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Magento 2 Certified Associate Developer

Magento Magento-2-Certified-Associate-Developer

Version Demo

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QUESTION NO: 1

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: 2

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**QUESTION NO: 3**

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: 4

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: 5

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: 6

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`

ANSWER: D

QUESTION NO: 7

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: 8

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: 9

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: 10

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>