Kong

Powering the API world

Kong Konnect

Unified Cloud-Native API Management Platform to Optimize Any Environment

Compelling digital experiences are the key to new revenue streams and competitive advantage. Organizations overcome this challenge through applications that are built with modern architectures using microservices, meshes and containers, managed through Kubernetes. These modern approaches deliver the agility required to keep up with business demands.

At the same time, businesses are expanding their IT infrastructure to multiple clouds and hybrid environments. Services need to be connected reliably and securely across clouds, data-centers, protocols and architectures, and environments that are constantly evolving as enterprises accelerate their journey towards modernization. Businesses want the flexibility to select from a number of platforms, tools, and deployment options that best fits their needs and use cases

Kong Konnect is the unified, cloud-native API management platform to optimize any environment. Kong Konnect empowers organizations to efficiently publish, consume, secure, analyze and manage APIs and services across modern and legacy applications on any cloud, platform, protocol or architecture. Kong Konnect enables organizations to:

Reduced Operational Complexity

Streamline the operation of Kong Gateways, Kong Mesh and Kong Ingress Controller.

Federated Governance at Scale

Enforce consistency, compliance, governance and observability while promoting collaboration.

Full API Lifecycle Management

Support the entire API lifecycle from easy discovery and management of services to application registration and analytics.

Secure and Compliant APIs

Provide secure multi-tenancy with fine-grained access controls and security policies for all APIs and services at scale.

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Why Kong Konnect

- **Unified API Management Platform**
  Kong Konnect is the API management platform that enables businesses to have comprehensive governance and observability across API gateways, Kubernetes footprint, and east-west traffic of service mesh through a single Konnect control plane.

- **End-to-end API Lifecycle Management**
  Break through API silos, inconsistent compliance to corporate standards and reuse through a central registry of consumable APIs and a platform that supports the entire API lifecycle.

- **Federated API Management at scale**
  Kong Konnect balances the consistency and governance mandated by the central platform teams with the architectural flexibility desired by the application teams through a decentralized, template-based approach. Application teams can create control planes based on their own environments and add new developers to specific control planes with consistent role-based access policies.

- **Architectural freedom**
  You can abstract network and security complexities from services so that developers can focus on building applications instead of integrations. Kong connects services across any cloud, any platform and any modern protocol such as REST, GraphQL, gRPC and Kafka.

- **Automation**
  Kong Konnect is built with automation and DevOps best practices in mind. By instrumenting your existing CI/CD pipelines using Kong decK, developers are able to generate declarative configuration and keep gateway configurations up-to-date and consistent to accelerate time to market.

- **API Consumption**
  A detailed record of the requests made to APIs at your fingertips to help API developers understand how their APIs are being consumed and resolve issues faster.

- **Extensible**
  Leverage the extensive ecosystem of community and commercial plugins to address common use cases such as rate-limiting, authentication and authorization, transformation and many more or develop your own custom plugins.

- **Fast and scalable**
  Kong Konnect runtimes are lightweight and ultra-fast by design. You can seamlessly scale up and down services and secure them with policies that enforce IT governance.

