aws marketplace

Kong Gateway Enterprise

Reviews, tips, and advice from real users

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Product Recap

Kong Gateway Enterprise

Kong Gateway Enterprise Recap

Kong Gateway Enterprise is an advanced API management platform offering seamless integration, robust security features, and flexible deployment options for modern enterprises needing efficient API handling.

Kong Gateway Enterprise stands out with its plugin-based network services and ease of implementation in Kubernetes environments. It delivers robust API governance, impressive rate limiting, and customization with Lua scripts. Enhanced with high-performance handling and AI-driven functionality, it supports efficient API monetization. It also ensures competitive pricing, scalability, and strong community support.

What are the key features of Kong Gateway Enterprise?

- Plugin-Based Services: Allows easy customization and integration.
- Security: Delivers comprehensive API security options.
- Rate Limiting: Offers control over API traffic for better performance.
- Deployment Flexibility: Supports cloud environments effortlessly.
- AI Integration: Enhances functionality with AI-driven applications.

What benefits and ROI should users consider in Kong Gateway Enterprise?

- Ease of Use: Simplifies API management tasks.
- Scalability: Supports growth with robust infrastructure.
- Customizability: Tailors API management with Lua scripts.
- Community Support: Offers strong resources and collaboration opportunities.
- API Monetization: Enables revenue opportunities through efficient management.

Organizations across finance, IoT, manufacturing, and e-commerce sectors implement Kong Gateway Enterprise to streamline microservices deployment and integration. It manages API security and traffic while providing observability and scalability. The platform enables integration with IDPs and other systems, securing extensive API ecosystems.

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Valuable Features

Excerpts from real customer reviews on PeerSpot:

- "Kong Gateway Enterprise is quite comprehensive."

  KuntalSaha
  Business Consultant at Ernst & Young

- "Based on my experience, I would definitely recommend Kong Gateway Enterprise to other people."

  Evgeny Shkard
  Enterprise Architect at El Al

- "Kong's most valuable features are its lightweight performance when handling millions of requests and the ability to write custom plugins to enhance security, such as end-to-end encryption, even in the open-source version."

  Sudhanshu Dev
  Senior Principal DevOps Engineer at barq

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"Kong Gateway helped to improve performance. It's good enough for our users."

Raja Jajaja

Engineer at Electricity Generating Authority of Thailand

"It offers a wide range of plugins that we leverage, including OIDC, Rate Limiting, Lambda functions, and more."

ASHOK YADAV

Solutions Architect at a financial services firm with 1,001-5,000 employees

"The solution's technical support is good and fast in terms of responsiveness and problem-solving skills."

Rav Bangalore

GenAI Strategist at Wipro Limited

"The most valuable feature of Kong Enterprise is its capability to integrate with various security tools."

Yogesh Khandelwal

Api Solution Architecture Lead at a financial services firm with 5,001-10,000 employees

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What users had to say about valuable features:

"The features I like include ease of operation and implementation in a cloud environment, the dashboarding features for API statistics, and the user-friendly developer portal.

The plugin architecture is simple and easy to implement.."

Ashok Vedantham
Dev lead at a financial services firm with 1,001-5,000 employees

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"I find the price of Kong Gateway Enterprise to be competitive. Price is not a concern for us, but based on our experience working with financial institutions, maintainability and security are the primary concerns and areas they focus on.."

KuntalSaha
Business Consultant at Ernst & Young

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"Customers cannot use the public cloud because of regulations. Kong Enterprise can be used in any environment, like the Red Hat and Openshift environments. Kong Enterprise comes with some ready plug-ins, which is very good for the customers. Kong Enterprise supports hierarchy and redundancy.."

Yunus Salık
Board Member at Desoft

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"The most valuable features of Kong Gateway Enterprise are its seamless integration with Kubernetes and cloud, many plugins that can be incorporated in a solution, and its incorporation with low-code function systems.Kong provides the ability to relatively fast change our development and DevOps scaling from on-premise API and managed APIs to a very good and scalable solution, which provides the ability to monitor and react to the API, making it more valuable and providing more benefits for customers.."

