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Magento 2 Certified Associate Developer Exam

Magento Magento-2-Certified-Associate-Developer

Version Demo

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QUESTION NO: 1

You have created a module with a custom ACL resource and want to restrict access to resources of your module. Which three items are restricted based on ACL role permissions? (Choose three.)

A. CLI Commands

B. Webapi resources

C. Storefront login

D. System configuration sections

E. Adminhtml controllers

ANSWER: C D E

Explanation:

Reference: https://www.mageplaza.com/magento-2-module-development/magento-2-acl-access-control-lists.html

QUESTION NO: 2

A module MyModule needs to send notifications to customers only when the account was modified from a mobile app using the REST web APIs.

You decided to implement an observer for customer_save_after_data_object event.

In which file do you declare the observer?

A. etc/webapi_rest/events.xml

B. etc/adminhtml/events.xml

C. etc/webapi/rest_events.xml

D. etc/events.xml

ANSWER: D

Explanation:

Reference: https://magento.stackexchange.com/questions/256268/how-to-trigger-observer-by-rest-api

QUESTION NO: 3

The module MyCompany_MyModule provides custom admin interface pages.

Access to these pages should only be granted to specific users.

You add the required configuration to the module's acl.xml file, but the setting does not seem to work as expected.

How do you visually check if Magento evaluates your ACL resource as expected?

A. Write a plugin for the class \Magento\Framework\Acl\LoaderInterface::populateAcl() and echo out the loaded roles

B. Inspect the output of the CLI command bin/magento admin:role:resources – all

C. In the browser, open the admin User Roles page. Choose a role and inspect the tree of available resources

D. Inspect the response of a GET request to the webapi endpoint http://example.com/rest/V1/acl/resources

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ANSWER: D

QUESTION NO: 4

The module MyCompany_MyModule will add a new page to the admin interface at the URL path admin/mycompany/entity_grid.

How do you name the file containing the action controller class so the admin router matches the path to the class?

A. Controller/Adminhtml/Entity/Grid/Index.php

B. Controller/Adminhtml/Mycompany/Entity/Grid.php

C. Controller/Adminhtml/Entity/Grid.php

D. Controller/Adminhtml/Mycompany/Entity_Grid.php

ANSWER: D

Explanation:

Reference: https://www.mageplaza.com/magento-2-module-development/magento-2-routing.html

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QUESTION NO: 5

You need to find all orders in the processing state. You have written the code:

```
$orderRepository->getList($searchCriteriaBuilder->addFilter('state', 'processing'));
```

When you run the code, you get the following exception:

```
Uncaught TypeError: Argument 1 passed to Magento\Sales\Model\OrderRepository::getList() must be an instance of Magento\Framework\Api\SearchCriteriaInterface, instance of Magento\Framework\Api\SearchCriteriaBuilder given.
```

How do you resolve the exception?

A. Specify a preference in di.xml to map SearchCriteriaBuilder to SearchCriteriaInterface

B. Use dependency injection to load an instance of the SearchCriteria class

C. Change the getList parameter to: $searchCriteriaBuilder->addFilter('state', 'processing')->create()

D. Clear generated code to get a new version of SearchCriteriaBuilder

ANSWER: C

QUESTION NO: 6

Magento 2's architecture uses code to bootstrap a custom module that resides in app/code. What two files are required to make a module usable? (Choose two.)

A. Helper/Data.php

B. etc/config.xml

C. etc/module.xml

D. registration.php

ANSWER: C D

Explanation:

Reference: https://inchoo.net/magento-2/how-to-create-a-basic-module-in-magento-2/

QUESTION NO: 7

You are developing a module MyCompany_StoreInfo to display information about brick and mortar stores on a frontend page. The displayed information varies based on the country of a given store.

What two elements automatically render their children? (Choose two.)

A. `<block class="\Magento\Framework\View\Element\AbstractBlock" name="shop.info.details"/>`
B. `<block class="\Magento\Framework\View\Element\Template" name="shop.info.details"/>`
C. `<container name="shop.info.details"/>`
D. `<block class="\Magento\Framework\View\Element\Text\ListText" name="shop.info.details"/>`

A. Option A

B. Option B

C. Option C

D. Option D

ANSWER: B C

Explanation:

Reference: https://magento.stackexchange.com/questions/202403/creating-a-new-container-and-placing-it-where-i-want-in-magento-2

QUESTION NO: 8

What are two functions of a resource model? (Choose two.)

A. It executes create, retrieve, update and delete actions for an entity

B. It loads lists of entity models

C. It is made available in the Magento API for the purpose of data manipulation

D. It maps an entity to one or more database rows

ANSWER: B D

Explanation:

Reference: https://devdocs.magento.com/guides/v2.3/architecture/archi_perspectives/persist_layer.html

QUESTION NO: 9

You have created a module controller that responds to the following URL: /mycompany/product/load/id/123.

Which two methods will load the product model by ID as specified in the URL? (Choose two.)

A. \Magento\Catalog\Model\ResourceModel\Product::load($productModel, $id)

B. \Magento\Catalog\Model\ResourceModel\Product\Collection::load()->fetchById($id)

C. \Magento\Catalog\Model\ResourceModel\Product\Collection::fetchItemById($id)

D. \Magento\Catalog\Api\ProductRepositoryInterface::getById($id)

ANSWER: B D

Explanation:

Reference: https://magento.stackexchange.com/questions/94851/magento2-how-to-load-product-by-id

QUESTION NO: 10

You are working on a custom web API endpoint and have configured it in etc/webapi.xml. This config is cached as part of the config_webservice cache type.

Keeping performance in mind, how do you refresh the cached version of this config using Magento CLI?

A. cache:clean config_webservice

B. cache:refresh config_webservice

C. cache:flush

D. cache:purge

ANSWER: A