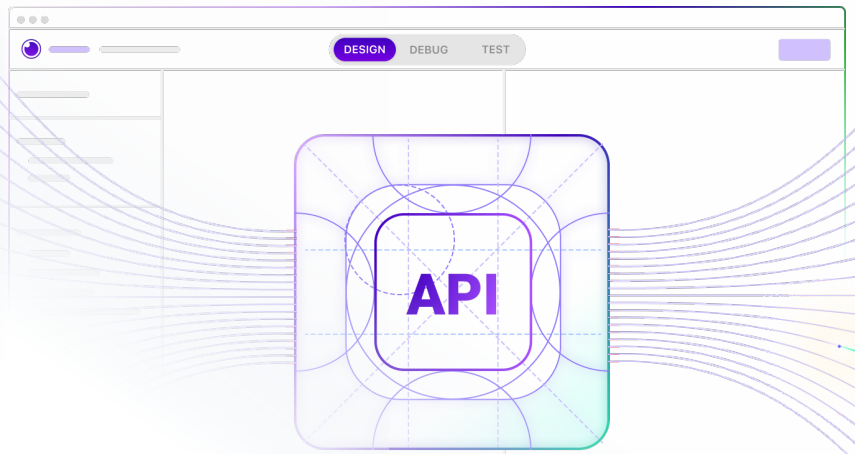# Kong Insomnia

Collaborative open source API development platform for design-first organizations

Organizations are increasingly relying on the power of APIs to operate every facet of their businesses, from transferring data, to improving interconnectivity with medical devices, to smart grid systems, and an endless host of connected apps.

To successfully transition to APIs, it's best practice to implement a set of tools and standards to ensure that APIs are built efficiently and with maximum reuse. Additionally, with APIs becoming a top attack vector for hackers, it's not only vital to secure and govern APIs that have already been deployed, but to also ensure that the security credentials associated with each API in the pre-production stage are also compliant and tightly governed.

Kong Insomnia is an open source API development platform that provides the easiest way to collaborate and innovate across the full API lifecycle. With more than 25,000 stars on Github, Kong Insomnia is 'built for the developer, by the developer', and enables streamlined API design, debugging and testing with industry standard security and the most popular API protocols (e.g. GraphQL, gRPC, REST, SOAP and Websockets).

Why Kong Insomnia?

Kong Insomnia is unique among API development solutions in allowing you to:

- **Extend workflows with open source plugins**
  Extend the capabilities of Kong Insomnia with more than 350 community-built plugins. Maintain a streamlined API workspace with the ability to opt-in and out of additional platform capabilities on a project-by-project basis.

- **Secure APIs end-to-end**
  All synchronized data is encrypted end-to-end before being sent over the network. Kong Insomnia will not store any data on its servers and will always require explicit user action before syncing any data.

- **Connect APIs end-to-end**
  Integrate with Kong's product suite to unlock APIOps and automate governance at each step of the API lifecycle. Generate Kong configuration from an OpenAPI/Swagger spec and conduct linting in CI with Inso, Insomnia's native CLI. Automatically deploy approved specs into Kong Gateway, Kong Ingress Controller, and the Kong Developer Portal.

Benefits

Kong Insomnia enables organizations to:

Boost Developer Productivity

Accelerate time to value with an intuitive UI, snappy performance and a design-first approach.

Ensure API Quality

Ensure API quality through standards and collaboration. Automate testing and linting to reduce errors and ensure consistency across teams.

Improve API Reusability

Reduce duplicative effort and promote reuse with beautiful documentation and a centralized API repository.

Kong Insomnia capabilities include:

Full Lifecycle API Development	Remove development silos with a single platform for API development. Rapidly design and debug APIs to integrate them faster into your applications. Fully automate the API lifecycle and build tests to improve reliability with Inso and CI/CD integrations.
Intuitive UI	In the API-first world, providing a world-class developer experience is not just critical; it's essential. Ship APIs faster and reduce friction in transitioning to spec-first development with Kong Insomnia's streamlined developer-friendly workflows.
Multi-protocol support	Easily create, organize, share, and execute GraphQL, gRPC, REST, SOAP, and WebSockets requests without app switching.
Native collaboration	Share projects with team members to collaborate on design and test activities with real-time data synchronization. Enable easy sharing of test data between teams with easy imports and exports in Insomnia, Postman v2, HAR and Curl formats.
Git as single source of truth	Simplify version control. Push data governance and permissioning directly to your Git repo with native git sync.
Test production conditions	Minimize deployment risk with tests that reflect your production environments. Chain requests to understand dependencies throughout the end user's entire journey. Create custom environment variables to understand different scenarios.
Automatic validation	Automate code analysis with OpenAPI linting to ensure design documents comply with the OpenAPI specification while adhering to standard API best practices.
Code snippet generation	Automatically generate client code in 18 different languages/frameworks. Copy directly into your code with a few clicks.

160,000+ developers love Kong Insomnia

Get started with Kong Insomnia today and compare available plan tiers.

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