



Salesforce Certified B2C Commerce Architect



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Exam Certified-B2C-Commerce-Architect

Salesforce Certified B2C Commerce Architect (SP23)

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Question No : 1

The client provided these business requirements:

- The B2C Commerce platform will integrate with the Client's Order Management System (OMS).
- The OMS supports Integration using REST services.
- The OMS is hosted on the Client's infrastructure.

What configurations are needed for this integration with the OMS?

- A.** A service configuration, a hostname alias configuration, and a user credential configuration.
- B.** A service profile configuration, a WAF configuration, and a service credential configuration.
- C.** A service configuration, a service profile configuration, and a user credential configuration.
- D.** A service configuration, a service profile configuration, and a service credential configuration.

Answer: D

Question No : 2

A new client is moving from their existing ecommerce platform to B2C Commerce. They have an existing service that connects to the Email Marketing System. The endpoint of the service can directly parse the data posted by the customer from the Storefront page for marketing materials subscriptions. It is required that this service implementation on the B2C Commerce site supports authentication and encoding.

What type should the Architect document this new service as?

- A.** HTTP
- B.** HTTP Form
- C.** Generic
- D.** SOAP

Answer: D

Question No : 3

The Architect has been presented with a requirement from the business to implement a new LINK cartridge. The current site is built on the Storefront Reference Architecture, and the LINK cartridge is certified for Pipelines and Controllers. On review, the Architect notes that the Jobs are all created in Pipelines.

How should the Architect implement that cartridge to make sure the required jobs runs property?

- A. The Job Pipelines must be updated to use SiteGenesis Controllers.
- B. The job Pipelines must be removed and recreated with scripts.
- C. The job Pipelines must be updated to useSFRA Controllers.
- D. The job Pipelines must be updated to work as custom job steps.

Answer: D

Question No : 4

A client has just pushed a new site live to Production. However during smoketesting. It's found that some customers are not seeing the correct pricing on the Product Detail Page.

What three places would the Architect begin to look for the cause of this Issue?

Choose 3 answers

- A. Check Log Center
- B. Check the Quota Status page.
- C. Check the Global Preferences to be sure the settings are correct.
- D. Check that there was not an error during replication.
- E. Check that the cache is set correctly

Answer: B,D,E

Question No : 5

The client provided these business requirements:

- The B2C Commerce platform will integrate with the client's Order Management System (OMS).
- The OMS supports Integration us-no legacy RPC style SOAP services.
- The OMS is hosted on client s infrastructure.

What is the right cartridge folder to place the WSDL provided for the OMS service?

- A. /cartridge/webreferences2
- B. /cartridge/webreferences
- C. /cartridge
- D. /cartridge/services

Answer: B

Question No : 6

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 No : 7

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: C,D

Question No : 8

A client has a single site with multiple domains, locales, and languages. After launch, there is a need for the client to perform offline maintenance. The client would like to show the same maintenance page for each locale.

Which version of aliases,Json file below will accomplish this task?

A)

```
{
  "nto.net": "www.ntonet.net",
  "nto.eu": "www.nton.eu",
  "nto.event.eu": "www.nton.eu"
}
```

B)

```
{
  "www.nton.eu": "www.nton.eu"
}
```

C)

```
{
  "nton.eu": "www.nton.eu",
  "nton.at": "www.nton.at",
  "nton.de": "www.nton.de"
}
```

