adminhtml). Within the routes.xml file, you define a router with an ID, a route with an ID and frontName, and specify the module that the route corresponds to. This setup allows Magento to recognize and utilize the custom router when processing URLs, directing requests to the appropriate controllers based on the custom routing logic defined.

### NEW QUESTION: 3

What will happen if a developer fails to mention the start date in the "From" field when creating a price rule?

- A. The price rule will not be saved.
- B. The price rule will go into effect as soon as it is saved
- C. The price rule will be saved, but it will not go into effect until the start date is added

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

If a developer fails to mention the start date in the "From" field when creating a price rule, the price rule will be saved. However, the price rule will not go into effect until the start date is added. If a developer fails to mention the start date in the "From" field when creating a price rule in Adobe Commerce, the system will default to the current date, and the price rule will go into effect as soon as it is saved. The absence of a start date means there is no delay in the activation of the rule, and it becomes effective immediately upon saving.

#### **NEW QUESTION: 4**

In which two directories are third-party modules located by default? (Choose two.)

- A. vendor/
- B. app/packages/
- C. app/modules/
- D. app/code/

**Answer: ([SHOW ANSWER](#))**

Explanation

By default, third-party modules are located in vendor/ or app/code/ directories. The vendor/ directory contains modules that are installed using Composer, while the app/code/ directory contains modules that are manually copied or cloned from a repository.

#### **NEW QUESTION: 5**

A developer defined a new table in db.schema.xml while creating a new module.

What should be done to allow the removal of columns from the database when deleting them from db.schema.xml?

- A. The removable columns should be defined in db\_schema\_whitelist.json.
- B. The columns should have "removable" attribute set to "true" in the db.schema.xml.
- C. The removable columns should be defined in db.schema\_blacklist.json.

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

Explanation

If a developer wants to allow the removal of columns from the database when deleting them from db.schema.xml, they need to define the removable columns in the db\_schema\_whitelist.json file. This file will tell Magento which columns can be removed from the database.

#### **NEW QUESTION: 6**

A developer is working on a task that includes a custom controller creation. A controller should forward the request to a different action.

How can the developer complete this task?

- A. Specify the forward action in the controllerjorward.xml configuration file.
- B. Implement a forwardToAction method in the controller, and return the action where the request should be forwarded.
- C. Return the forward object with action as an argument in the object's forward method

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

To forward the request to a different action, the developer can use the following code in the controller:

```
return $resultForward->forward('action');
```

where \$resultForward is an instance of \Magento\Framework\Controller\Result\ForwardInterface and 'action' is the name of the action where the request should be forwarded.

There is no controllerjorward.xml configuration file or forwardToAction method in Adobe Commerce.

Verified Reference: [Adobe Commerce Developer Guide - Forward action result] In Magento, to forward a request from one controller action to another, a developer can utilize the forward method available in the controller action class. This is achieved by returning a result from the action method that instructs Magento to forward the request to another action. The forward object is obtained by calling the \$this->resultForwardFactory->create() method within the controller action. Then, the target action is specified by calling the forward method on this object with the action name as the argument, such as \$resultForward->forward('targetAction'). This approach is consistent with Magento's emphasis on using result objects to control the flow of request processing within its MVC architecture.

#### **NEW QUESTION: 7**

What folder would a developer place a custom patch on an Adobe Commerce Cloud project to have it automatically applied during the build phase?

- A. Add the patch file to the m2-hotfixes/ directory
- B. Add the patch file to the m2-patches/ directory
- C. Add the patch file to the patches/ directory

**Answer: ([SHOW ANSWER](#))**

#### **NEW QUESTION: 8**

Which type of product would assist a seller who would like to offer an electronic version of an album for sale and sell each song individually?

- A. Downloadable
- B. Simple
- C. Configurable

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

The type of product that would assist a seller in offering an electronic version of an album and selling each song individually is a Downloadable product. In Adobe Commerce, a Downloadable product type is specifically designed for selling digital products such as music files, which

customers can download. This type of product allows sellers to upload individual songs and sell them separately or as part of a complete album.

#### **NEW QUESTION: 9**

A new custom module is built for the existing Adobe Commerce store. A merchant has requested a few frontend updates. For this, a developer has to implement a custom style.

What is the location of the less file that will be included by default?

- A. `view/{area}/web/css/style less`
- B. `view/{area}/web/css/source/main less`
- C. `view/{area}/web/css/source/_module.less`

**Answer: B (LEAVE A REPLY)**

Explanation

The `view/{area}/web/css/source/main.less` file is the default less file that is included by default. This file contains the main styles for the module.

#### **NEW QUESTION: 10**

A new custom module is built for the existing Adobe Commerce store. A merchant has requested a few frontend updates. For this, a developer has to implement a custom style.

