

## Get Mobile-Solutions-Architecture-Designer Products Practice Material for Mobile-Solutions-Architecture-Designer Exam Question Preparation [Q26-Q50]



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What is the duration of the Mobile-Solutions-Architecture-Designer Exam - Format: Multiple choices, multiple answers- Length of Examination: 120 minutes- Number of Questions: 60- Passing Score: 68%

Salesforce Mobile-Solutions-Architecture-Designer Exam Syllabus Topics:

TopicDetailsTopic 1- Explain The Capabilities Provided By The Lightning Platform To Accelerate Mobile DevelopmentTopic 2- Articulate The Key Capabilities Of The Mobile SDK, Including Authentication- Authorization (Including SSO), Offline Storage, Use Cases, And Sync CapabilitiesTopic 3- Given A Scenario, Describe How Lightning Components May Be Used In A Mobile SolutionTopic 4- Given A Customer Scenario, Define The Most Appropriate Salesforce App SolutionTopic 5- Identify Scenarios Where Javascript Remoting Can Address Specific Performance ProblemsTopic 6- Design A Mobile Architecture Solution That Encompasses One Or More Mobile Operating Systems And Many Device TypesTopic 7- Describe The Risks And Organizational Considerations Associated With The Choice Of A Mobile Architecture (HTML5, Native, Hybrid, Or Salesforce)Topic 8- Describe The Design Considerations, Trade-Offs, And Risks For Mobile Solutions And Recommend The Appropriate Mobile Platform: HTML5, Native (Ios- Android- Windows Mobile), Hybrid Solutions, Or

Salesforce Mobile App  
Topic 9- Articulate How To Secure A Mobile Application And Its Data, Including Offline Data Encryption  
Topic 10- Describe Where Visualforce Optimizations Such As Minimizations Of View State And Lazy Loading Can Enhance Mobile Application Performance  
Topic 11- Describe How The Push Notification Capability Of Salesforce Can Be Used To Support Specific Customer Scenarios  
Topic 12- Articulate Design Trade-Offs, Security Considerations, And Device Syncing Options  
Topic 13- Given A Scenario, Develop The Most Appropriate Mobile Architecture (HTML5, Native, Hybrid, Or Salesforce)  
Topic 14- Describe How The Offline Capability Of The Salesforce App May Be Leveraged To Support A Specific Customer Scenario

**NO.26** Universal Containers is building a mobile application that connects to Salesforce for reading and updating data. What is the appropriate authentication solution?

- \* Create a mobile Integration user ID whose credentials are stored within the mobile application code.
- \* Prompt for the mobile user's username and Password; utilize the OAuth Username-Password flow to obtain an OAuth token.
- \* Redirect to Salesforce via the User-agent OAuth flow to obtain an access token and refresh token.
- \* Prompt for the mobile user's username and password; utilize the Enterprise WSDL login() operation to obtain a session ID.

**NO.27** Universal Containers would like to display data from an external system inside of Salesforce, and has chosen not to enable Lightning Experience. They do not need the data for any other purposes within Salesforce. Which approach should an Integration Architect recommend that matches the Salesforce UI? Choose 2 answers

- \* An iFrame embedding a custom .Net application that displays data from the other systems.
- \* A custom Visualforce page with a controller that calls-out to the other systems.
- \* A custom Visualforce page with client-side calls out to the other systems.
- \* A middleware orchestration to continuously persist data from other systems into Salesforce.

**NO.28** Universal Containers uses a legacy system to receive and handle Level 1 service requests, and Salesforce Service Cloud for Level 2 requests and above. Cases will be pushed from the legacy system to Service Cloud by a nightly batch process. Once the cases are closed in SF, the case needs to be updated in the legacy system as soon as possible. How should the Technical Architect recommend that case status be updated in the legacy system?

- \* Use Apex callout to send case status from Salesforce to the legacy system.
- \* Use outbound messages to send status updates from Salesforce to the legacy system.
- \* Use a middleware tool to pull case status from Salesforce and push to the legacy system at regular intervals.
- \* Write an Apex web service returning case status, to be called from the legacy system.

**NO.29** Universal Containers acquires Planetary Shipping and decides to migrate all customer contacts of Planetary Shipping into Universal Containers Salesforce org. Due to the lack of a common unique identifier, they decide that a combination of first name, last name, and street address could be used as a key to identify duplicate contacts. These three fields are populated on all contacts in both the systems. Which two methods should be considered to load contacts into Universal Containers org and avoid creation of duplicate contacts? Choose 2 answers

- \* Create a new text field to contain a hashed value for (first name+last name + street number) in Universal Containers org and define it as External ID.
- \* Create an indexed formula field for (first name+last name + street number) so that a search can be done on the key before loading records.
- \* Create a new formula field for (first name+last name + street number) in Universal Containers org and use it as External ID.
- \* Create no new fields, but define the three fields (first name+last name + street number) as External IDs in Universal Containers org.

