Question 1

Northern Trail Outfitters is seeking to improve the performance and security of outbound integrations from Salesforce to on-premise servers.

What should the Architect consider before recommending a solution?

Options:

A- External gateway products in use

B- A Default gateway restrictions

C- Considerations for using Deterministic Encryption

D- Shield Platform Encryption Limitations

Answer:

A

Question 2

A large enterprise customer has decided to implement Salesforce as their CRM. The current system landscape includes the following:

1. An Enterprise Resource Planning (ERP) solution that is responsible for Customer Invoicing and Order fulfillment.

2. A Marketing solution they use for email campaigns.

The enterprise customer needs their sales and service associates to use Salesforce to view and log their interactions with customers and prospects in Salesforce.

Which system should be the System of record for their customers and prospects?

Options:

A- ERP with all prospect data from Marketing and Salesforce.

B- Marketing with all customer data from Salesforce and ERP.

C- Salesforce with relevant Marketing and ERP information.

D- New Custom Database for Customers and Prospects.

Answer:

C

Explanation:

Question 3

Question Type: **MultipleChoice**

Northern Trail Outfitters uses a custom Java application to display code coverage and test results for all of their enterprise applications and is planning to include Salesforce as well.

Which Salesforce API should an Integration Architect use to meet the requirement?

Options:

A- SOAP API

B- Analytics REST API

C- Metadata API

D- Tooling API

Answer:

D

Explanation:

Question 4

Question Type: MultipleChoice

Northern Trail Outfitters has a requirement to encrypt few of widely used standard fields. They also want to be able to use these fields in workflow rules.

Which security solution should an Integration Architect recommend to fulfill the business use case?

Options:

A- Cryptography Class

B- Data Masking

C- Classic Encryption

D- Platform Shield Encryption

Answer:

D

Explanation:

https://help.salesforce.com/articleView?id=data_mask_overview.htm&type=5

https://help.salesforce.com/articleView?id=security_pe_vs_classic_encryption.htm&type=5

Question 5

Question Type: MultipleChoice

An enterprise architect has requested the Salesforce Integration architect to review the following (see diagram & description) and provide recommendations after carefully considering all constraints of the enterprise systems and Salesforce platform limits.
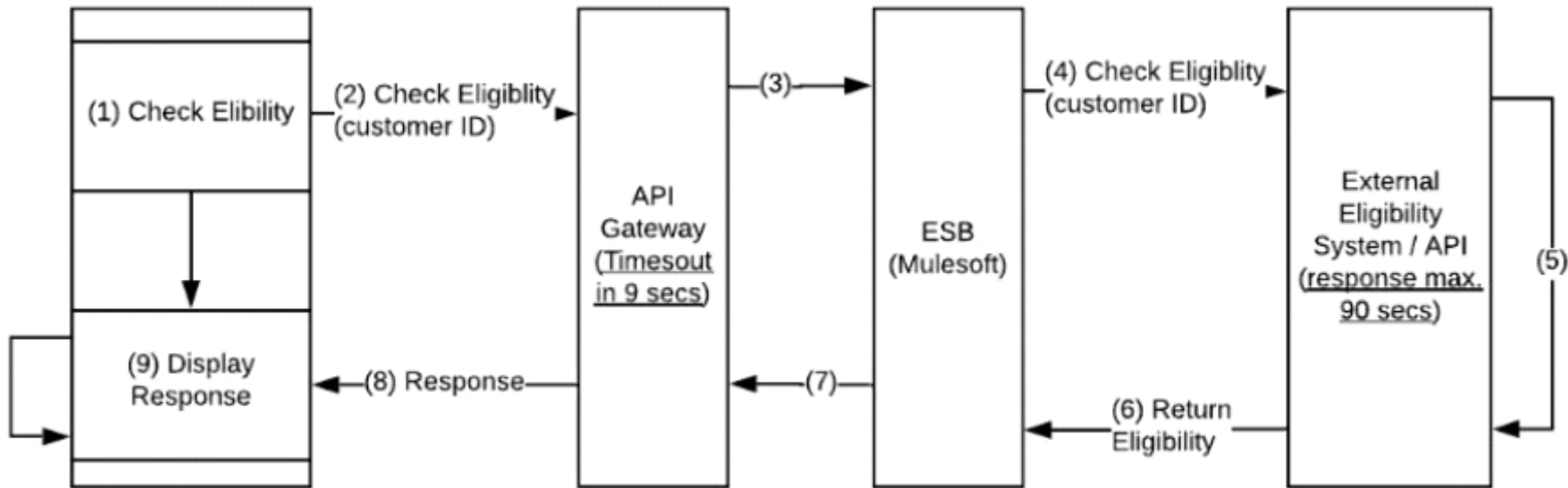
Salesforce - Lightning UI

* About 3,000 phone sales agents use a Salesforce Lightning UI concurrently to check eligibility of a customer for a qualifying offer.