What is the location of the less file that will be included by default?

- A. `view/{area}/web/css/style less`
- B. `view/{area}/web/css/source/main less`
- C. `view/{area}/web/css/source/_module.less`

**Answer: (SHOW ANSWER)**

The `view/{area}/web/css/source/main.less` file is the default less file that is included by default. This file contains the main styles for the module.

In a custom module in Adobe Commerce, the default location for including custom LESS styles is typically `view/{area}/web/css/source/_module.less`. However, the most commonly used file for adding global styles is `view/{area}/web/css/source/_extend.less`. The `view/{area}/web/css/style.less` file is not standard, and the `main.less` file is used as an entry point for compilation but typically does not contain custom styles directly.

#### **NEW QUESTION: 11**

Which CLI command should be used to determine that static content signing is enabled?

- A. `bin/magento config:show dev/static/sign/status`
- B. `bin/magento config:show dev/static/sign`
- C. `bin/magento config:show dev/static/status`

**Answer: (SHOW ANSWER)**

Explanation

This command will show the value of the configuration setting for static content signing, which is either 1 (enabled) or 0 (disabled)<sup>12</sup>. The other commands are not valid and will return an error message. Static content signing is a feature that allows Magento to invalidate the browser cache

for static resources by adding a deployment version to the URL of static files<sup>12</sup>. This ensures that the browser will load the updated version of the files after running the `setup:static-content:deploy` command<sup>12</sup>.

### NEW QUESTION: 12

Which log file would help a developer to investigate 503 errors caused by traffic or insufficient server resources on an Adobe Commerce Cloud project?

- A. `cloud.log`
- B. `access.log`
- C. `mysql-slow.log`

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

### NEW QUESTION: 13

A developer is making customizations in the checkout, and access to the quotes shipping address is needed. Which file provides the shipping address of the current quote?

- A. `Magento_Checkout/js/model/quote`
- B. `Magento_Quote/js/model/model`
- C. `Magento_Checkout/js/model/quote-shipping-address`

**Answer: (SHOW ANSWER)**

This file provides the shipping address of the current quote by using the `getShippingAddress()` method. For example, the following code snippet gets the shipping address from the quote object and logs it to the console:

```
define([
'Magento_Checkout/js/model/quote'
], function (quote) {
'use strict';
var shippingAddress = quote.getShippingAddress();
console.log(shippingAddress);
});
```

The file `Magento_Quote/js/model/model` does not exist in Magento 2, and the file `Magento_Checkout/js/model/quote-shipping-address` is not a valid way to access the shipping address of the current quote. You can read more about the quote object and its methods in the Magento 2 developer documentation.

In Adobe Commerce, the shipping address of the current quote is accessed through the JavaScript file `Magento_Checkout/js/model/quote`. This file includes various quote-related data, including shipping and billing addresses, items in the cart, and totals. There is no `Magento_Checkout/js/model/quote-shipping-address` file, and `Magento_Quote/js/model/model` is not a valid path, making option A the correct choice.

### NEW QUESTION: 14

Which two actions will the developer need to take to translate strings added in JS files? (Choose two.)

- A. `define ([  
'jquery',  
'mage/translate'  
], function ($, $t) {.;`
- B. `$ trans( ,<string>')`
- C. `$.mage.__('<string>');`
- D. `translate('<string>');`

**Answer:** ([SHOW ANSWER](#))

To translate strings added in JavaScript files in Adobe Commerce, developers need to use the `mage/translate` RequireJS module along with the `$.mage.__('<string>')` function to mark strings for translation. This approach ensures that any text strings embedded within JavaScript code can be localized according to the store's current locale, providing a consistent and accessible user experience across different languages and regions. The `mage/translate` module and the `$.mage.__()` function work together to retrieve the corresponding translated strings from Magento's translation dictionaries, dynamically replacing the original text in the JavaScript code with the appropriate translations.

#### NEW QUESTION: 15

Which command should be used to refresh the cache using the command line?

- A. `magentocacheclean<type>`
- B. `magentocacherefresh<type>`
- C. `magentocachedelete<type>`

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

To refresh the cache using the command line in Magento, the command `bin/magento cache:clean <type>` is used. This command clears the cache for the specified type, such as configuration, layout, or block HTML. Cleaning the cache is an essential maintenance task that helps to update the store's frontend with the latest changes and ensure that customers see the most current content. This command is particularly useful during development or after making changes to the store's configuration or layout.

#### NEW QUESTION: 16

Which file is used to add a custom router class to the list of routers?

- A. `routes.xml`
- B. `di.xml`
- C. `config.xml`

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

Explanation

The `routes.xml` file is used to define the list of routers for Adobe Commerce. A custom router class can be added to the list of routers by adding a new entry to the `routes.xml` file.

