**Sephora – Consulting for Apigee Migration to GCP**

1. **About the Customer**

A leading beauty retailer growing twice faster than the market. With our 2600 stores & corners in 38 markets and our 31 websites, we offer clients a unique retail experience with innovative services and nearly 300 beauty brands including own brand and collection. Their global footprint reaches across 30+ offices in 24 different countries with a strong focus in retail capabilities.

1. **Business Challenges**

The client required to delivery with our 100% offshore team to implement following solutions:

* + Develop a roadmap for long-term alignment of Apigee API Management platform for US and Canada regional setup, evaluating future scope of services implementation , including platform scalability, security, extension of use cases, manageability, and cost.
  + Present a plan with key milestone for implementation of Apigee API Management platform for multi cloud environment.
  + Calculate a cost comparison matrix for implementing Apigee API Management platform as pure SaaS, Hybrid, or OPDK.
  + Analyze existing API Management platform implemented using Apigee OPDK v50.0.0, hosted in 2 datacentres (On-premises and Azure Cloud). Drupal 7 based API developer Portal to identify optimization opportunities..
  + Majority of the API Providers are currently hosted on Azure Cloud. 60% transactions traffic requires security policies enables on API Gateway and orchestrate routing to Azure hosted microservices.

1. **Intelliswift Solution**

Intelliswift teams are involved in:

* + Assessment and evaluation of current Apigee platform to identify enhancement and optimization opportunities in the setup..
  + Recommended the target topology to use Apigee X + Apigee Envoy Adapter considering following dimensions:
    - Synergy with Customer landscape.
    - Cost effectiveness.
    - Alignment with the enterprise strategy on usage of Apigee API Gateway for microservices.
    - Volume projections.
    - Future looking roadmap for multi-cloud enablement of API Gateway.
  + Approach to plan Migration of API proxies to Apigee X and Apigee Envoy Adapter with minimal disruption to existing customers.
  + Prepared assessment report with implementation priorities and strategy aligned to Apigee platform implementation that includes Apigee API Management Roadmap & Plan including proposed Architectural topology and cost benefit analysis between the current and proposed Apigee API Management platforms.
  + Analysed the existing and projected Apigee platform interactions with systems and applications and derived key criterion for the assessment of the proposed model.
  + Provided inputs to align customer API program with their key vision on Digital Transformation roadmap.
  + Described considerations and guidelines for data and API transactions pertaining to networking and security

1. **Benefits Delivered**

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* + Provided Roadmap to move to GCP and newer version of Apigee before end-of-license.
  + A 3-year cost model worked out in Partnership with Google to provide a cost optimization vis-à-vis their current license and growth plan, approximately saving of 26% over long term technical debt and implementation cost
  + Informed insights to customers on their current implementations and unused artifacts in existing implementation that can be retired and save on overall maintenance cost of APIs
  + Highlighted areas which can be re-modelled for efficiency, process improvement and optimization

1. **Tech Stack**

**Apigee X, Apigee Edge, GCP , Azure DevOps**

1. **Testimonials (if any)**
2. **Architecture**