



Next-Generation Service Control Platform for the Modern Enterprise

Kong Enterprise



As your organization's software architecture evolves, you need a better method of brokering the exchange of information by your services. Increasingly, distributed systems and rising adoption of microservices create new challenges for managing communications across your architecture. Kong Enterprise provides a simple, fast, scalable and flexible service control platform for complex modern architectures. Kong Enterprise is a full lifecycle service management platform that secures, manages and monitors all your services to accelerate innovation across all platforms, protocols and deployment patterns. Kong is the only solution that is designed to optimize today's application modernization needs through intelligent automation across the full lifecycle of APIs and services.

Use Kong Enterprise to connect your development teams, partners and customers with a unified platform. Reduce latency to less than 1ms. Remove bloating with a plugin-based architecture and lightweight integrations. Scale clusters effortlessly, regardless of environment, vendor, configuration or deployment pattern. Natively support gRPC and REST, and integrate with Apollo GraphQL server and Apache Kafka services. Kong Enterprise provides one platform for bare metal to cloud native, monolith to microservices, mesh and beyond.

Full Lifecycle Service Management



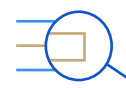
Modernization to Optimize Performance

Unlock adoption of emerging service platforms with unified communications across REST, gRPC, GraphQL and Kafka data streaming services. Transition to microservices with a cloud-native solution that also works with your existing systems.



Workflow Automation to Speed Time to Market

Enable spec-based development for all REST and GraphQL services, including Dev-to-Prod promotion. Autonomously identify service behavior anomalies in real-time to improve security, mitigate breaches and isolate issues



Governance to Improve Management

Take ownership of your infrastructure. Increase compliance with internal and industry standards. Grant access and permissions to new developers in seconds.

Running Mission-Critical Microservices & APIs on Kong Enterprise



Use Cases

CENTRALIZED MANAGEMENT

Deploy Kong Enterprise across all your platforms. Optimize performance and manage APIs across containers, cloud, hybrid and more. Instantly add functionality to your APIs and services with a library of pre-built plugins.

ACCELERATED DEPLOYMENT

Remove manual coding tasks from your deployment workflows. Integrate all service types into your existing CI/CD pipelines to automate testing and publishing activities. Streamline design and testing for REST and GraphQL services inside Kong Studio.

UNIFIED COMMUNICATIONS

Use Kong's distribution with Apollo to provide a turnkey solution for building and exposing new GraphQL services or integrating existing GraphQL and REST services. Expose Kafka topics to relevant teams via the Developer Portal or as a backend for Kong logs. Run and manage gRPC services natively within Kong.

REAL-TIME MONITORING

Unlock insights across all your services with customizable dashboards. Monitor performance to proactively spot and address anomalies within your traffic. Generate reports to visualize and share findings to optimize performance.

SECURITY AND AUTHENTICATION

Secure all your services with Kong's RBAC. Maintain authentication across distributed requests and secure end-points to minimize vulnerabilities. Integrate with AD to map Kong roles to AD groups via LDAP. Use your preferred OIDC to authenticate users. Integrate with third party Oauth 2.0 providers to ensure secure traffic flow.

Features



SCALABLE

Easily add nodes to your cluster regardless of your deployment type. Achieve flexibility at scale with microservices, serverless, mesh and more.



PERFORMANT

Dramatically reduce latency with Kong's sophisticated routing and request collapsing. Employ rate limiting to increase flexibility and accuracy.



FLEXIBLE

Deploy Kong in the cloud, on-premises or in hybrid environments, including single or global datacenter setups.

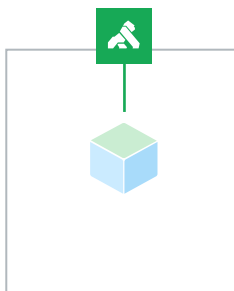


MODULAR

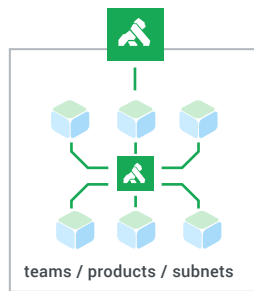
Extend Kong functionality with plugins that are installed and configured through a RESTful Admin API.

One Platform, Many Patterns

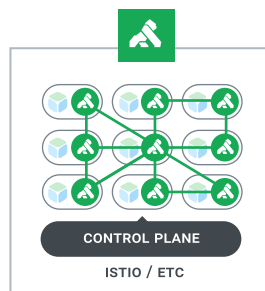
Monolith



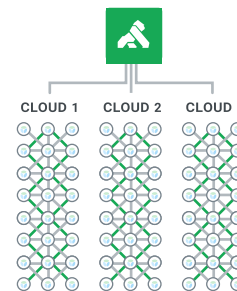
Services



Microservices/Service Mesh



Serverless/FaaS



Emerging Patterns



Kong is lightweight and fast enough to run at the edge, with Kubernetes or in a mesh, which fits our vision perfectly. Together with Kong, we achieve the low latency needed to deploy high-performance, cloud native microservices and the flexibility to seamlessly integrate them across all our systems.

– Jason Walker, Senior Enterprise Architect, Cargill



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Kong provides a next-generation service control platform to intelligently broker information across modern architectures. The world's largest companies, financial institutions, and government agencies use Kong to orchestrate, secure, manage, and monitor their services infrastructure.