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#### **NEW QUESTION: 17**

Which Cloud CLI for Commerce command can be used to quickly view a specific log file for an Adobe Commerce Cloud project?

- A. magento-cloud log
- B. magento-cloud logs:list
- C. magento-cloud logs:show

**Answer: C (LEAVE A REPLY)**

Explanation

The magento-cloud logs:show command can be used to quickly view a specific log file for an Adobe Commerce Cloud project. This command takes the name of the log file as an argument.

#### **NEW QUESTION: 18**

A merchant has noticed an error in the checkout. The accessed URL is /checkout.

Where can the developer find the responsible controller in the Magento.Checkout module?

- A. Controller/Index/Index.php
- B. Controller/Index/Checkout.php
- C. Controller/Checkout/Index.php

**Answer: (SHOW ANSWER)**

The controller responsible for handling the /checkout URL is located in Controller/Checkout/Index.php in the Magento.Checkout module1. This controller extends from \Magento\Checkout\Controller/Index/Index, which implements the execute() method that renders the checkout page1.

In the Magento\_Checkout module, the responsible controller for the /checkout URL can be found in Controller/Checkout/Index.php. This controller handles the index action for the checkout process, initiating the checkout page when a customer navigates to /checkout. The organization of controllers in Magento follows a convention where the URL path corresponds to the directory structure within the module, making it easier to locate and understand the functionality associated with specific routes.

#### **NEW QUESTION: 19**

What is the correct way to inject CMS block in a layout?

- A.** `<block class="Magento\Cms\Block\Block" name="blockjidentifier"> <arguments> q  
<argumentname="block_id"xsi:type="string">my_cms_block_identifier</argument> </arguments>  
</block>`
- B.** `<block class="Magento\Cms\Block\Block" name="block_identifier"> q  
<actionmethod="setBlock">my_cms_block_identifier</action> </block>`
- C.** `<referenceBlock name="content"> <block class="Magento\Cms\Block\Block"  
name="block_identifier' identifier="my_cms_block_Identrfier" /> </referenceBlock>`

**Answer:** ([SHOW ANSWER](#))

Explanation

To inject a CMS block in a layout, you can use the `<referenceBlock>` tag. The `<referenceBlock>` tag takes two attributes: the name of the block to inject and the identifier of the block. In this case, the block name is `block_identifier` and the identifier is `my_cms_block_identifier`.

### NEW QUESTION: 20

Which condition must be satisfied to ensure that a Discard Subsequent Rules option that is set to "Yes" actually prevents multiple discounts from being applied to the same product?

- A.** Each pricing rule must have From and To date.
- B.** Each pricing rule must have the defined priority.
- C.** Each pricing rule must be created with Coupon code

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

Explanation

The Discard Subsequent Rules option is only applied if the pricing rules have different priorities. If two pricing rules have the same priority, the discount from both rules will be applied.

### NEW QUESTION: 21

What action can be performed from the Cloud Project Portal (Onboarding UI) of an Adobe Commerce Cloud project?

- A.** Set your developer SSH public key.
- B.** Update Project and environment variables
- C.** Add a Technical Admin

**Answer:** ([SHOW ANSWER](#))

Explanation

The Cloud Project Portal (Onboarding UI) of an Adobe Commerce Cloud project is a web interface that allows you to perform various actions related to your project, such as creating and managing environments, deploying code, configuring services, and adding users<sup>1</sup>. One of the actions that you can perform from the Cloud Project Portal is adding a Technical Admin, which is a user role that has full access to all environments and can perform any action on the project<sup>2</sup>. To add a Technical Admin from the Cloud Project Portal, you need to follow these steps<sup>2</sup>:

Log in to the Cloud Project Portal with your Magento account credentials.

Click on the Users tab on the left sidebar.

Click on the Add User button on the top right corner.

Enter the email address of the user you want to add as a Technical Admin.

Select the Technical Admin role from the Role dropdown menu.

Click on the Send Invitation button.

The user will receive an email invitation to join your project as a Technical Admin. They will need to accept the invitation and set up their account before they can access your project2.

### NEW QUESTION: 22

How can a developer override a core class method in Adobe Commerce?

**A.** `<preference for='Magento\Catalog\Block\Product' type='Vendor\Module\Block\Product' />`

**B.** `<typename="Magento\Catalog\Block\Product"> q <rewrite class="Vendor\Module\Block\Product" /> </type>`

**C.** `<typename="Magento\Catalog\Block\Product*"> <arguments> q <argument name="rewrite" xsi:type="object">Vendor\Module\Block\Product</argument> </arguments> </type>`

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

To override a core class method in Adobe Commerce, the `<preference>` XML node is used in the `di.xml` file of a custom module. This node specifies that, for a given interface or class, Magento should use a different class (specified in the "type" attribute) whenever the original class is requested. This allows developers to extend or modify the functionality of core Magento components by substituting their own implementations in a way that is respectful of Magento's extension mechanisms.