* There are multiple eligibility systems that provides this service and are hosted externally. However, their current response times could take up to 90 seconds to process and return (there are discussions to reduce the response times in future, but no commitments are made).

* These eligibility systems can be accessed through APIs orchestrated via ESB (MuleSoft).

* All requests from Salesforce will have to traverse through customer's API Gateway layer and the API Gateway imposes a constraint of timing out requests after 9 seconds.

Which three recommendations should be made?

Choose 3 answers

Options:

A- ESB (Mule) with cache/state management to return a requestID (or) response if available from external system.

B- Recommend synchronous Apex call-outs from Lightning UI to External Systems via Mule and implement polling on API gateway timeout.

C- Use Continuation callouts to make the eligibility check request from Salesforce from Lightning UI at page load.

D- When responses are received by Mule, create a Platform Event in Salesforce via Remote-Call-In and use the empAPI in the lightning UI to serve 3,000 concurrent users.

E- Implement a 'Check Update' button that passes a requestID received from ESB (user action needed).

Answer:

A, C, E

Question 6

Question Type: **MultipleChoice**

A company in a heavily regulated industry requires data in legacy systems to be displayed in Salesforce user interfaces (UIs). They are proficient in their cloud-based ETL (extract, transform, load) tools. They expose APIs built on their on-premise middleware to cloud and on-premise applications.

Which two findings about their current state will allow copies of legacy data in Salesforce?

Choose 2 answers

Options:

A- Only on-premise systems are allowed access to legacy systems.

B- Cloud-based ETL can access Salesforce and supports queues.

C- On-premise middleware provides APIs to legacy systems data.

D- Legacy systems can use queues for on-premise integration.

Answer:

B, C

Question 7

Question Type: **MultipleChoice**

Northern Trail Outfitters (NTO) leverages Sales Cloud for tracking and managing leads, accounts, contacts, and opportunities- Orders and order fulfillment is taken care of by an Order Management System (OMS) in the back-office. When an opportunity has changed it's status to "Closed/Won" and there are products attached, the details should be passed to the OMS for fulfillment operations.

The callout from Salesforce to the OMS should be synchronous.

What should an Integration Architect do to satisfy these requirements?

Options:

A- Write a trigger that invokes an Apex proxy class to make a REST callout to the Order Management System.

B- Use Process Builder to call an Apex proxy class to make a REST callout to the Order Management System.

C- Develop a batch Apex job that aggregates Closed Opportunities and makes a REST callout to the Order Management System hourly.

D- Build a Lightning Component that makes a synchronous Apex REST callout to the Order Management System when a button is clicked.

Answer:

B

Question 8

A company's security assessment noted vulnerabilities on the un managed packages in their Salesforce orgs, notably secrets that are easily accessible and in plain text, such as usernames, passwords, and OAuth tokens used in callouts from Salesforce.

Which two persistence mechanisms should an integration architect require to be used to ensure that secrets are protected from deliberate or inadvertent exposure?

Choose 2 answers

Options:

A- Encrypted Custom Fields

B- Named Credentials

C- Protected Custom Metadata Types

D- Protected Custom Settings

Answer:

A, B

Question 9

An Integration Architect has built a solution using REST API, updating Account, Contact, and other related information. The data volumes have increased, resulting in higher API calls consumed, and some days the limits are exceeded. A decision was made to decrease the number of API calls using bulk updates. The customer prefers to continue using REST API to avoid architecture changes.

Which REST API composite resources should the Integration Architect use to allow up to 200 records in one API call?

Options:

A- SObject Collections

B- SObject Tree

C- Batch

D- Composite

Answer:

B

Explanation:

https://developer.salesforce.com/docs/atlas.en-us.api_rest.meta/api_rest/resources_composite_sobject_tree.htm

Question 10

Universal Containers (UC) is currently managing a custom monolithic web service that runs on an on-premise server.

This monolithic web service is responsible for Point-to-Point (P2P) integrations between:

1. Salesforce and a legacy billing application

2. Salesforce and a cloud-based Enterprise Resource Planning application

3. Salesforce and a data lake.

UC has found that the tight interdependencies between systems is causing integrations to fail.

What should an architect recommend to decouple the systems and improve performance of the integrations?

Options:

A- Re-write and optimize the current web service to be more efficient.

B- Leverage modular design by breaking up the web service into smaller pieces for a microservice architecture.

C- Use the Salesforce Bulk API when integrating back into Salesforce.

