



Vendor: Salesforce

Exam Code: ARC-300

Exam Name: Architect B2C Commerce Solutions

Version: DEMO

QUESTION 1

The storefront integrates with a REST based Address verification service (AVS) that uses token based security. The sequence of calls in the API documentation for this AVS looks like the following:

1. Client authentication call, which contains the merchantId and secret in a GET request and returns a token in the response.
2. Address verification call, which contains the token and the address to verify in a POST request.

Once the token is obtained, it is valid for hours and it is not needed to request a new one for subsequent address verification calls, the AVS charges for every request made no matter if it is client authentication call or address verification call.

Which three strategies could be applied to allow for efficient use of the service without compromising security? Choose 3 answers

- A. Apply page caching to the client authentication controller that is used with AJAX.
- B. Obtain the token from local storage of the browser and update it once it expires.
- C. Obtain the token from a custom cache before making the client authentication call.
- D. Use HTTPService caching for the client authentication call.
- E. Use a job to store and update the token in a custom object that is used from the storefront code

Answer: ACD

QUESTION 2

A B2C Commerce developer has recently completed a tax service link cartridge integration into a new SHU site. During review, the Architect notices the basket calculation hook is being run multiple times during a single tax call.

What is the reason for the duplicate calculations being run?

- A. The tax cat is being called multiple times.
- B. The LINK cartridge is included multiple times in the cartridge path.
- C. There are multiple hook.js files referring to the same hook.
- D. The checkout is designed to recursively refer to the same hook.

Answer: A

QUESTION 3

A client receives multiple feeds from third parties on the same SFTP location:

- Product prices (sftp: prod/prices)
- Stores information (sftp: prod/stores;
- Product information (sftp: prod/catalog)
- Categories information (sftp: prod/marketing)
- Content (sftp: prod/marketing)

Some of the feeds are placed on sftp multiple times a day, as the information is updated in the source system.

The Architect decides to have only two jobs:

- One that checks and downloads available feeds every hour
- One that imports the files from Webdav once a day before the data replication, using the standard steps available in the Job Framework

Which design is correct for the import Job, taking the steps scope in consideration?

- A. - four sibling flows execute steps in parallel: import products, stores, prices, content
- fifth flow executes: import categories
- last flow executes steps in sequence: reindex
- B. - four sibling flows execute steps in parallel: import products, stores, prices, content
- last flow executes steps in sequence import categories, reindex
- C. - three sibling flows import steps in parallel: import products, stores, prices
- fourth flow executes: import categories
- last flow executes steps in sequence: reindex, import content
- D. -Four sibling flows execute steps in parallel: import products, stores, price, content -last flow executes steps in sequence: import:categories, reindex

Answer: A

QUESTION 4

The following promotions are configured with no exclusivity (can be combined with any other promotion) in a -1month campaign:

- Free correct- in -store shipping
- 20% accessories products discount, applies for all customers
- \$5 off coupon based discount, sent to a selected group of customers

The combination of above promotions allows customers to get 16 socks for free in store. This was unintended, and the Client is considering disabling the coupon. The Client is concerned about a potential spike in the number of Call Center calls from customers who had the coupon code added to their baskets before it was disabled. As basket lifetime is set to 30 days for all customers, this can continue for the full length of the campaign.

What solution should the Architect suggest to keep the Call Center calls to a minimum?

- A. Disable the coupon code. Clear the production cache from the Business Manager to clear existing baskets.
- B. Disable the coupon code. Email all the customers to not use the coupon code in their baskets.
- C. Disable the coupon code. Restart the production instance from control Center to clear existing baskets.
- D. Disable the coupon code. Reduce the basket lifetime in Business Manager to expire some of the existing baskets

Answer: D

QUESTION 5

Which two activities should an Architect encourage the replication team to follow based on S2C Commerce best practices? Choose 2 answers

- A. Use the undo replication process to roll back to the previous replication if necessary.
- B. Replicate the latest data to Production during periods of increased site use to ensure freshness.
- C. Use the undo replication process to roll back code replications only, not data replications.
- D. Wait 15 minutes after the recreation process completes for the cache to clear automatically.