### NEW QUESTION: 23

Which action, if any, can be taken to change the URL key of the product?

**A.** The product URL key is generated automatically, so it cannot be changed.

**B.** Use URL rewrite to map product id with the custom URL key.

**C.** In the product admin form, under the Search Engine Optimization fieldset, the URL key can be set

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

The URL key of a product is the text that is used to generate the product's URL. This text can be set by the merchant in the product admin form.

The URL key of a product in Adobe Commerce can be changed in the product admin form under the "Search Engine Optimization" fieldset. Here, the URL key can be set or edited manually, allowing for customization beyond the automatically generated value. This field is typically used to ensure that the product URL is search-engine friendly and relevant to the product.

### NEW QUESTION: 24

In a new release of a module, a developer decides to rename a table that was defined in the earlier versions. Which action, if any, allows the developer to prevent data loss?

**A.** Define `onCreate="migrateDataFromAnotherTable(old_table_name)"` attribute in the table tag.

**B.** Declarative schema supports `RENAME TABLE`, so the data will be migrated to the new table automatically.

C. Define the table and columns mapping in the db.schema\_whitelist.json

**Answer: C (LEAVE A REPLY)**

When renaming a table in Magento, to prevent data loss, the developer must define the table and its columns mapping in the db\_schema\_whitelist.json file. This declarative schema approach ensures that the data migration tool knows about the changes and can migrate data from the old table to the newly named table without losing any data.

**NEW QUESTION: 25**

A client would like to add an image icon in front of the telephone field to the shipping address form on a checkout page. What is the correct way to modify the UI component to set a custom template file for the field?

A.

```
...  
<item name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</item>  
...
```



B.

```
...  
<item name="telephone" xsi:type="array">  
<item name="config" xsi:type="array">  
<item name="elementTpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</item>  
</item>  
...
```



C.

```
...  
<block name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</block>  
...
```



D.

```
...  
<block name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</block>  
...  
...
```



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

**NEW QUESTION: 26**

How should a record be removed from a database which is using a model that was inherited from the

\Magento\Framework\Model\AbstractModel class?

- A. Call the "unset" method on this model object
- B. Call the "remove" method on this model object
- C. Call the "delete" method on this model object

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

Explanation

The "delete" method on the \Magento\Framework\Model\AbstractModel class is used to remove a record from the database. This method will also cascade the delete to any related records.

**NEW QUESTION: 27**

How are multiple EAV attributes belonging to the same entity grouped in the database?

- A. Based on the sizes of values they contain
- B. Based on all numeric values being stored in one table while text values are stored in the other
- C. Based on the types of values they contain

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

Multiple EAV attributes belonging to the same entity are grouped in the database based on their data types, such as datetime, decimal, int, text, or varchar. For example, all attributes with datetime values are stored in one table, while all attributes with text values are stored in another table.

The sizes or numeric/text values of attributes do not determine how they are grouped in the database.

Verified Reference: [Adobe Commerce Developer Guide - EAV data model]

Magento's EAV (Entity-Attribute-Value) model organizes attributes based on their data types to optimize storage and retrieval. Attributes are grouped into different tables based on whether they store values of types such as integer, varchar (text), decimal, datetime, etc. This organization allows Magento to efficiently manage the diverse data types associated with products, customers, and other entities, ensuring data integrity and optimizing database performance by using appropriate indexing and storage mechanisms for each data type.

**NEW QUESTION: 28**

Which action, if any, can be taken to change the URL key of the product?

- A. The product URL key is generated automatically, so it cannot be changed.
- B. Use URL rewrite to map product id with the custom URL key.
- C. In the product admin form, under the Search Engine Optimization fieldset, the URL key can be set

**Answer: ([SHOW ANSWER](#))**

## Explanation

The URL key of a product is the text that is used to generate the product's URL. This text can be set by the merchant in the product admin form.

### **NEW QUESTION: 29**

What is one purpose of a customer data JS library?

- A. It stores the customers credit card info for usage in the checkout.
- B. It stores private customer data in local storage
- C. It stores the customer's username and password for easier frontend login.

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

## Explanation

The customer data JS library is used to store private customer data in local storage. This data can be used to improve the customer's experience on the store, such as by remembering their shipping address or their preferred payment method.

### **NEW QUESTION: 30**

A product has been added to the Adobe Commerce Store, and it contains a value for the custom product attribute. A merchant reports that the attribute value is not displayed in the Additional Information tab on the product detail page.

Which action will correct this problem?

- A. The attribute must be moved to the specific group in the attribute set
- B. The attribute property "Use in Product Tab" must be set to "yes"
- C. The attribute property "Visible on Catalog Pages on Storefront" must be set to "yes".

