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Question 1

Question Type: MultipleChoice

During a technical review, the Client raises a need to display product pricing on theProduct 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 checkoutas the promotion had expired.

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

Options:

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

Explanation:

To address the issue of pricing discrepancies on the Product Detail Page (PDP) due to promotions expiring between the page view and checkout, the Architect should suggest modifying the page cache to vary by price and promotion (Answer C). This solution allows the cache to store different versions of the page based on the current price and applicable promotions. By doing so, it ensures that customers always see the most accurate pricing information depending on the active promotions at the time of their visit, thereby improving the user experience and reducing confusion at checkout. This method also minimizes the performance impact compared to completely disabling cache, as it still allows caching but in a more dynamically controlled manner.

Question 2

Question Type: MultipleChoice

A developer is remotely fetching the reviews for a product.

Assume that it's an HTTP GET request and caching needs to be implemented, what consideration should the developer keep in mind for building the caching strategy?

Options:

A- Cache the HTTP service request

B- Remote include with caching only the reviews

C- Use custom cache

D- Cached remote include with cache of the HTTP service

Answer:

D

Explanation:

For efficient caching of HTTP GET requests used to fetch product reviews, the best practice is to use a cached remote include combined with caching of the HTTP service itself (Answer D). This method involves caching the output of the remote service call at the service layer and reusing it for subsequent requests. This approach minimizes the number of calls to the remote service, reduces load times, and ensures that the displayed reviews are up-to-date as per the cache's freshness settings. It optimally balances the performance benefits of caching with the need to keep content like reviews current.

Question 3

Question Type: MultipleChoice

During discovery, the customerrequired a feature that is not inducted in the standard Storefront Reference Architecture CSFRA). In order to save budget, the Architect needs to find the quickest way to implement this feature.

What is the primary resource the Architect should use to search for an existing community Implementation of the requested feature?

Options:

A- Salesforce Commerce Cloud GitHub repository

B- Salesforce Commerce Cloud Trailblazer community

C- Salesforce Trailblazer Portal

D- Salesforce B2C Commerce Documentation

Answer:

A

Explanation:

When seeking a community implementation of a feature not included in the standard Storefront Reference Architecture (SFRA), the primary resource should be the Salesforce Commerce Cloud GitHub repository (Answer A). This repository often contains projects and code samples contributed by other developers in the community, which might include custom implementations that could be adapted to meet the customer's requirements. This approach not only leverages existing solutions that have been shared publicly but also can significantly save time and resources in development.

Question 4

Question Type: MultipleChoice

a B2C Commerce developer has Implemented a job that connects to an SFTP, loops through a specific number of .csv rtes. and Generates a generic mapping for every file. In order to keep track of the mappingsimported, if a generic mapping is created successfully, a custom object instance w created with the .csv file name. After running the job in the Development instance, the developer checks the Custom Objects m Business Manager and notices there Isn't a Custom Object for each csv file that was on SFTP.

What are two possible reasons that some generic mappings were not created? Choose 2 answers

Options:

A- The maximum number of generic mappings was reached.

B- The generic mappings definition need to be replicated fromStaging before running the job.

C- Invalid format in one or more of the .csv files.

D- The job needs to run on Staging and then replicate the generic mappings and custom objects on Development

Answer:

A, C

Explanation:

Two plausible reasons for some generic mappings not being created despite the SFTP job running are: A) the system reached its limit for the maximum number of generic mappings allowed, and C) there was an invalid format in one or more of the .csv files processed. When the maximum threshold for mappings is reached, the system cannot create additional mappings, thus stopping any further imports from being registered as custom objects. Additionally, if .csv files are incorrectly formatted, the job would fail to create mappings for those files, leading to the absence of corresponding custom objects in Business Manager. It's crucial to ensure that file formats adhere to expected specifications and that system limits are adequately managed to avoid such issues.

Question 5

Question Type: MultipleChoice

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

Choose 2 answers

Options:

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 todear automatically.

Answer:

A, C

Explanation:

Option A (Use the undo replication process to roll back to the previous replication if necessary): This best practice ensures that if a replication introduces errors or issues, there is a way to quickly revert to a previous state without impacting the ongoing operations of the commerce site.

Option C (Use the undo replication process to roll back code replications only, not data replications): Focusing undo operations on code replication rather than data ensures that functional issues caused by code changes can be quickly addressed without affecting the integrity or consistency of the data within the system.

These practices help maintain the stability and reliability of the production environment by providing mechanisms to manage and mitigate risks associated with updates and changes.

Question 6

Question Type: MultipleChoice

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 If 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 solutionshould the Architect suggest to keep the Call Center calls to a minimum?

Options:

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 dear existing baskets.