**D-** Move the custom monolithic web service from on-premise to a cloud provider.

Answer:

B

Question 11

Question Type: MultipleChoice

A company's cloud-based single page application consolidates data local to the application with data from on premise and 3rd party systems. The diagram below typifies the application's combined use of synchronous and asynchronous calls.
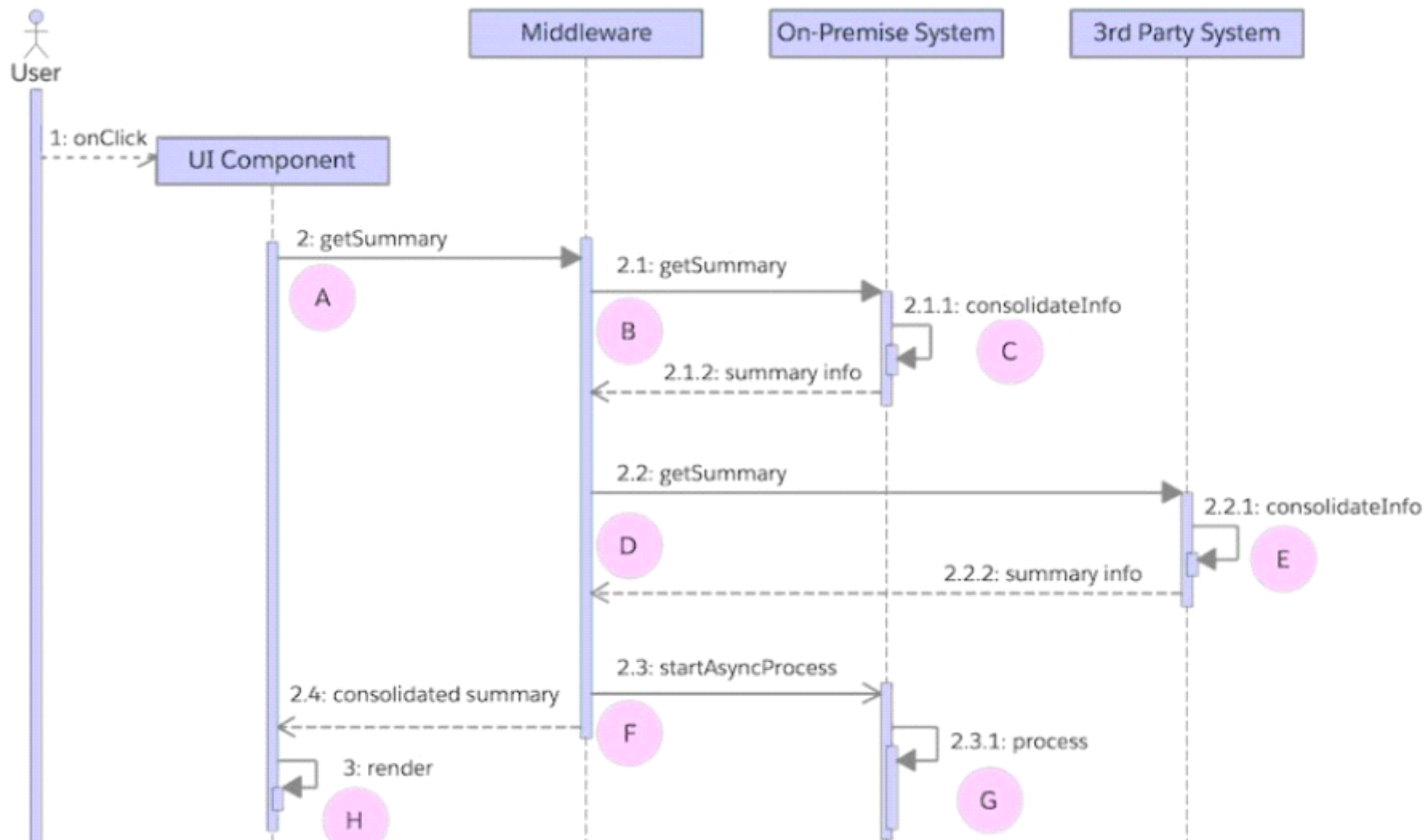
The company wants to use the average response time of its application's user interface as a basis for certain alerts. For this purpose, the following occurs:

1. Log every call's start and finish date and time to a central analytics data store.

2. Compute response time uniformly as the difference between the start and finish date and time --- A to H in the diagram.

Which computation represents the end-to-end response time from the user's perspective?

Options:

A- Sum of A to H

B- Sum of A to F

C- Sum of A, G, and H

D- Sum of A and H

Answer:

D

Question 12

Question Type: **MultipleChoice**

A company needs to integrate a legacy on premise application that can only support SOAP API. After the Integration Architect has evaluated the requirements and volume, they determined that the Fire and Forget integration pattern will be most appropriate for sending data from Salesforce to the external application and getting response back in a strongly typed format.

Which integration capabilities should be used to integrate the two systems?

Options:

A- Outbound Message for Salesforce to Legacy System direction and SOAP API using Enterprise WSDL for the communication back from legacy system to salesforce.

B- Platform Events for Salesforce to Legacy System direction and SOAP API using Partner WSDL for the communication back from legacy system to salesforce.

C- Platform Events for Salesforce to Legacy System direction and SOAP API using Enterprise WSDL for the communication back from legacy system to salesforce.

D- Outbound Message for Salesforce to Legacy System direction and SOAP API using Partner WSDL for the communication back from legacy system to salesforce.

Answer:

A