

# Enterprise API Accelerator

Modern Cloud Platform to support your journey to an API-first enterprise



## Why API-first?

An API-first strategy, correctly implemented, can support resilient business scale up enabling seamless interconnect between domains across an organization.

Adoption of API-first has proven to be a game changer for enterprises such as Amazon, Stripe and Netflix.

## Common API Challenges

For many organizations, historically, API development has been ad-hoc and organic, with APIs developed as an afterthought. This can typically lead to:

- Unsecured APIs
- Little or no documentation
- No discoverability
- Poor observability
- Lack of RESTful best practices.
- Poor developer experience
- Complex consumption patterns
- Challenging system integration

Which can slow development and adoption and impact business goals.

## Standards and Interoperability

For organizations building APIs for external consumption adherence to good RESTful API design and OpenAPI standards is important

Your customers expect nothing less!

## Enterprise API Accelerator

Enables customers to rapidly architect, configure and deploy a customized enterprise API platform tailored to their specific needs. Using our pre-canned infrastructure as code templates and expertise in technologies such as

- AWS API Gateway, Kong, Kong connect, Backstage, AD/SSO, Lambda, Github/Gitlab, CodeBuild, Code Deploy.

## Who can benefit?

- Organizations that are planning or executing cloud modernization programs.
- Enterprises moving to API-first
- Organizations that need to connect on-premises to AWS or hybrid cloud.
- Enterprises that need to accelerate developer productivity, API and microservices adoption
- Organizations that need to build APIs in regulated environments

## Case Study - Financial Services Customer

- **The Problem:** Many heterogeneous internal APIs built up over years of organic development on premise and in the cloud. Regulated environment (SOX and SOC2)
- **Solution:** API-first mindset and a centralized API Gateway to handle authentication, observability, discovery and documentation. Standardized templates, client generation and build pipelines for low friction API development.
- **Outcome:** API development time significantly reduced. Business domains focus on value generation not infrastructure. All APIs secured and audits passed.

## Benefits of An Enterprise API Platform

**Centralize 'Heavy Lifting'** - Central point for API authentication, authorization and SSO, frees developers to concentrate on business value activities.

**Discoverability and documentation** - Central developer portal and client generation enables teams to discover and consume APIs at pace.

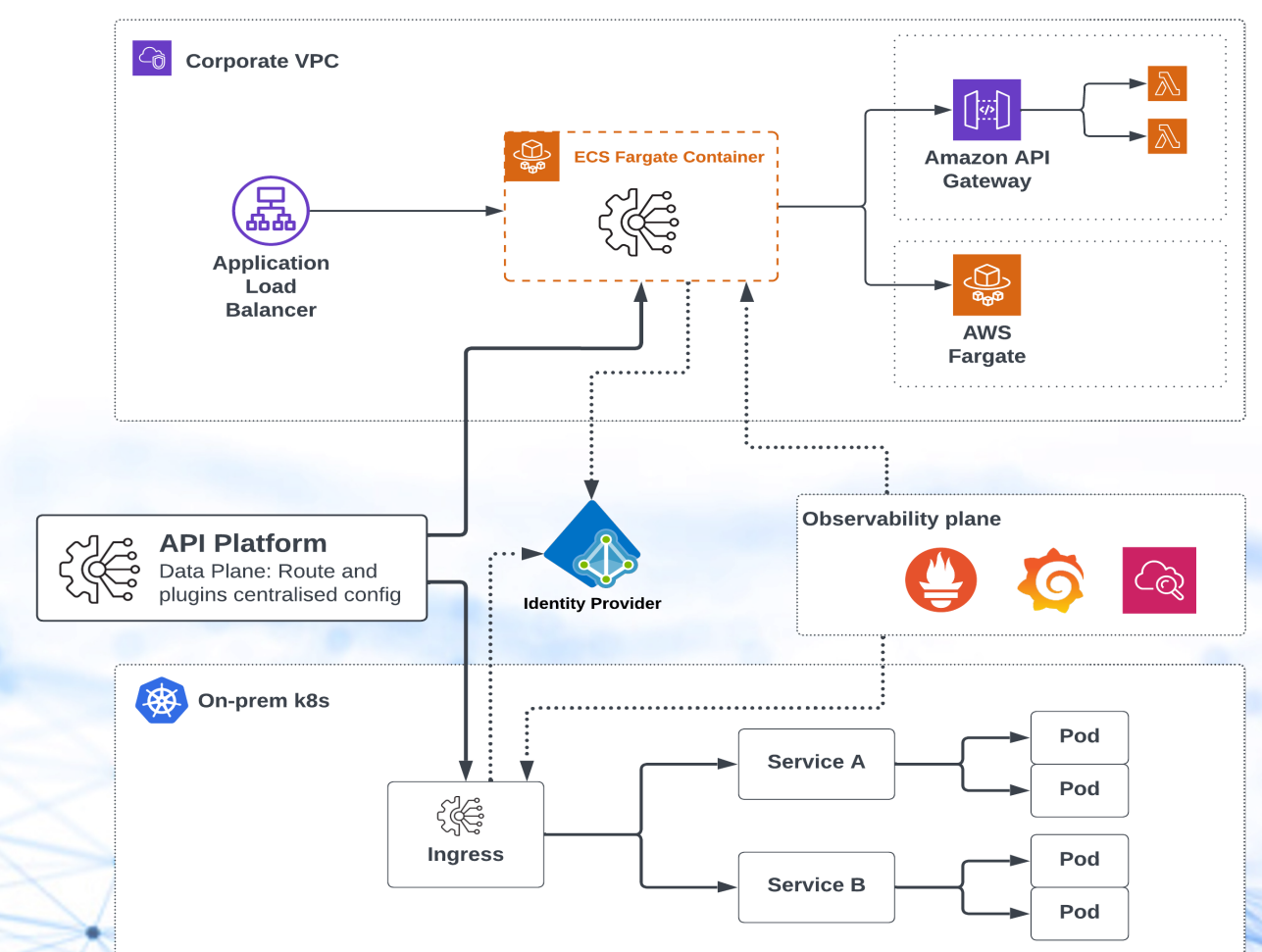
**Improved Observability** - Centralized observability for APIs. All logging, metrics and alarms in one place.

**Improve developer flow** - Accelerate API Development with customizable build and deployment pipeline templates.

**Event Driven Microservices** - An API platform forms a core part of any event driven architecture, supporting rapid microservice development and deployment.

**On Premise / Hybrid Cloud** - A common API Strategy across providers and on premises simplifies system integration

**Governance and Compliance** - Meet regulatory requirements for standards such as SOX and DORA with a proven platform architecture



- Advanced Tier Services
- AWS Lambda Delivery
- AWS ECS Delivery
- Migration Services
- Well Architected