Evgeny Shkard
Enterprise Architect at El Al

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"We use both authorization and header-based methods. Additionally, we connect with our identity provider (IdP) using single sign-on (SSO) and OAuth 2.0. We also enable OpenID Connect.

The traffic control capabilities in Kong Gateway are effective. It helps me manage the usage of each API and monitor any anomalies. I can see any strange behavior or illegal usage from developers, which allows me to notify management about potential issues. Sometimes, it might just be a typo or a bug in the application, but other times, it could be something more serious. The Kong Gateway's traffic control helps detect these anomalies in usage.."

Raja Jajaja
Engineer at Electricity Generating Authority of Thailand

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“Kong Gateway Enterprise enhances our company's API security in a strong way, and it is compliant with most of the security compliance issues, which is good from an assurance standpoint and acts as a strong point when it comes to the product. In terms of ease of configuration and maintenance of the APIs, the tool offers a very good dashboard, specifically API dashboards, which can provide you insights into how you can use the dashboard for monetizing your solution. For example, for some of the APIs that accompany the product and become a part of the ecosystem, be it for opening new services with different partners, the tool is able to provide good insights in terms of integration touchpoints, which not only caters to the internal ecosystem but also into a partner ecosystem, giving an agnostic view. Depending on the exact need of the hour and based on the requirements, Kong Gateway Enterprise is useful in terms of integration, ease of use, and dashboard.

Though I have not tested the tool, I can say that the product supports AI-driven applications. Nowadays, in most language models, especially when we talk about the edge deployment model, any of the platforms provide you with seamless integration, which is advantageous because most of the applications are consumed by end users. It also boils down to the fact associated with the latencies. For some of the services and requirements, it doesn't always have to be some public cloud infrastructure that one needs to experience. I believe that I will be better off with edge deployment, where things can be run on a nearby location where the customer proximity is there. A combination of AI and edge deployment will be an advantage.

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Rav Bangalore
GenAI Strategist at Wipro Limited

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Other Solutions Considered

"I'm comparing Kong Gateway Enterprise with other software for potential use in our enterprise. We're looking at management, monitoring, and ease of use. ."

Raja Jajaja
Engineer at Electricity Generating Authority of Thailand

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"In my current organization at Ernst & Young, I am not certain whether they are partners with Kong, but I have not heard anything from them. My previous organization was a partner, not a reseller, and we never had any issues or problems.."

KuntalSaha
Business Consultant at Ernst & Young

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"Our parent organization has been using Kong and evaluated all the possibilities. We took their reference. Recently, we did an evaluation and migrated to Azure API Management from Kong.."

Ashok Vedantham
Dev lead at a financial services firm with 1,001-5,000 employees

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"I have used Apigee, WSO2, and Microsoft's API gateway, along with some commercial tools like MuleSoft and Boomi. The tools were used as a part of the implementations done for our customers.

Considering that my company has experience with other products that are similar to Kong Gateway Enterprise, I can say that there is only a difference of a percentage or two between all the solutions, making it all the same for our organization.."

Vijaya KumarMaddela
Founder at EAIESB

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"Before using Kong Gateway Enterprise, I used Azure API management.We switched from Azure to Kong Gateway Enterprise because we needed a solution to make API management on-premise and on cloud, and we did not want to work with Azure Arc, so we tried to find a solution that is possible to work with on both platforms, such as hybrid platforms.."

Evgeny Shkard
Enterprise Architect at El Al

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"Two of our customers are using Kong Gateway Enterprise as well as other API management solutions such as MuleSoft, APIM, Azure, or AWS. These are the major four API management tools being used across the board for our customers.