D- Disable the coupon code. Reduce the basket lifetime in Business Manager to expire some of the existing baskets

Answer:

D

Explanation:

Reducing the basket lifetime is a strategic approach to minimizing the impact of disabling a promotional coupon. This action will cause baskets that may still contain the now-disabled coupon to expire sooner, thereby reducing the potential volume of calls to the Call Center from customers inquiring about the coupon. This method also avoids the drastic measure of clearing all existing baskets or restarting the production instance, which could disrupt user experience and lead to further customer dissatisfaction.

Question 7

Question Type: MultipleChoice

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 standards steps available in the Job Framework

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

Options:

A- - four sibling flows execute steps ki parallel: import products, stores, prices, content- fifth flow executes: import categories- last flow executes steps In sequence: reindex

B- - foursibling flows execute steps in parallel: import products, stores, prices, content- last flow executes steps in sequence import categories, reindex

C- - three siting flows Import steps In parallel: import products, stores, prices- fourth flow executes: import categories- last flow executes steps in sequece: 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:

B

Explanation:

This design maximizes efficiency and concurrency. By having the jobs that import products, stores, prices, and content run in parallel, the system can handle multiple data streams simultaneously, reducing total processing time. The sequential execution of importing categories followed by reindexing ensures that all new and updated information is properly indexed and available for site use, following the completion of the import of more frequently updated data. This order respects dependencies between steps and aligns with best practices for handling complex data workflows in B2C Commerce environments.

Question 8

Question Type: MultipleChoice

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?

Options:

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 Wes referring to the same hook.

D- Thecheckout is designed to recursively refer to the same hook.

Answer:

C

Explanation:

If multiple hook.js files are referring to the same basket calculation hook within a LINK cartridge integration, it could lead to the hook being executed multiple times during a single tax call. This often occurs due to redundancy in the integration, where multiple scripts are set to trigger the same function, inadvertently causing duplicate calculations. It's essential to ensure that only one script is responsible for invoking specific hooks to prevent this kind of redundancy and inefficiency in the system.

Question 9

Question Type: MultipleChoice

During a load test the storefront shows steady but slow performance on all the paces being tested. The Architect opens Pipeline Profiler and sorts the data by *total time" column. The following come as the top Ave items:

Controller Name	Function Name	Hits	Total Time	Average Time	Minimum Time	Maximum Time
Product	Detail	38,880	23,606,640	607	39	2,311
Search	Show	32,400	15,030,360	464	107	1,143
Home	IncludeHeaderMenu	5,184	10,776,564	2,079	2,056	2,200
Product	HitTile	239,760	7,944,480	33	10	245
Product	ShowInCategory	38,880	2,663,280	69	33	100

Which controller should the Architect focus on to further investigate the performance issue?

Options:

A- Product-HitTile asit has the highest hits during the load test.

B- Search Show as this Is one of the key controllers that the customer uses

C- Product-Detail as It has the highest total time and highest maximum time.

D- Home-IncludeHeaderMenu as It has highest average time.

Answer:

C

Explanation:

Focusing on the 'Product-Detail' controller is prudent given that it has the highest total time and the highest maximum time (Answer C), suggesting that it significantly contributes to the overall load and potential slowdowns on the site. By analyzing and optimizing this controller, the architect can potentially achieve the most substantial improvement in performance. Efforts might include optimizing database queries, caching frequently requested data, or simplifying complex logic in the Product-Detail page's processing.

Question 10

Question Type: MultipleChoice

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 * 404 page error when accessedwith a parameter in the URL.

What should the Architect recommend to fix that issue?

Options:

A- Add dynamic catch-all rule to redirect to home page.

B- Add this snippet to the aliases configuration for the domain:

C- Add this snippet to the aliases configurationfor the domain

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

Answer:

A

Explanation:

To address the issue of the site returning a 404 error when accessed with a parameter from Google search results, a dynamic catch-all rule to redirect such requests to the homepage is an effective solution (Answer A). This approach ensures that users landing from external links with appended parameters, which might not match any configured route or alias, are redirected to a valid page instead of seeing an error page. This improves the user experience and minimizes potential bounce rates caused by broken links or outdated URLs.

Question 11

Question Type: MultipleChoice

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 verificationcall.

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

Options:

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 customobject that is used from the storefront code

Answer:

C, D, E

Explanation:

To efficiently use the REST-based Address Verification Service (AVS) while maintaining security, it is crucial to manage token usage and refresh effectively. Using a custom cache to store the token (Answer C) prevents unnecessary authentication calls by reusing the valid token, thus reducing the number of chargeable requests. Implementing HTTPService caching for the client authentication call (Answer D) optimizes the performance by caching the response, thereby avoiding repetitive and unnecessary calls. Lastly, employing a scheduled job to regularly update and store the token in a custom object (Answer E) ensures that the token is always up-to-date and available for use without repeated authentication, thus optimizing the cost and efficiency of using the AVS.