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

The "Visible on Catalog Pages on Storefront" attribute property determines whether or not the attribute value is displayed in the Additional Information tab on the product detail page. If this property is set to "no", the attribute value will not be displayed.

For a custom product attribute to be displayed in the Additional Information tab on the product detail page in Magento, it needs to be visible on the catalog pages on the storefront. This visibility is controlled by the attribute property "Visible on Catalog Pages on Storefront". When this property is set to "yes", Magento includes the attribute in the Additional Information tab, making it visible to customers browsing the product. This setting ensures that only relevant and intended attributes are shown on the storefront, allowing for better product information management and customer experience.

### **NEW QUESTION: 31**

Which Magento project directory is the recommended webroot for the web server?

- A. Pub/
- B. app/
- C. bin/

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

The Pub/ directory is the recommended webroot for the web server in Magento. This is because it contains all of the static content that is used by the Magento store, such as images, CSS, and JavaScript files.

The recommended webroot for the web server in a Magento project is the pub/ directory. This directory is used to access Magento static files and is the safer option for webroot as it minimizes security risks by not exposing the entire application structure to the web.

The pub/ directory in Magento is designed to be the root directory for web servers. This design choice is intended to enhance security and efficiency by serving static files directly from this location, thereby reducing the need for PHP processing for these files. By setting the webroot to pub/, it ensures that only the necessary files are publicly accessible, protecting the application's core code and structure from external access. This setup is a recommended best practice in Magento development for maintaining a secure and well-organized file system structure.

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### **NEW QUESTION: 32**

On the Adobe Commerce Cloud Project Web Interface, what will be performed when clicking on the "Delete" button of an integration environment?

- A.** The environment is marked as "inactive", the git branch is still present but the database is deleted.
- B.** The environment is completely deleted. Including git branch and database.
- C.** The environment is marked as "inactive", the git branch and the database are still present.

**Answer: B (LEAVE A REPLY)**

On the Adobe Commerce Cloud Project Web Interface, clicking on the "Delete" button of an integration environment will completely delete the environment, including the associated git branch and database. This action is irreversible and is used to remove an environment that is no longer needed. The environment, once deleted, frees up resources for the project and cannot be restored.

### **NEW QUESTION: 33**

A developer is tasked with creating a new feature in an Adobe Commerce Cloud project. The developer decides to create an integration environment for a better development process.

Which Cloud CLI for Commerce command would the developer use?

- A.** `magento-cloud environment:branch <environment-name> <parent-environment-ID>`

**B.** magento-cloud create:environment-branch <environment-name> <parent-environment-ID>

**C.** magento-cloud environment:create:branch environment-name > <parent-environment-ID>

**Answer:** ([SHOW ANSWER](#))

The Cloud CLI for Commerce command that a developer would use to create an integration environment for a better development process is magento-cloud environment:branch <environment-name> <parent-environment-ID>. This command creates a new branch in the Git repository and a new environment in the Cloud project, using the specified parent environment as a base. The new environment inherits the code, data, and media files from the parent environment.

To create a new integration environment for development in an Adobe Commerce Cloud project, the developer would use the Cloud CLI for Commerce command: magento-cloud environment:branch <environment-name> <parent-environment-ID>. This command creates a new environment by branching from the specified parent environment, providing a separate environment for developing new features or testing without affecting the live site.

#### **NEW QUESTION: 34**

A developer has informed the Adobe Support team about a planned traffic surge on an Adobe Commerce Cloud project that will take place in a little over 48 hours.

What is an advantage of this prior notice?

**A.** When the traffic arrives, extra server resources will be available.

**B.** The project will temporarily use an upgraded Fastly plan

**C.** The Support team will monitor the website during that time

**Answer:** ([SHOW ANSWER](#))

Informing the Adobe Support team about a planned traffic surge allows them to monitor the website during that time. With prior notice, the support team can ensure that they are prepared to quickly respond to any issues that arise due to the surge. While extra server resources or an upgraded Fastly plan may be possible outcomes, the primary advantage of advance notice is proactive monitoring and support during expected high traffic events.

#### **NEW QUESTION: 35**

A developer would like to initialize a theme in Adobe Commerce. Which two files are required to complete this task? (Choose two.)

**A.** theme.less

**B.** registration.php

**C.** composer.json

**D.** themexml

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

Explanation

The two files that are required to initialize a theme in Adobe Commerce are registration.php and theme.xml.

The registration.php file registers the theme in the system and assigns a unique name to it. The theme.xml file declares the theme's title, parent theme, media directory, and preview image. The theme.less file is not required to initialize a theme, but it can be used to define global styles for the theme.