**NO.30** Universal Containers is currently doing User Acceptance Testing for small changes in a Developer sandbox.

Users are complaining that allow release to production, some functionality is broken and performance is often negatively impacted. What is causing these complaints?

- \* Users should be testing in a Partial Sandbox in order to replicate Production functionality and performance characteristics.
- \* Users should be testing in a Full Sandbox in order to replicate Production functionality and performance characteristics.
- \* Users should be testing with data loaded into the Developer sandbox in order to replicate Production functionality and performance, characteristics.
- \* Users should be testing in a Developer Pro sandbox in order to replicate Production functionality and performance characteristics.

**NO.31** Universal Containers is hearing complaints from users that recently released changes while they meet the functional requirements are not actually usable and/or do not meet their expectations for user experience for example, a Visualforce page that takes too long to display the first page of data. Which two types of testing should a technical Architect implement to reduce or eliminate the complaint? Choose 2 answers

- \* user Acceptance Testing
- \* Unit Testing
- \* Regression Testing
- \* Performance testing

**NO.32** Universal Containers would like to display data from an external system inside of Salesforce, and has chosen not to enable lightning Experience. They do not need the data for any other purposes within Salesforce. Which approach should an Integration Architect recommend that matches the Salesforce UI? Choose 2 answers

- \* An iFrame embedding a custom .Net application that displays data from the other systems.
- \* A custom visualforce page with a controller that calls-out to the other systems.
- \* A custom Visualforce page with client-side calls out to the other systems.
- \* A middleware orchestration to continuously persist data from other systems into Salesforce.

**NO.33** Universal Containers is replacing a home-grown CRM system. Currently, a .Net application runs a batch process to query the CRM system nightly and create a CSV file that is picked up via SFTP and loaded to a SQL database. What technology should an architect use to minimize custom development when replacing the CRM system with Salesforce?

- \* Outbound messaging
- \* APEX Batch
- \* APEX Callout
- \* Middleware

**NO.34** Universal Containers is currently doing User Acceptance Testing for small changes in a Developer sandbox.

Users are complaining that allow release to production, some functionality is broken and performance is often negatively impacted. What is causing these complaints?

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- \* Users should be testing with data loaded into the Developer sandbox in order to replicate Production functionality and performance, characteristics.
- \* Users should be testing in a Developer Pro sandbox in order to replicate Production functionality and performance characteristics.

**NO.35** Which two approaches should an Integration Architect recommend to allow access to on-premise systems by Salesforce? Choose 2 answers

- \* Place the systems in a DMZ.
- \* Whitelist Salesforce IPs on the firewall.
- \* Utilize two-way (mutual) SSL
- \* Whitelist the corporate IPS in Salesforce.

**NO.36** Universal Containers is using the enterprise WSDL to integrate their financial system to Salesforce, while reading the release notes for the upcoming Salesforce release the architect discovers a new object will be added to the Salesforce data model that would be beneficial for the financial system integration. What two actions should the architect take to ensure the new object will be available to the financial system integration? Choose 2 answers

- \* Download the latest enterprise WSDL that contains the new object definition to generate Web service stubs for the new Salesforce object.
- \* Download the latest partner WSDL that contains the new object definition to generate web services stubs for the new Salesforce object
- \* Migrate to the partner WSDL to generate a generic sObject service stub that can be leveraged for existing and future Salesforce objects
- \* Migrate to the metadata API to download the new Salesforce sObject definition into the financial system integration.

**NO.37** Universal Containers (UC) leverages the standard opportunity and opportunity product objects to manage their orders in Salesforce. When a deal is closed, all opportunity information, including products and billing contacts, must be sent to their ERP application for order fulfillment. As UC has an "express shipping" guarantee, leadership would like order information sent to ERP as quickly as possible after the deal is closed?

How should an Architect fulfill this requirement?

- \* Write a nightly batch job to send customer information to ERP.
- \* Write a Visualforce page to send order information to ERP.
- \* Write an opportunity trigger to send order information to ERP.
- \* Write an outbound message to send order information to ERP.

**NO.38** An insurance company decides to build an online portal using the Salesforce platform for receiving quote requests from customers. The company has a legacy quoting system that will generate quotes while the rest of the sales process is managed by Salesforce Sales Cloud. The legacy system has an API for creating quotes. What implementation method should be used so that customers can request quotes online and receive them in real time?

- \* Middleware tool to pull quote requests from SF and push to the legacy system.
- \* Trigger with an @future method to send quote requests to the legacy system.
- \* Outbound message to send quote requests from Salesforce to the legacy system.
- \* Apex callout to send quote requests from Salesforce to the legacy system.

**NO.39** What are the two considerations of Apex REST services that an integration architect should keep in mind when building custom integrations? Choose 2 answers

- \* They cannot utilize publisher actions.
- \* They require unit and functional testing
- \* They cannot be built or maintained declaratively
- \* They consume more API limits than SOAP or REST API

**NO.40** Universal Containers is building a native mobile application that queries and updates data in their Salesforce in real time. What statement is correct about the Salesforce APIs?