Answer: CD

QUESTION 6

a client uses an external marketing tool to manage promotions and coupons for its multiple brands. They currently have only one brand on B2C Commerce and they get Import-ready feeds created by this tool on an SFTP location.

The marketing team completes the data preparation by the end of the work day.

How should the Architect handle this import?

- A. Create a Job and define three steps: one step uses ExecuteScriptModule to download the files from SFTP, and two standard steps to Import the promotion and coupons.
- B. Create a Job and define three steps: one standard step to download files from sftp and two steps that use Execute Script Module to import the promotion and coupons.
- C. Create a job and define three steps: one custom step to download the files from SFTP, and two standard steps to import the promotion and coupons.
- D. Create a Job and define three custom steps: download the files from SFTP, import promotions, import coupons

Answer: C

QUESTION 7

During the testing of the login form, QA finds out that the first time the user can log in, but every other login attempt from another computer leads to the homepage and the basket being emptied. Developers tried to debug the issue, but when they add a breakpoint to the login action, it is not hit by the debugger.

What should the Architect recommend developers to check?

- A. Remove CSRF protection from Login Form Action.
- B. Add remote include for the login page
- C. Add disable cache page in the template ISML - <is:cache status="off"/>.
- D. Check Login Form and any included templates for includes that enable page caching.

Answer: B

QUESTION 8

A Client has automated builds that deploy the code; however, recent builds started failing with compilation issues, which are not reproducible in developer's environment. What first step needs to be taken to identify and fix the issue?

- A. Clean up build server work space and run job again.
- B. Verify the modules versions used to generate the code.
- C. Verify the generated JavaScript and CSS for the build.
- D. Recreate the job in the build server to verify compilation issues.

Answer: B

QUESTION 9

A B2C Commerce Developer has just finished implementing a new promotion code form on checkout. During review, an Architect notes that the form is not using CSRF validation correctly.

```
<form action="#{@URLUtils.continueURL()}" method="GET">
    <!-- ... the form input elements ... -->
    <input type="hidden"
        name="#{@dw.web.CSRFProtection.getTokenName()}"
        value="#{@dw.web.CSRFProtection.generateToken()}" />
    <input type="submit" value="Apply Promotion Code" />
</form>

formResult = cartForm.handleAction({
    'addPromoCode': function (formgroup) {
        var CSRFProtection = require('dw/web/CSRFProtection');

        var status;
        var result = {
            cart: cart,
            EnableCheckout: true,
            dontRedirect: true
        };
        status = cart.addCoupon(formgroup.couponCode.htmlValue);
        /* ... some error handling code, based on the returned status ... */
        return result;
    }
});
```

Which two options are best practice recommendations for dealing with CSRF validation? Choose 2 answers

- A. Ensure the CSRF protection is validated on form submission.
- B. Only use GET methods over HTTPS.
- C. Automatically renew the CSRF Token if expired.
- D. Only use POST methods over HTTPS.

Answer: AD

QUESTION 10

A Retailer has a single storefront site and a Product Management System (PIM). The PIM is generating the master catalog and storefront categorization catalog every day and it uploading them to SFTP how should the Architect configure the import job flows following the best practices?

- A. 1st flow is global to download the files from SFTP. 2nd flow is global to import the master catalog. 3rd flow is global to import the storefront catalog.
- B. 1st flow is global to download the files from SFTP. 2nd flow is global to import the storefront catalog 3rd flow is global to import the master catalog.
- C. 1st flow is assigned to the site to download the files from SFTP. 2nd flow is assigned to the site to import the master catalog. 3rd flow is global to import the storefront catalog.
- D. 1st flow is assigned to the site to download the files from SFTP. 2nd flow is assigned to the site to import the storefront catalog 3rd flow is global to import the master catalog.