The composer.json file is not required to initialize a theme, but it can be used to manage dependencies and packages for the theme.

Verified References: [Adobe Commerce Developer Guide - Create a theme]

### **NEW QUESTION: 36**

What folder would a developer place a custom patch on an Adobe Commerce Cloud project to have it automatically applied during the build phase?

- A. Add the patch file to the m2-hotfixes/ directory
- B. Add the patch file to the patches/ directory
- C. Add the patch file to the m2-patches/ directory

**Answer: A (LEAVE A REPLY)**

On an Adobe Commerce Cloud project, a custom patch should be placed in the m2-hotfixes/ directory to have it automatically applied during the build phase. The patches in this directory are applied in alphabetical order and can be used to apply quick fixes to the code that will be included in the build artifact.

### **NEW QUESTION: 37**

Which index mode is valid?

- A. Update on refresh
- B. Update on invalidate
- C. Update on save

**Answer: C (LEAVE A REPLY)**

"Update on save" is a valid index mode in Magento, where the index is set to update automatically whenever a change is saved. This mode ensures that the index remains up-to-date with the latest data changes, such as product or category updates, immediately reflecting these changes on the storefront. This real-time indexing is crucial for maintaining data accuracy and consistency across the Magento site, especially in dynamic environments with frequent updates.

### **NEW QUESTION: 38**

A client would like to add an image icon in front of the telephone field to the shipping address form on a checkout page. What is the correct way to modify the UI component to set a custom template file for the field?

A.

```
...  
<item name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</item>  
...
```

B.

```
...  
<block name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</block>  
...  
...
```

C.

```
...  
<block name="telephone" xsi:type="array">  
<arguments name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</arguments>  
</block>  
...  
...
```

D.

```
...  
<item name="telephone" xsi:type="array">  
<item name="config" xsi:type="array">  
<item name="elementTmpl" xsi:type="string">%Vendor_Module%/form/element/%your_template%</item>  
</item>  
</item>  
...
```

**Answer: B (LEAVE A REPLY)**

To add an image icon in front of the telephone field in the shipping address form on the checkout page, the correct way is to modify the UI component by setting a custom template file for the field. The snippet in option B is the correct one because it uses the <block> element and sets the elementTmpl to the custom template path within the arguments node under the config node. This modification will instruct Magento to use the specified custom template file for rendering the telephone field, allowing for the addition of an image icon in front of it.

**NEW QUESTION: 39**

How should a developer display a custom attribute on the category edit page in the admin panel when a new module Vendor.Category is created?

- A. Create view/adminhtml/layout/catalog\_category\_edit.xml in the module, and then define a block that would display the field for the attribute.
- B. The field for the attribute will appear automatically.
- C. Create view/adminhtml/ui\_component/category\_form.xml file in the module, and then define the field for the attribute.

**Answer: A (LEAVE A REPLY)**

Explanation

To display a custom attribute on the category edit page in the admin panel, a developer should create a view/adminhtml/layout/catalog\_category\_edit.xml file in the module and define a block that would display the field for the attribute.

#### **NEW QUESTION: 40**

How can a custom CMS Page be set as a store home page?

- A. In the CMS Page admin grid, select the checkbox for the page under the "Home Page" column.
- B. In the CMS Page admin form, set the "Default Home Page" value to "yes"
- C. In the store configuration, set a custom CMS Page to be a CMS home page

**Answer: C (LEAVE A REPLY)**

Explanation

To set a custom CMS Page as a store home page, the developer or merchant should follow these steps:

In the Admin panel, go to Content > Pages and create or edit a CMS Page that will be used as a home page.

In the Admin panel, go to Stores > Configuration > General > Web > Default Pages.

In the CMS Home Page field, select the CMS Page that was created or edited in step 1.

Save the configuration.

There is no "Home Page" column in the CMS Page admin grid or "Default Home Page" value in the CMS Page admin form.

Verified References: [Adobe Commerce User Guide - Set up your home page]

#### **NEW QUESTION: 41**

Which action, if any, should be taken to enable filtering by attribute in the category's layered navigation?

- A. Select "With layered navigation" from the category's display mode
- B. Filtering by the attribute is enabled for every category automatically.
- C. Set the category's "Anchor" display setting to "yes".

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 42**

Which attribute option restricts Catalog EAV attributes to only certain product types?

- A. show.in
- B. apply\_to

C. allowed\_in

**Answer:** ([SHOW ANSWER](#))

Explanation

The allowed\_in attribute restricts Catalog EAV attributes to only certain product types. This attribute can be used to prevent certain attributes from being displayed on certain product types.

#### **NEW QUESTION: 43**

Which property allows multiple cron jobs to share the same configuration?

A. name

B. group

C. schedule

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

Explanation

The group property allows multiple cron jobs to share the same configuration. The group property defines the name of the cron group that the cron job belongs to. A cron group can have common settings such as schedule, status, and error email recipients.

