

# 1Z0-510<sup>Q&As</sup>

Oracle ATG Web Commerce 10 Implementation Developer Essentials

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**QUESTION 1**

What must be configured to share all gift lists across all sites?

- A. set /atg/commerce/gifts/GiftlistManager.siteScope=all
- B. Make GiftlistManager extend atg.multisite.ShareableSiteGroup.
- C. Register GiftListManager with the ATG\\'s SiteManager as Sharable using BCC.
- D. Gift lists cannot be shared and are specific to a given site.

Correct Answer: A

The /atg/commerce/gifts/GiftlistManager component has a siteScope property that controls how gift lists are shared between sites.

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**QUESTION 2**

In order to ensure versioning integrity, a deploying project obtains exclusive locks on its assets when deployment starts. What is the effect of these locks?

- A. Until a project\\'s asset locks are released, other projects that share those assets cannot add the asset to the project.
- B. Until a project\\'s asset locks are released, other projects that share those assets cannot be in author mode and are shown as locked in the BCC UI.
- C. Until a project\\'s asset locks are released, other projects that share those Assets cannot deploy.
- D. It is a database lock and has no effect on the UI. Other projects will not get a concurrent update exception if a database save is issued for the shared assets.

Correct Answer: C

In order to ensure versioning integrity, a deploying project obtains exclusive locks on its assets when deployment starts. It releases those locks only after deployment is complete and project assets are checked in, or when the deployment is reverted. Until a project\\'s asset locks are released, other projects that share those assets cannot deploy.

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**QUESTION 3**

Which is a valid list of component scopes?

- A. Singleton, Session, Request
- B. Global, Session, Request, Dynamic
- C. Singleton, Prototype, Request, and Session
- D. Global, Session, Request, and Window
- E. Singleton, Global, Session, Request

Correct Answer: D

An application component can be set to one of the following scopes:

\*

Global: Component is shared among all users.

\*

Session: Separate instances of the component are provided to each user.

\*

Request: Separate instances of the component are provided to each active request.

Note: ATG support Window scope which allows you to associate specific component instances with a specific browser window. Such components need to live longer than a request and also need to be different for every browser window associated with the user's session.

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#### QUESTION 4

Which Form Handler and Droplet are used to approve or reject an order that is in PENDING\_ APPROVAL state?

- A. CommitOrderFormHandler, ApprovalRequiredDroplet
- B. ApprovalFormHandler, ApprovalRequiredDroplet
- C. ApprovalSubFormHandler, ApprovalRequiredDroplet
- D. CommitOrderFormHandler, ProcessApprovalDroplet

Correct Answer: B

\*

Order Approval Form Handler

The OrderApprovalFormHandler (the atg.commerce.csr.approvals.order class) generates the order approval within the UI and extends the EnvironmentChangeFormHandler. This form handler provides handlers for both approving, handleApprove, and rejecting, handleReject, an approval request. It also contains e-mail templates for approvals and rejections.

\*

The ApprovalRequiredDroplet servlet bean supports the order approval process by retrieving all orders requiring approval by a given approver. It queries the order repository and returns all orders that meet the wing two criteria:

The order's authorizedApproverIds property contains the approver's ID.

The state of the order requires approval, meaning that the state is defined in the ApprovalRequiredDropletorderStatesRequiringApproval property. The order's state is held by the property of the order that is specified in the

ApprovalRequireDropletorderStatePropertyName property.

The default value is PENDING\_APPROVAL.

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## QUESTION 5

Which three options are BASE form handlers that provide a clean mechanism to implement a custom form handler?

- A. EmptyFormHandler
- B. GenericFormHandler
- C. CartCheckoutFormHandler
- D. ProfileFormHandler
- E. TransactionaFormHandler

Correct Answer: ABE

Subclassing ATG Form Handlers

Oracle ATG Web Commerce form handler classes all implement the interface `atg.droplet.DropletFormHandler`. Three form handler base classes implement this interface:

\*

`atg.droplet.EmptyFormHandler`

\*

`atg.droplet.GenericFormHandler`

\*

`atg.droplet.TransactionaFormHandler`

You can create a form handler by extending one of these classes or any of their subclasses. er:

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## QUESTION 6

How does a component in the ATG Commerce fulfillment module verify that it has privileges to edit a specific part of an order?