"For us, implementing Kong Gateway Enterprise with existing infrastructures and the cloud in tandem requires more effort than implementing MuleSoft or Azure APIM or AWS. Their integrations, implementations, and documentation are quite comprehensive for us. The learning curve is also slightly higher with Kong than with the other solutions.."

KuntalSaha
Business Consultant at Ernst & Young

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ROI

Real user quotes about their ROI:

"For us, the benefit of being able to scale without it having to cost a lot of money is good for our clients in our economic environment, so it is also good for us.."

Baidy Thiongane
Digital Architect at a comms service provider with 1,001-5,000 employees

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"Zero Investment on open source version. It works like enterprise grade. The enterprise version has lot of great features. Interms of ROI it's intangible, we could deliver APIs for business needs Ina very agile manner. ."

Validated user
Vice President – Technology and Architecture at a venture capital & private equity firm with 51-200 employees

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"Kong Gateway doesn't save anything, actually. It is not for that purpose. It's a technological solution, we cannot directly attribute revenue to Kong alone. Multiple applications work together to offer the APIs, and those API solutions have brought in some revenue, but not entirely because of Kong, so I cannot quantify that.."

Ashok Vedantham
Dev lead at a financial services firm with 1,001-5,000 employees

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Use Case

"We use Kong for our API gateway, handling all public traffic. It is an open-source tool, and even though we are a startup, it provides us with stability without incurring high costs initially.."

Sudhanshu Dev
Senior Principal DevOps Engineer at barq

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"I use the solution in my company since we build our own products by using Spring Boot, Python and FastAPI. We mainly use the tool to monitor and provide security on top of those APIs.."

Vijaya KumarMaddela
Founder at EAIESB

Read full review

"I use it as a gateway for our APIs. We have several hundred APIs here, so we use Kong Gateway Enterprise to manage and monitor them. In this application platform, we prefer to use the Kong Enterprise UI instead of the Kong Community Edition GUI.."

Raja Jajaja
Engineer at Electricity Generating Authority of Thailand

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"Our primary use cases for Kong Gateway Enterprise are modernizations, migrations, and digitalizations of financial institutions. These are the primary areas we are looking for.."

KuntalSaha
Business Consultant at Ernst & Young

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"Within Kong Gateway Enterprise, we utilize Kong Ingress and the Com API Gateway. It offers a wide range of plugins that we leverage, including OIDC, Rate Limiting, Lambda functions, and more. We also configure multiple deployments and utilize plugins like the OIDC Registration plugin for authentication and authorization. Additionally, we ensure schema validation for incoming requests and utilize security scanning. Kong Gateway provides a Request Transformer plugin that allows us to add or remove header values as needed.."

ASHOK YADAV
Solutions Architect at a financial services firm with 1,001-5,000 employees

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"The product seems to be good, especially in terms of API creation and management. The tool is seamlessly easy to use, and offers ease of configuration and management. The tool has some very good options for infusing some API security parts. The tool also offers some readily available connectors as well. From an overall perspective, I am handling both B2B integrations and cloud integrations. In our company, we had multiple products in place of Kong Gateway Enterprise.."

Rav Bangalore
GenAI Strategist at Wipro Limited

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Setup

The setup process involves configuring and preparing the product or service for use, which may include tasks such as installation, account creation, initial configuration, and troubleshooting any issues that may arise. Below you can find real user quotes about the setup process.

"I would rate my experience with the initial setup a six out of ten, with one being difficult and ten being easy.

The first implementation took three months.."

Ashok Vedantham

Dev lead at a financial services firm with 1,001-5,000 employees

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"We had to develop the image for Kong Gateway Enterprise. In AWS, there's a concept of imaging, so we needed to focus on that. We must scan the image for security and ensure all necessary measures are in place. Therefore, we must first create the image and proceed with deployment and other related tasks.."

ASHOK YADAV

Solutions Architect at a financial services firm with 1,001-5,000 employees

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"The initial setup of this solution was pretty straightforward, as we started to work with Docker, Docker containers, and Kong Gateway Enterprise as a managed platform with Kong Connect; we quickly realized how to work with it and how to deploy it and work with GitOps.."

