

# Top 7

# API Gateway Capabilities

## to Adopt solo.io

When evaluating API gateway solutions, organizations should consider various criteria to ensure that the chosen solution aligns with their specific requirements and objectives.

These are the seven key categories we recommend using to evaluate API gateway solutions.

### Architecture

API gateways must support modern apps, be dynamic, container-ready, and lightweight for scalable microservices and cloud-native apps.



### Scalability and Performance

A performant API gateway ensures efficient client-service communication and allows for a responsive and reliable system that scales easily.

### Developer Experience and Documentation

User-friendly interfaces, comprehensive docs, clear APIs are crucial for API gateway adoption, streamlining onboarding and development.



### Security and Governance

Top API security ensures policy adherence, robust protection against threats like unauthorized access, breaches, and DoS attacks.

### Flexibility and Customization

API gateways must flexibly adapt to varied use cases and business needs, offering customization without sacrificing performance or security.



### Observability and Monitoring

API gateways need robust monitoring for insights into usage, issues, and performance, enabling proactive management and troubleshooting.

### Supportability

Supportability ensures smooth operations, swift issue resolution, and user satisfaction, crucial for both enterprise and open source software.



Compare capabilities of the top API gateways:

<https://www.solo.io/resources/ebook/api-gateway-buyers-guide/>