- A. It uses the CheckPrincipal component.
- B. It uses the Fulfillment Pipeline Manager component.
- C. It does not perform such verification.
- D. It uses the ATG Security Manager Component.

Correct Answer: C

Flow of control defines which components have privileges to edit different parts of the order. The basic premise is that

once a component has control over a part of the order, only this component should edit this part of the order.

ATG Commerce does not verify that a component has the privileges to edit a specific part of an order. ATG Commerce does not perform this verification because if the system is distributed, orders might be modified with a different system.

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## QUESTION 7

Which three reasons justify why customers should choose Oracle ATG Web Commerce as their cross channel commerce platform?

- A. It is the most complete and integrated e-commerce solution in the market.
- B. It has the most flexible, modular, and elegant architecture compared to other competing solutions.
- C. It features production-ready reference applications that can be easily customized to meet your application requirements.
- D. It is the easiest platform to implement a compared e-commerce solution in the market.
- E. It has the best online merchandising business tools and applications of all competing solutions.

Correct Answer: ABD

A: To further enhance the customer experience, Oracle offers an integrated set of software-as-a-service (SaaS) commerce services that provide the flexibility and intelligence to target the right visitors at the right time with the right offer in the right channel to drive high-value sales. Through these services, your company can engage with customers at the point of interaction through personalized recommendations, targeted promotions, and guided assistance.

B: Because it's built on a flexible, component-based e-commerce software architecture, ATG Web Commerce is an easily implemented best-in-class commerce solution that increases revenue, improves customer service, helps companies achieve maximum, long-term business growth, and is available as either a licensed solution or hosted on-demand solution.

D: Oracle's ATG Web Commerce Applications

Oracle's ATG Web Commerce is the industry's top-ranked commerce solution that powers the world's best brands, and delivers a consistent, personalized cross-channel customer experience. ATG Web Commerce offers a complete commerce software platform that enables you to deliver a personalized customer buying experience across all customer touchpoints, including the web, contact center, mobile devices, social media, physical stores, and more.

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## QUESTION 8

What is the primary mechanism used by ATG to record user site navigation activity on the profile?

- A. a combination of a DMS event and listening scenario that can update the profile directly
- B. setting property data directly on the user's profile using the tag
- C. Implicit. ATG monitors all activities and keeps track of all user activity.
- D. There is no out-of-the-box behavior for this. It must be built out by the implemented

Correct Answer: C

With Oracle ATG Web Commerce Business Intelligence, you can monitor, report, and analyze complete cross-process, cross-functional trends and business metrics by combining data from all e-business systems into a single, centralized reporting center.

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## QUESTION 9

What is the result if addItem on the repository is never called after createItem call?

- A. The item is not persisted in database.
- B. It is saved automatically when transaction commits.
- C. The item is saved when the server shuts down.
- D. It is illegal and an exception is thrown.

Correct Answer: A

CreateItem returns a new item populated with the supplied id. The new item is not added to the repository; addItem must be called in order to change the repository.

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## QUESTION 10

What is the likely outcome when a product's end date is set in the past?

- A. ATG automatically stops showing the product when category.ChildProducts is invoked.
- B. Developer of the site has to have a rule to check the date and decide if the product can be displayed.
- C. ATG deletes the product and hence is never shown on the site.
- D. END date is a display only field and has no impact on the product's visibility.

Correct Answer: A

Note:

\* End date

Date the product is no longer available, if a collection filter is implemented to use this property.

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## QUESTION 11

You've made the following category assignments to your catalogs.

Which categories will be displayed if a call is made on allRootCategories on catalog B?

