

Point-to-Point (P2P) integrations can no longer keep pace with modern application integration needs



- P2P integration is time consuming, complicated, and costly
- Cannot cope with increasing demand on diversified ways of provisioning data
- Limited SaaS integration



- Simplified and rapid development
- Faster time to market for apps & services
- Multi-platform support
- High scalability & security

Challenges

When a company infrastructure only has a few components, P2P integration can seem like a lightweight way to connect everything together. Unfortunately, as the company grows, their integrations won't stay lightweight for long. Many organisations have learned the hard way, an infrastructure based on P2P integration quickly becomes unmanageable, brittle, and damaging to both the IT budget and the organisation's ability to meet current and changing business needs.

Digital business transformations increasingly demand expedient and diversified ways of provisioning data that combine endpoints on-premises and in the cloud. Tools and technologies of the past are no longer sufficient to address the demands of modern business. The increasing complexity of data and growing demand for Software as a Service (SaaS) integrations requires organisations to deploy more flexible, dynamic solutions.

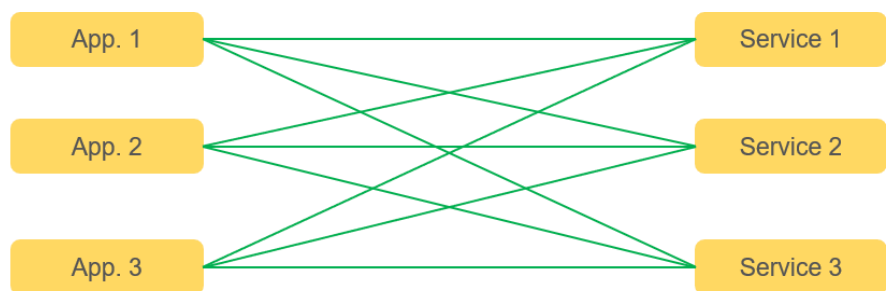


Figure 1: API Integration with Apigee Edge

Solution

There are various ways to tackle these problems however the most effective one would be to build and deploy API Integration services in a faster, standardised, and simplified pattern – resulting in a better developer

experience, faster time to market for apps & services, and eliminate Point-to-Point integration overhead. API integration ensures that applications which are connected represent the most up-to-date data while providing data integrity across a technology stack without having to worry about versioning.

The Google Apigee is an API Management software cross-cloud solution to mastering the full API lifecycle. Beyond the core features of an API gateway and developer portal, the Apigee platform delivers metrics, API design and modelling, monitoring, and advanced security, and monetisation capabilities. Apigee Edge is one of the popular API Management Solutions that support complete API development management life cycle.

How Google Apigee Edge can help

Apigee Edge is a platform that allows development and management of APIs throughout the full lifecycle – from development and publishing to maintenance and versioning of APIs. The Edge platform offers services in three layers:

- API services for creating, publishing, and securely managing your portfolio of API proxies.
- Developer services to provide access and tools to consume APIs, critical for developers to build and test applications.
- Analytics services to understand patterns of API usage, and gain visibility of details into the health and performance of your program.

Using Apigee Edge, API developers can easily and quickly build RESTful APIs that can be consumed by other app developers. These APIs are exposed on Edge by building API proxies that act as managed 'facades' for backend services. API proxies decouple the app-facing API from your backend services, shielding those apps from backend code changes thus

backend changes to your services can continue while apps continue to call the same API without any interruption.

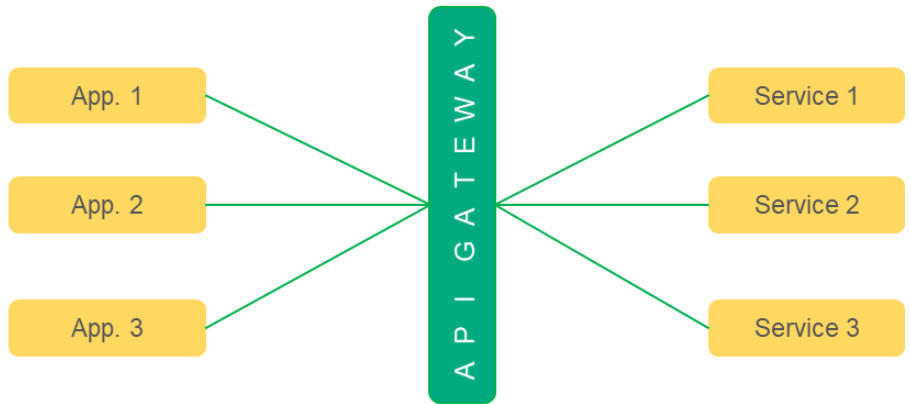


Figure 2 API GATEWAY with Google Apigee Edge