- **Secure**
  Kong Konnect enables companies to implement robust API security through authentication policies, strong identity & access mgmt and operational insights to comply with security and corporate governance standards.
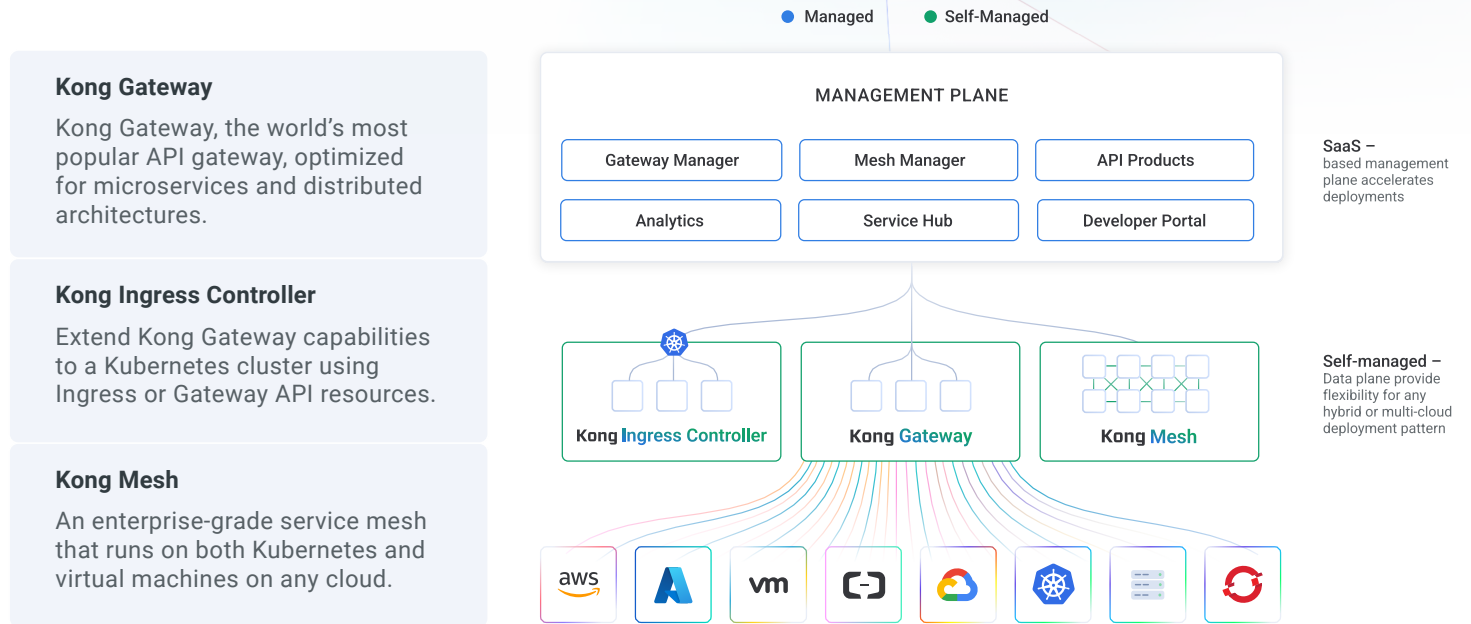
Kong Konnect includes a control plane and data planes. The global control plane is hosted as a cloud service by Kong, reducing operational risks and lowering the total cost of ownership (TCO). The SaaS-based control plane accelerates deployments and provides access to functionality modules:

Gateway Manager	Catalog, connect to, and monitor the status of all control planes and instances in one place, as well as manage group configuration.
Mesh Manager	Identify mesh services, manage policies, view relevant metadata (mesh, zone, etc.) and access the service's details.
Developer Portal	Browse APIs, reference documentation, test endpoints, and register to create applications using specific APIs through a customizable and unified API portal for developers.
Analytics	Get a real-time and historical centralized view of all your services with the ability to export to existing security and analytics tools. Monitor golden signals such as traffic, error rate and latency for each service and route to gain deep insights into your API products.
API Products	Get insights into user behavior for informed decision making and efficient troubleshooting through detailed and near-real time record of the requests made to your APIs.

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Kong Konnect runtimes operate within your preferred network and can be deployed to any hybrid or multi-cloud environments providing security and efficiency at scale:

● Managed   ● Self-Managed

Kong Gateway

Kong Gateway, the world's most popular API gateway, optimized for microservices and distributed architectures.

Kong Ingress Controller

Extend Kong Gateway capabilities to a Kubernetes cluster using Ingress or Gateway API resources.

Kong Mesh

An enterprise-grade service mesh that runs on both Kubernetes and virtual machines on any cloud.

MANAGEMENT PLANE

| Gateway Manager | Mesh Manager | API Products |
| Analytics | Service Hub | Developer Portal |

SaaS – based management plane accelerates deployments

Kong Ingress Controller   **Kong Gateway**   **Kong Mesh**

Self-managed – Data plane provide flexibility for any hybrid or multi-cloud deployment pattern

Start your Kong Konnect free trial today. Compare available plan tiers.

Trusted by 600+ enterprises worldwide

CONGLOMERATES
MUFG · CWT · Cargill · SIX · Fubon Financial

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covetrus · UBISOFT · carta · LexisNexis · YAHOO! JAPAN

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Kong

Global HQ
77 Geary Street, Suite 630
San Francisco, CA 94108
USA

Contact
sales@konghq.com
www.konghq.com

Kong Inc., a leading developer of cloud API technologies, is on a mission to enable companies around the world to become "API-first." Kong helps organizations globally — from startups to Fortune 500 enterprises — unleash developer productivity, build securely, and accelerate time to market.

For more information about Kong, please visit www.konghq.com or follow us on Twitter @thekonginc.