Catalog A:

rootCategories = category1, category2

Catalog B:

rootCategories = category3, category4

rootSubCatalogs = CatalogA

A. category1, category2, category3, category4

B. category3, category4 only

C. category3, category4 are included, category1 and category2 may be included based on configuration of catalog B.

D. category3, category4 are included, category1 and category2 may be included based on configuration of Catalog A.

Correct Answer: A

allRootCategories lists of all the root categories in the catalog, including the allRootCategories in the rootSubCatalogs. This is used for display purposes.

Note: Displaying Root Categories

Typically, a catalog home page displays a list of root categories. Unlike other categories, root categories cannot be found through the childCategories property of other categories. Root categories are those that appear in the allRootCategories property of the user's catalog.

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## QUESTION 12

If you want to access the list of the customer's active and global promotions, which pricing will you use?

A. PricingEngine

B. PricingTools

C. PricingModelHolder

D. PricingCalculator

Correct Answer: C

Because it can be resource intensive to collect a user's list of promotions, or pricing models, the session-scoped UserPricingModels component (class atg.commerce.pricing.PricingModelHolder) stores them in a session cache. When a session starts for a user, UserPricingModels queries each pricing engine for the customer's promotions. PricingModelHolder is schedulable, and can also be configured to periodically update the promotions cache.

These promotions include both the promotions in the user's activePromotions profile property and the list of global promotions.

References: ATG Commerce Programming Guide, Promotion Repository Item Properties

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## QUESTION 13

What do you need to do to disable ATG's Out-of-the-Box behavior of persisting order change?

- A. Set /atg/commerce/order/OrderTools.persistOrders = false
- B. Set/atg/commerce/order/OrderManager.persistOrders=false
- C. Set /atg/commerce/ShoppingCart.persistOrders = false
- D. ATG does not allow you to modify this behavior.

Correct Answer: C

Understanding the ShoppingCart Component The ShoppingCart component is responsible for storing and managing a customer's shopping carts. It maintains the customer's current shopping cart that is used during the purchase process, and it stores any other shopping carts that have been persisted by that customer. These shopping carts are represented as atg.commerce.order.Order objects in the ATG Commerce object model, and represented as order items in the Order Repository.

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#### QUESTION 14

Examine this scenario:

\*

Joe adds an existing asset to a new project.

\*

You add the same asset to a different project

\*

Joe edits his working version of the asset and deploys his project.

\*

The assets in Joe's project are checked in and constitute a new base version of those assets.

What is the expected default behavior of the BCC?

- A. You must resolve the conflict before a production deployment can be made.
- B. Your project will need to be started over again as there is a version conflict.
- C. You can deploy your project to production but you must resolve the conflict before you can check your changes in.
- D. The deployment will start but will not complete throwing a version mismatch exception that needs to be resolved by the administrators.
- E. Joe will not be able to use the same asset in a different project.

Correct Answer: A

Asset Version Numbering

The versioning system maintains two types of version numbers:



**Base version number:** The latest checked-in version of the asset. When an asset is created, its initial base version number is 1.

**Potential version number:** The version number that is conditionally assigned to each checked-out version of an asset.

When you add an asset to a project, the system assigns it a potential version number. When the project checks in its asset, the system converts the potential version number to the new base version. If another project checked in the same asset earlier, the system assigns the next available number to the new base version.

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## QUESTION 15

Which two ASE tasks can be performed from the ACC but not the BCC?

- A. creating a custom product catalog
- B. creating targeters
- C. creating scenarios
- D. creating slots
- E. creating products and SKUs

Correct Answer: CD

Scenarios, slots, and workflows are not managed through the ATG Business Control Center (BCC). To create and edit these items, use the ATG Control Center (ACC)

D: You can create slot components in two ways:

By manually creating a .properties file

Through the slot wizard in the ACC.

Note ACC: ATG Control Center.

Note BCC: The ATG Business Control Center is a browser-based interface that you use to create and edit many of the elements required to set up and maintain an ATG-based Web site

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