D)

```
{
  "nton.eu": "www.nton.eu",
  "nton.at": "www.nton.eu",
  "nton.de": "www.nton.eu"
}
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: D

Question No : 9

A company that is a shoe-producer is doing Salesforce B2C Commerce implementation. In their Enterprise Resource Warning (ERP) system, the products are marked as being one of three types: boots, sandals, and sneakers. The business requirements based on the type are:

- The messaging on Product Detail page is different
- Customers are able to filter their Product Search Results

The customer's operations team asks about the format in which to send this value in the catalog.

Which data type should the Architect specify for this attribute In the Data Mapping document?

- A. A custom attribute of type string containing comma separated values.
- B. A custom attribute type set-of-string containing multiple values.
- C. A custom attribute of type enum-of-string (multiselect able value).
- D. A custom attribute of type enum-of-string (single selectable value)

Answer: D

Question No : 10

During a technical review, the Client raises a need to display product pricing on the Product Detail Page (PDP) with discounted values per promotion. The Client notes customers complained of bad user experiences in the past when they would add a product to the basket from the cached PDP and then see a higher price when they started checkout as the promotion had expired.

What should the Architect suggest be implemented for this given that performance should be minimally impact?

- A. Remove caching of the product page during the promotion.
- B. Adjust the PDP to have a low caching period during the promotion.
- C. Modify the page to vary the cache by price and promotion.
- D. Create a separate template or view based on the promotion.

Answer: C

Question No : 11

A developer is validating the pipeline cache and noticed that the PDP page is very low cached. The one parameter is showing the position on the product listing page upon checking the site and code.

What should the developer adjust in order to improve the page cache hit ratio, keeping in mind that the client is insisting on the parameter for their analytics?

- A. Rework the implementation so it reads the parameter on client-side, passes it to the analytics and exclude it from cache parameters.
- B. Add the key to the cache exclude parameters.
- C. Rework the implementation so it doesn't depend on that parameter.
- D. Rework the implementation so the parameter is not passed in the URL and is read from the URL hash.

Answer: B

Question No : 12

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.CSRFPProtection.getTokenName()}"
    value="{dw.web.CSRFPProtection.generateToken()}" />
  <input type="submit" value="Apply Promotion Code" />
</form>

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

    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.

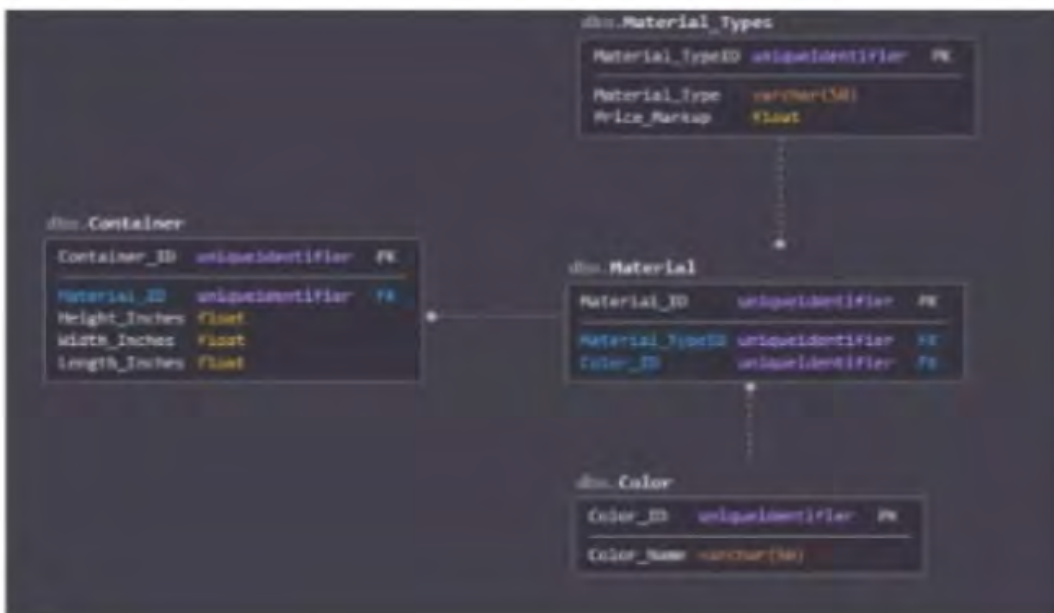
Answer: A,D

Question No : 13

The Client wants to offer custom made container products on its new B2C Commerce storefront. The Client provided two business requirements.

- Customer can specify container length, width, and height.
- Customer can specify the material that the container is made of.

The Client also provided the Architect a current data schema (shown below) for reference while preparing the technical documentation.



Which two gaps between the requirements and the data schema should the Architect discuss with the Client?

Choose 2 answers

- A. The data schema includes unique identifiers for material and color fields, but neither are reflected in the business requirements.
- B. The data schema includes an implied structure that the customer's choices should be captured as custom objects, but there isn't a business requirement to do so
- C. The data schema includes a material Price_Markup field, but there isn't a business requirement to factor the material cost into the final price calculation.

D. The data schema includes a Color_ID field, but there isn't a business requirement to allow the customer to specify container color.

Answer: C,D

Question No : 14

A business wants to migrate its customerservice provider from provider A to provider B. Provider e offers a LINK cartridge to integrate with its commerce solution.

Which three artifacts need to be created by the Architect? Choose 3 answers

- A.** Document the design of implementing a new B2C Commerce cartridge following the Industry standard best practices
- B.** Document the data objects, the interface, and data synchronization frequency between the systems.
- C.** Document the data mapping between commerce and customer service provider.
- D.** Document the customizations required on top of the LINK cartridge based on current commerce implementation and business needs.
- E.** Document how the customer online journey flown from landing on the page to placing of the order

Answer: B,C,D

Question No : 15

a clientuses an external marketing toot 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 en 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, end two standard steps to Import the promotion end coupons.
- B.** Create a Job and define three steps: one standard step to download files from sftp end two steps that use Execute Script Module to import the promotion end 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 No : 16

The Client wishes to implement a third party integration that allows for free shipping If the customer Is a member of the third party service. When the customer's order is exported to the Order Management System (OMS) it also creates a custom object in order to track additional data before sending that order data to the third-party service as well.

What technical concern should the Architect raise to protect performance and stability of the site?

- A. The customer order quota and related retention or deletion needs.
- B. The customer's order data sent to a third-party and related security needs.
- C. The OMS having order data sent to a thud party and related security needs.
- D. The custom object quota and related retentionor deletion needs.

Answer: D

Question No : 17

A new version of the Page Show controller is required for implementation of Page Deserter specific look. It requires implementation of a specific, cache period for Page Designer pages, which b not currently available in the base Storefront Reference Architecture (SFRA) cache.js module

What two steps should the Architect instruct the developer to implement?

Choose 2 answers

- A. Create new Page.js controller in client s cartridge. Copy code from base and modify the Page-Show route to include the new cache middleware function.
- B. Create new ceche,js client's cartridge. Copy cache,js from app_storefront_base and add a function for the Page Designer caching.
- C. Create new Page,js controller in client's cartridge. Extend the code from base and prepend the new cache middleware function to Page-Show route.
- D. Create new cache,js in client's cartridge. Extend cache,js from app_storefront_baseand add a function for the Page Designer caching.

Answer: C,D

Question No : 18

There is an issue with the site when the domain is opened from Google search results. After researching the problem, it turns out that the site returns a 404 page error when accessed with a parameter in the URL.

What should the Architect recommend to fix that issue?

- A. Add dynamic catch-all rule to redirect to home page.
- B. Add this snippet to the aliases configuration for the domain:

