Apigee API Jam:
API Management Fundamentals

Why should you attend Apigee API Jams?

Google's Apigee API Jam workshop provides a streamlined approach to evaluating the Apigee API Management platform. The lab-based workshop curriculum covers the most critical evaluation criteria that companies should consider when selecting an API management platform. This workshop takes into account the experience of 1000+ Google customers who have used Apigee to implement a successful API program. It will teach you how to use the Apigee platform to

- easily expose your backend services as secure, scalable APIs,
- build a great developer on-boarding experience that promotes self-service and fast API consumption,
- channelize the use of APIs through productization, and
- monitor and measure the usage of your APIs using powerful real-time analytics.

By the end of this workshop, you will walk away with practical hands-on experience using the Apigee API Management platform, along with an understanding of its comprehensive capabilities.

Who should attend Apigee API Jams?

This workshop will be valuable to App and API Developers, Enterprise Architects, Product Managers (focused on API product design), SecOps/DevOps/EngOps folks, and anyone who wants to understand how to create successful API programs.

Pre-requisites

- Sign up for an account on https://ce.qwiklabs.com with your email address.
- Laptop, Internet connection, and a modern web browser like Chrome (v50+) to access the Apigee Platform UI and Qwiklab. You will need to access the labs in incognito mode.

Workshop Agenda

API Design & Creation Design an API with OpenAPI Specification, create an API Proxy to expose the API. **API Products, Apps & API Keys** Secure APIs with API Keys, bundle APIs into API Products and understand the association between Apps, API Products & API Keys (client credentials). **Traffic Management & API Product Tiers** Throttle your API Traffic to prevent DoS, using Apigee Spike Arrest. Rate Limit API Consumption based on API Product tier Quotas.	**API Consumer Experience with Developer Portals** Publish an API Products Catalog through a self-service Developer Portal, build and test an API Consumer on-boarding experience, and manage API consumption. Restrict access to resources using Teams and Audience entitlements. **API Analytics** Measure your API program with Apigee Analytics, API Monitoring and Security Reporting.

Useful Links

Apigee Documentation
Introduction to Apigee X
Apigee Community
2020 Gartner Magic Quadrant
State of API Economy 2021 Report

Customer Feedback

"Apigee is a big win for us and for partners. We're connecting systems with far fewer resources and speeding time to market for services." - Adam Brancato, Senior Manager, Customer Applications,Citrix

"Apigee is an end-to-end solution. We could get what we needed—from the first touch of the customer to the end touch of the API. Things like security, scalability, resiliency—all of these were key factors." - Shawn Gilmour, Director of PaaS Strategy, Autodesk