Evgeny Shkard
Enterprise Architect at El Al

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"The product's initial setup phase was straightforward.

The deployment process was good. The product could be deployed in two to three hours.

Around seven to ten people, consisting of managers, engineers, managers, and developers, take care of the deployment and maintenance of the product.."

RajeshKumar20
Senior Engineer at Team Computers

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“The initial setup had moderate complexity. You have to know a lot of things.

I would rate my experience with the initial setup a five out of ten, with ten being easy.

The Community Edition requires a lot of technical knowledge to implement and use. It's okay for me, but you need to know a lot about Linux, Docker, and networking.

- **Deployment time:** From scratch, it took about three months.
- **Deployment process:** The main thing is the configuration and combining it with our existing APIs. Adding them one by one is the most tedious part.

Raja Jajaja

Engineer at Electricity Generating Authority of Thailand

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"I am an enterprise architect who is involved in everything from design to deployment.

For the product's initial setup phase, my company has a DevOps team that implements the APIs. The DevOps teams take care of containerization and ensure that everything is connected, which is like a general life cycle in any project. All the different teams, like the development teams, DevOps teams, admin teams, and DB teams, don't see any issues in the tool because all of the implementations are taken care of by all the teams. My company did not work with the team from Kong Gateway Enterprise.

Our organization supports Docker and containerization, so our company can put in some stuff related to Kong Gateway Enterprise outside of Docker containers.."

Vijaya KumarMaddela
Founder at EAIESB

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Customer Service and Support

"The solution's technical support is good and fast in terms of responsiveness and problem-solving skills. I rate the technical support a nine out of ten.."

Rav Bangalore
GenAI Strategist at Wipro Limited

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"I do not have inputs on the technical support for Kong Gateway Enterprise, as those matters are handled by my architects. I have not heard any negative comments on the technical support.."

KuntalSaha
Business Consultant at Ernst & Young

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"Basically, my company uses the tool's open-source version. I don't think we connected with any of the technical team members of the tool. We will get in touch with the team only if we go with the licensing model.."

Vijaya KumarMaddela
Founder at EAIESB

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"The technical support team's response time needs to be improved. The support engineer's capability should be improved because we have to induct them often regarding the problem. A lot of data needs to be provided before they start looking into the problem.."

Yogesh Khandelwal
Api Solution Architecture Lead at a financial services firm with 5,001-10,000 employees

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"We have had a good experience with customer service and support. Initially, we used to have challenges, but thanks to a third-party vendor who developed a plugin called Konger, a UI dashboard, we can interact easily with Kong. However, it is not an official plugin.."

Prince Maposa
Non-Corporate Consultant at Absa Group Ltd

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"When architects work, there should be some flexibility. We are currently receiving support from both the AWS and the Kong sites. You can raise the ticket immediately on the AWS site, and people will get involved quickly. However, Kong's support is not as good. They tend to have market delays, and tickets are not addressed promptly, which is a problem with Kong's support. I can give 75 points out of 100.."

ASHOK YADAV
Solutions Architect at a financial services firm with 1,001-5,000 employees

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Other Advice

"I did not work with the AI capabilities of this solution, so I cannot measure it.Based on my experience, I would definitely recommend Kong Gateway Enterprise to other people.I would rate the whole solution about nine.."

Evgeny Shkard
Enterprise Architect at El Al

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"I would recommend using it. It is a very powerful tool with lots of features. It's stable, user-friendly, and easy to learn.

Overall, I would rate the solution a seven out of ten. ."

Ashok Vedantham
Dev lead at a financial services firm with 1,001-5,000 employees

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"If you are looking for a stable open-source gateway, Kong is a solid choice. It performs well under high traffic with low latency. For newcomers, it is advisable to explore its robust features and ability to manage high TPS effectively.