Answer: A

QUESTION 11

The Client is planning to switch to a new Payment Service Provider (PSP). They have approached an Architect to understand the time and effort to Integrate the new PSP. The PSP offers a LINK cartridge compatible with SiteGenesis Pipelines, but the Client's website is built on Controllers. Which two options should the Architect take into consideration before starting analysis? Choose 2 answers

- A. Estimate the effort and risk to convert the LINK cartridge from pipelines to controllers.
- B. Reach out to the PSP development team and ask if a new cartridge version that supports controllers is under development
- C. Produce a proof of concept converting the most essential pipelines into controllers and integrate the cartridge.
- D. Look for a different PSP that supports controllers and would not require conversion efforts.

Answer: AC

QUESTION 12

An Architect has been approached by the Business with a request to create a custom product finder. The finder would initially be available on only one site, and would eventually be extended to be available on all sites the Business maintains. There is a requirement that these widgets are also available to be used in a Job context for export to other systems. Each site will have a different category available for use by the product finder.

Where should the Architect store the custom settings for use on both the storefront and in a job context?

- A. Custom Object with a Site Scope
- B. Jobs Framework parameters
- C. Category custom attributes
- D. Custom Object with an Organizational Scope

Answer: C

QUESTION 13

The client provided these business requirements:

- The B2C Commerce storefront will integrate with the client's Order Management System (OMS).
- The storefront will provide real-time order export of successfully processed orders

The OMS supports both web service export and SFTP batch order export, but the client has expressed concern about the availability of the OMS.

Which two solutions satisfy the requirements and address the OMS reliability concern? Choose 2 answers

- A. Implement a live export of orders during checkout via web service, marking the processed order as exported when the AM returns successfully.
- B. Implement a batch export of orders to SFTP, excluding exported orders. This runs as a scheduled job with a high-frequency run rate and marks processed orders as exported upon success.
- C. Implement a batch export of orders via web service, excluding exported orders. This runs as a scheduled job with an hourly run rate and marks processed orders as exported upon success.
- D. Implement a Live export of orders during checkout via SFTP, marking the processed order as

exported when it has completed successfully.

Answer: AB

QUESTION 14

A company manages its regional operations as separate businesses. The regional sites (Site A and Site B) operate with:

- Separate realms
- Different code bases
- Different category navigation menus
- Frequent updates on category structure

The requirement from the business is to provide hreflang link tags on category pages pointing to the same category on the other regional site. Example MTML for one of these links as displayed on Site A is:

```
<link rel="alternate" href="https://www.siteB.com/en_US/womens-new-arrivals"
hreflang="en_US" />
```

Which solution should the Architect choose while keeping performance in mind?

- A. Create a new custom attribute on the Category. Populate the attribute with the other entire site URLs corresponding to locales in JSON Format. Use the attribute to display the hreflang link tag.
- B. Create a new custom object type. Populate the hreflang mapping for each category and locale in this custom object. Use the custom object to display the hreflang link tag.
- C. Create additional locales in all realms. Create a new custom attribute on the category that is localized. Populate the attribute with the other site URLs and use it to display the hreflang tag.
- D. Create a custom Business Manager module. Ask the business to maintain the hreflang link tags for each regional site in this Business Manager module.

Answer: A

QUESTION 15

During load testing, a third party service is constantly failing to respond in a timely manner on the Product Listing Page. The page is not affected as it is collecting data with the server side call, however the loading time is increasing.

Which two recommendations should the developer take in order to minimize the risk and improve the loading time? Choose 2 answers

- A. Ask the third party to improve the reliability of the service.
- B. Decrease the service timeout.
- C. Enable the Circuit Breaker.
- D. Remove the service.
- E. Load the data asynchronously after the page is loaded

Answer: CE

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