

Integration Developer → Sample Project

GENERAL GUIDANCE:

In this sample project, we want to go through the exercise of creating a working Azure Integration based Solution using a real world use case.

GOALS:

- A high-level design of how you solved for this use case including what capabilities/services you employed to do so
 - Preference to the use of the following integration services:
 - Logic App(s) → Main Orchestration of the service
 - Function(s) → Specific units of work leveraged by Logic App(s)
 - Other(s) → API Management, Service Bus, EventGrid, etc. but only if you see fit and have the time...
- A fully working solution with all Source Code in a proper, accessible repository
 - Note this include valid and passing unit tests
- Solution built and deployed into Azure
- A demonstration of the solution successfully running in the Cloud environments, i.e. no local business...

A Sample Phased CRM Migration Project

Vandelay Industries has been running its sales pipeline off of a free version of Zoho CRM for years with mild success. Recently, some new Investors have been brought in to help kickstart some growth and help them gain more market share in the import/export market. As part of this deal, they have brought on a new VP of Sales and tasked him with some aggressive sales targets. His first order of business has been to engage a Vendor to stand up a Salesforce Solution to improve their Sales processes and Pipelines.

While the Vendor Salesforce Implementation team is taking care of that project, the VP of Sales has also stated that it will likely take them 1 full year to fully migrate off of their Zoho Instance. As such, he is looking for an Integration solution that syncs any Sales Data Created/Updated in Zoho over into the Salesforce instance so it can be the system of record going forward.

He is less concerned about Leads and is primarily concerned with syncing the Accounts, Contacts, and Opportunity Records once the Leads are qualified and converted.

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REQUIREMENTS:

- **Must Haves:**

- Any new or updated Accounts in Zoho are reflected in Salesforce
- Any new or updated Contacts in Zoho are reflected in Salesforce
- Any new or updated Opportunities in Zoho are reflected in Salesforces

- **Nice to Haves:**

- A mechanism to track which records were successfully (or unsuccessfully) synced from Zoho to Salesforce
- Enhanced Error Handling with notification to a Slack channel (or similar) when an Exception has occurred

Resources: You may use whatever tools and other resources you consider useful for the overall solution, but keep them relevant to the theme of the project

Logistics: Make up any information you need to make this sample project valuable

Costs: All Applications, services, and tools should be available free of charge through trials, demo's, etc. Please do not enter a credit card into anything, this sample project should not cost you any money to complete...