I'd rate the solution eight out of ten.."

Sudhanshu Dev
Senior Principal DevOps Engineer at barq

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"I cannot provide detailed information about Kong Gateway Enterprise's security features, but when setting up the entire infrastructure plus the open API framework, we have to set up the infrastructure security as a given.

"I cannot provide details on implementations, but we have been using Kong Gateway Enterprise for our customers for some time. Based on my experience and my team's experience, I rate Kong Gateway Enterprise at a seven as a product.."

KuntalSaha
Business Consultant at Ernst & Young

Read full review

"We use plugins for Kong Gateway for authorization and authentication. It supports connectivity with IDP providers to enable authentication and authorization. There are request plugins available to handle validation and inspect incoming requests. Most importantly, the OIDC plugin, consumer plugin, rate limiting plugin, schema validation plugin, and request validation plugin are some of the key plugins.

Version upgrades should be more sophisticated and innovative. Currently, the

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upgrade process lacks efficiency and could be improved. Previous versions required significant effort to update and should be made easier. The process needs to be streamlined, reducing the complexity and number of steps involved.

High gateway uptime is okay. It ensures high uptime for your gateways, although some latency may occur due to the added layer of processing. The benefits of using a gateway, such as enhanced security and control, outweigh the drawbacks. The gateway acts as an intermediary, preventing direct access to microservices by requiring traffic to pass through it. This setup enables features like authorization and authentication, including integration with IDPs. The gateway can handle these processes before forwarding requests to the microservices.

Overall, I rate the solution a seven out of ten.."

ASHOK YADAV
Solutions Architect at a financial services firm with 1,001-5,000 employees

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“The performance and speed of the gateways created with the tool are both good.

My company used one or two plugins that Kong made available for Kong Gateway Enterprise.

If I were to assess Kong Gateway Enterprise for its speed of innovation through its version updates, I would say that it is a good tool. Its features are the reason why we shortlisted it as an open-source API management solution.

I did not check if the design of the gateway infrastructure helps achieve high gateway uptime. We have our own product, where we are developing a lot of APIs, and we want to deploy them through a gateway that takes care of routing and security. That was the intention that could stop not going with commercial tools like the Apigee or Microsoft's API gateway. My company thought of choosing Kong Gateway Enterprise to containerize and deploy our products.

The ease of the tool's update process is good.

I did not work with Kong Gateway Enterprise's team when my company was in the transition phase. We referred to the documentation.

I recommend the tool to others.

I rate the tool a seven out of ten..”

Vijaya KumarMaddela
Founder at EAIESB

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by visitors reading reviews

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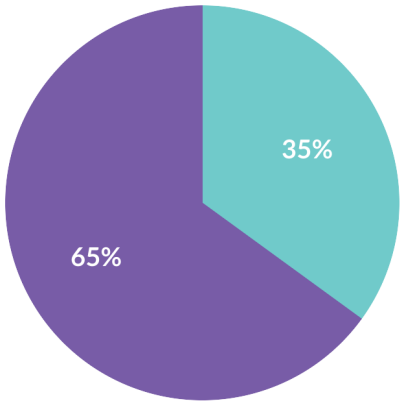
Manufacturing Company	9%
Computer Software Company	6%
Comms Service Provider	6%

Company Size

by reviewers



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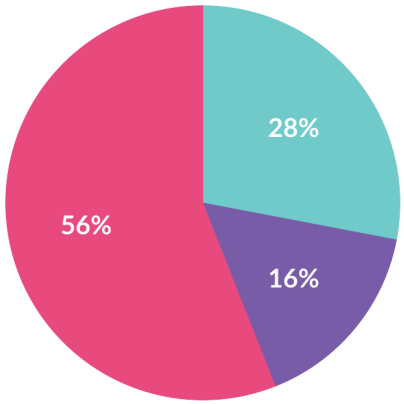

Large Enterprise Midsize Enterprise Small Business

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