Configure a custom cron job and cron group (tutorial) | Adobe Commerce

#### **NEW QUESTION: 44**

A developer is creating a class \Vendor\Module\Model\MyModel. How should that class be defined as transient in di.xml?

A. `<type name="\Vendor\Module\Model\MyModel" transient="true">`

B. `<type name="\Vendor\Module\Model\MyModel" singleton="false">`

C. `<type name="\Vendor\Module\Model\MyModel" shared="false">`

**Answer:** ([SHOW ANSWER](#))

To define a class as transient in Magento's di.xml, the correct approach is to set the shared attribute to "false" for that class. This tells Magento's object manager not to use the singleton pattern for this class, meaning a new instance will be created each time the class is requested. This is particularly useful for classes that should not maintain state across different areas of the application or during a single request lifecycle.

#### **NEW QUESTION: 45**

A merchant wants to include taxes in an Adobe Commerce store. Which option can have a tax class assigned to it?

A. Order

B. Shipping

C. Category

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

Explanation

According to the Adobe Commerce User Guide, a tax class can be assigned to either a product or a customer group in Adobe Commerce. A product tax class determines how a product is taxed,

while a customer tax class determines how a customer is taxed based on their location and group membership. Shipping is considered as a product tax class in Adobe Commerce, and it can be assigned to different shipping methods or rates. The other options are not valid for assigning a tax class.

**NEW QUESTION: 46**

Which CLI command should be used to determine that static content signing is enabled?

- A. bin/magento config:show dev/static/status
- B. bin/magento config:show dev/static/sign
- C. bin/magento config:show dev/static/sign/status

**Answer: B (LEAVE A REPLY)**

After a thorough search of the provided documents, I couldn't find a direct reference to the specific CLI command for determining if static content signing is enabled in Magento. However, the typical command for checking configuration settings in Magento is bin/magento config:show <path>, where <path> is the configuration path for the setting you wish to view. Based on Magento's configuration path patterns and the options provided, the most logical choice would be B. bin/magento config:show dev/static/sign, although this cannot be confirmed without further context or documentation.

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**NEW QUESTION: 47**

A product has been added to the Adobe Commerce Store, and it contains a value for the custom product attribute. A merchant reports that the attribute value is not displayed in the Additional Information tab on the product detail page.

Which action will correct this problem?

- A. The attribute must be moved to the specific group in the attribute set
- B. The attribute property "Use in Product Tab' must be set to "yes"
- C. The attribute property "Visible on Catalog Pages on Storefront" must be set to "yes".

**Answer: C (LEAVE A REPLY)**

Explanation

The "Visible on Catalog Pages on Storefront" attribute property determines whether or not the attribute value is displayed in the Additional Information tab on the product detail page. If this property is set to "no", the attribute value will not be displayed.

**NEW QUESTION: 48**

How are multiple EAV attributes belonging to the same entity grouped in the database?

- A. Based on the sizes of values they contain
- B. Based on all numeric values being stored in one table while text values are stored in the other
- C. Based on the types of values they contain

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

Explanation

Multiple EAV attributes belonging to the same entity are grouped in the database based on their data types, such as datetime, decimal, int, text, or varchar. For example, all attributes with datetime values are stored in one table, while all attributes with text values are stored in another table.

The sizes or numeric/text values of attributes do not determine how they are grouped in the database.

Verified References: [Adobe Commerce Developer Guide - EAV data model]

**NEW QUESTION: 49**

Which condition must be satisfied to ensure that a Discard Subsequent Rules option that is set to "Yes" actually prevents multiple discounts from being applied to the same product?

- A. Each pricing rule must have From and To date.
- B. Each pricing rule must have the defined priority.
- C. Each pricing rule must be created with Coupon code

**Answer: (SHOW ANSWER)**

The Discard Subsequent Rules option is only applied if the pricing rules have different priorities. If two pricing rules have the same priority, the discount from both rules will be applied.

For the "Discard Subsequent Rules" option set to "Yes" to work effectively, each pricing rule must have a defined priority. When multiple discount rules can apply to the same product, Magento evaluates them in the order of their priority values. If a rule with "Discard Subsequent Rules" set to "Yes" is applied, any subsequent rules with lower priority (higher priority number) will not be applied to that product.

**NEW QUESTION: 50**

Which type of product has the ability to build customizable products from a variety of options?

- A. Grouped
- B. Virtual
- C. Bundle

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

A bundle product is a product that is made up of a collection of other products. This type of product is ideal for selling products that are often purchased together, such as a printer and ink cartridges.