- \* Enterprise WSDL minimizes payload size.
- \* REST API supports OAuth
- \* Enterprise WSDL supports WS-Security
- \* REST API supports WS-Security.

**NO.41** An insurance company decides to build an online portal using the Salesforce platform for receiving quote requests from customers. The company has a legacy quoting system that will generate quotes while the rest of the sales process is managed by Salesforce Sales Cloud. The legacy system has an API for creating quotes.

What Implementation method should be used so that customers can request quotes online and receive them in real time?

- \* Middleware tool to pull quote requests from SF and push to the legacy system.
- \* Trigger with an @Future method to send quoterequests to the legacy system.
- \* Outbound message to send quote requests from Salesforce to the legacy system.
- \* Apex callout to send quote requests from Salesforce to the legacy System.

**NO.42** What are two benefits of canvas that an Integration Architect should consider when exposing external systems from within Salesforce?Choose 2 Answers

- \* Canvas can provide authorization information via the signed Request.
- \* The canvas SDK can be used to make an external systems UI look like Salesforce.
- \* Canvas can send data to an external system asynchronously.
- \* Canvas endpoint URLs can be dynamically changed via a Lifecycle Handler.

**NO.43** Universal Containers has decided that they will be using the bulk API to migrate the existing data into Salesforce as they will be importing a total of 80 million records.While planning for the data migration, what techniques should the Architect recommend to make sure the load go according to schedule?Choose 2 answers

- \* Pre-process data that the triggers and workflows can be deactivated.
- \* Perform a test load using a full Sandbox prior to the Production load.
- \* Perform loads over a weekend server resource availability.
- \* Leverage several workstations, loading different objects simultaneously.

**NO.44** Universal Containers has just purchased large volume of contact data from an external vendor. The head of sales would like to use the new data set within the existing production org. The production org currently contains a large volume of contacts.What should an Architect recommend to prevent data duplication in salesforce?

- \* Load the data into salesforce and then utilize the contact Duplicate Rule feature
- \* Utilize an off-platform de-duplication tool prior to loading.
- \* Create a de-duplication trigger before loading the data.
- \* Utilize a batch apex process to de-duplicate the data after loading.

**NO.45** Universal Containers is planning a data migration into Salesforce and must decide whether to use the Bulk API or the SOAP API.Which three statements are true about the Bulk API and REST API?Choose 3 answers

- \* DML limits on Bulk are not governed on Salesforce servers.
- \* The SOAP API provides job monitoring on the Salesforce setup menu.
- \* The Bulk API allows multiple attachments to be loaded from within a single ZIP file.
- \* The SOAP API avoids record locking contention on parent objects of Master-Details relationship.
- \* The Bulk API may cause record locking contention on parent objects of Master-Details relationship.

**NO.46** Universal containers has used Outbound Messaging to integrate with their billing system. Their billing system has frequent outages that don't last more than a couple of hours.Which two aspects of Outbound Messaging might the customer experience issues with as a result of these outages?Choose 2 answers

- \* Out-of-order delivery.
- \* Duplicate messages
- \* Orphaned Requests
- \* Exceeding Governor Limits.

**NO.47** Which two options should be considered to permit automatic retry of failed updates when loading data into Salesforce?Choose 2 answers

- \* Bulk API with serial option.
- \* Standard API with parallel option.

- \* Bulk API with parallel option.
- \* Standard API with serial option.

**NO.48** Universal containers has built an integration module to pull customer support tickets out of various systems and push them to salesforce as cases. The integration was implemented using Salesforce SOAP API with batch size 200, and the jobs are scheduled to run every 30 minutes to make sure a job completes before the next job starts. After going Live, they found that jobs are failing occasionally due to a `Max CPU time exceeded` error thrown from a trigger on the case. Reducing the batch size to 100 would resolve the issue, but the jobs would then take an average of 35 minutes to run. Which two options should be considered to resolve the issue and make sure a job completes before the next one starts? Choose 2 answers

- \* No change to API options, and move the trigger code into a future method.
- \* No change to API options, and move the trigger code into a Queueable apex
- \* Bulk API with serial option and batch size 100, and no code changes
- \* Bulk API with parallel option and batch size 100, and no code changes.

**NO.49** What are the three capabilities of the Bulk API? Choose 3 answers

- \* process multiple batch jobs asynchronously
- \* Process multiple batch jobs synchronously
- \* Roll back all transactions within a batch of 10000 records
- \* Monitor job status via the API.
- \* Monitor job status via the Web UI.

**NO.50** Universal Containers has built an integration using the SOAP API to load records from a back-office system into Salesforce. The records created in the back-office system must be loaded into Salesforce in almost real time, so a custom module was written to identify CRUD events in the back-office system and perform sync with Salesforce. UC has several other systems that integrate with Salesforce through the SOAP API using separate integration users. What is a risk involved with this sort of integration?

- \* Too many concurrent sessions
- \* Reaching an API call limit.
- \* Reaching a logins per Day limit.
- \* Too many record-lock errors

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