```
{  
  "pipeline": "Home-Show",  
  "apply-to-host-only-request-with-params": "true"  
}
```

- C. Add this snippet to the aliases configuration for the domain

```
{  
  "controller": "Home-Show",  
  "apply-to-host-only-request-with-params": "true"  
}
```

- D. Add dynamic redirect if the URL contains parameter to Home Show.
Add this snippet to the aliases configuration for the domain

Answer: B

Question No : 19

The following promotions are configured with no exclusivity (can be combined with any other promotion) in a 1-month 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 solutions 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 No : 20

The Client has implemented a different category/search layout for mobile and desktop. The code uses a session attribute called deviceType to choose the corresponding layout. This attribute is populated from the browser user agent. After this implementation they have run into these problems:

- Sometimes desktop pages are being served to both desktop and mobile customers.
- Sometimes mobile pages are being served to both desktop and mobile customers.

The page has caching implemented that depends on promotions. SEC is very important and the site traffic is high.

Which solution should the Architect select to resolve the issue without impacting the existing requirements?

- A.** Create customer groups for desktop and mobile users and use remote includes based on these groups to render the mobile and desktop pages
- B.** Create customer groups for desktop and mobile users and empty promotions linked to these groups to ensure different cached versions of the page.
- C.** Disable caching for these pages to ensure that the correct template is used to render the mobile and desktop pages.
- D.** Change the URL structure to include desktop and mobile as URL parameters to ensure different cached versions of the page

Answer: A

Question No : 21

An existing B2C Commerce site has the following aliases configuration:

```
"www.example.com": [  
  {  
    "locale": "en_US",  
  },  
  {  
    "locale": "de_DE",  
    "if-site-path": "de"  
  },  
  {  
    "locale": "en_US",  
    "if-site-path": "us"  
  },  
  {  
    "locale": "en_GB",  
    "if-site-path": "uk"  
  },  
],  
"www.example.de": [{  
  "host": "www.example.com",  
  "path": "de"  
}],  
"www.example.co.uk": [{  
  "host": "www.example.com",  
  "path": "uk"  
}]
```

Which statement related to this configuration is incorrect?

- A. Hostname www example.co.uk will redirect to www.example.com/uk.
- B. Hostname www.example.com will redirect to www example com/us
- C. Hostname www.example.de will redirect to www.example.com/de.
- D. Site supports multiple hostnames and locales.

Answer: B

A third party survey provider offers both an API endpoint for individual survey data and an SFTP server endpoint that can accept batch survey data. The initial implementation of the integration includes

1. Marking the order as requiring a survey before order placement
2. On the order confirmation page, the survey form is displayed for the customer to fill
3. The data is sent to the survey provider API, and the order is marked as not requiring a survey

Later it was identified that this solution is not fit for purpose as the following issues and additional requirements were identified:

1. If the API call fails, the corresponding survey data is lost. The Business requires to avoid data loss.
2. Some customers skipped the form. The Business requires sending a survey email to such customers.
3. The Order Management System (OMS) uses a non-standard XML parser it did not manage to parse orders with the survey, until the survey attribute was manually removed from the xml.

How should the Architect address the issues and requirements described above?

- A.** Create a custom session attribute when the survey is required. Send to the API endpoint in real-time. On failure, capture the survey data in the session and reprocess, use the session attribute to send emails for the cases when survey was skipped.
- B.** Create a custom object to store the survey data. Send to the API endpoint using a job. On success, remove the custom object. On failure, send the survey data with API from the next execution of the same job. Use the custom object to send emails for the cases when the survey was skipped.
- C.** Create a custom object when the survey is required. Send to the API endpoint in real-time. On success, remove the object. On failure, capture the survey data in the custom object and later reprocess with a job. Use the custom object to send emails for the cases when survey was skipped.
- D.** Send the survey data to the API endpoint in real-time until the survey data is successfully captured. Instruct the OMS development team to update their XML parser, use the Order survey attribute to send emails for the cases when the survey was skipped.

Answer: C