A bundle product in Adobe Commerce has the ability to build customizable products from a variety of options. Bundle products are ideal for creating custom kits or packages where customers can choose from options for each component. For example, building a custom computer setup from selected components like monitors, keyboards, CPUs, etc. Grouped products are collections of standalone products that can be purchased individually, and virtual products are intangible items.

#### **NEW QUESTION: 51**

A merchant has noticed an error in the checkout. The accessed URL is /checkout. Where can the developer find the responsible controller in the Magento.Checkout module?

- A. Controller/Index/Index.php
- B. Controller/Index/Checkout.php
- C. Controller/Checkout/Index.php

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

Explanation

The controller responsible for handling the /checkout URL is located in Controller/Checkout/Index.php in the Magento.Checkout module<sup>1</sup>. This controller extends from \Magento\Checkout\Controller\Index\Index, which implements the execute() method that renders the checkout page<sup>1</sup>.

#### **NEW QUESTION: 52**

What is one way a developer can upgrade the ECE-Tools package on an Adobe Commerce Cloud project?

- A. Cloud CLI for Commerce tool
- B. Project Web Interface
- C. Composer

**Answer: (SHOW ANSWER)**

According to the Adobe Commerce Developer Documentation, one way a developer can upgrade the ECE-Tools package on an Adobe Commerce Cloud project is by using Composer, which is a dependency management tool for PHP projects. The ECE-Tools package contains scripts and tools that help manage and deploy Adobe Commerce Cloud projects on the cloud infrastructure. To upgrade the ECE-Tools package using Composer, the developer needs to run the following command in the project root directory:

```
composer update magento/ece-tools --with-dependencies
```

On an Adobe Commerce Cloud project, the recommended way to upgrade the ECE-Tools package is through Composer, a dependency manager for PHP. Composer is used to manage the dependencies of the project, including ECE-Tools, and it provides the necessary commands to update packages to their latest versions or to specific versions as required.

#### **NEW QUESTION: 53**

Which log file would help a developer to investigate 503 errors caused by traffic or insufficient server resources on an Adobe Commerce Cloud project?

- A. mysql-slow.log
- B. access.log
- C. cloud.log

**Answer: B (LEAVE A REPLY)**

The access.log file stores the information about the requests and responses that occur on the web server, such as the IP address, timestamp, request URI, response code, and referer URL<sup>1</sup>. By checking the access.log file, a developer can identify the requests that resulted in 503 errors and the possible causes of those errors, such as traffic spikes, insufficient server resources, or misconfiguration<sup>1</sup>.

To check the access.log file on an Adobe Commerce Cloud project, a developer can use the following command in the CLI:

```
grep -r "\" 50 [0-9]" /path/to/access.log
```

This command will search for any lines in the access.log file that contain a response code starting with 50, which indicates a server error<sup>1</sup>. The developer can then compare the timestamps of those lines with the exception.log and error.log files to find more details about the errors<sup>1</sup>.

Alternatively, if the error has occurred in the past and the access.log file has been rotated (compressed and archived), the developer can use the following command in the CLI (Pro architecture only):

```
zgrep "\" 50 [0-9]" /path/to/access.log.<rotation ID>.gz
```

This command will search for any lines in the compressed access.log file that contain a response code starting with 501. The rotation ID is a number that indicates how many times the log file has been rotated. For example, access.log.1.gz is the most recent rotated log file, and access.log.10.gz is the oldest rotated log file<sup>1</sup>.

#### **NEW QUESTION: 54**

What is the default store ID for the admin panel?

- A. -1
- B. 0
- C. 1

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 55**

Which has its own root category?

- A. Websites
- B. Stores
- C. Store Views

**Answer: B (LEAVE A REPLY)**

In Magento, each store has its own root category. The root category acts as the top-level category under which all other categories and products are organized for that particular store.

This structure allows for different catalog structures across multiple stores within a Magento installation, enabling a tailored product offering and navigation experience for each store. The ability to assign a unique root category to each store is a fundamental aspect of Magento's multi-store functionality, providing the flexibility to cater to diverse market segments or branding requirements.

**NEW QUESTION: 56**

How would a developer access RabbitMQ data on an Adobe Commerce Cloud Production environment?

- A. Using Project Web Interface
- B. Using local port forwarding
- C. Using RabbitMyAdmin

**Answer: B (LEAVE A REPLY)**

To access RabbitMQ data on an Adobe Commerce Cloud Production environment, you can use local port forwarding. This allows you to forward a port on your local machine to a port on the Production environment. This way, you can connect to RabbitMQ from your local machine. A developer would access RabbitMQ data on an Adobe Commerce Cloud Production environment using local port forwarding. This is done via an SSH tunnel that securely forwards a port from the local machine to the RabbitMQ service on the cloud environment. RabbitMyAdmin (an option that does not exist) and the Project Web Interface do not provide direct access to RabbitMQ data.

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