

Buyer's Guide --- Modern API Security

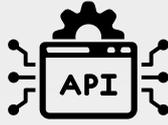
A Practical Evaluation Guide For Modern API-Driven Environments

APIs power your business but expose you to shadow endpoints, zero-day attacks, bot abuse, and logic exploits that traditional tools miss. This streamlined checklist equips security, DevOps, and platform leaders to validate vendors fast—ensuring real protection without performance hits or code changes.

Who This Checklist Is For

Perfect for teams with:

-  API-first, microservices, or Kubernetes setups
-  Expose APIs to apps, partners, or third parties
-  Need protection against abuse, bots, zero-days
-  Zero tolerance for SDKs, code changes, or ops overhead



1. API Discovery & Visibility

Can't secure what you can't see - Demand full API inventory.

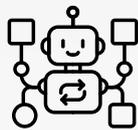
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2. Threat Detection & Runtime Protection

Attackers now target API using zero-day techniques, automation, and business logic abuse - not just simple exploits.

- ✓ Can the solution detect zero-day and unknown API attacks?
- ✓ Does it use AI-powered behavioral analysis beyond signatures and static rules?
- ✓ Can it stop business logic abuses like scraping, excessive usage or policy bypass via legitimate API calls?
- ✓ Does it address threats from OWASP API Top 10?



3. Bot & Automated Abuse Defense

Bots are a major source of API abuse, causing fraud, scraping, and performance issues.

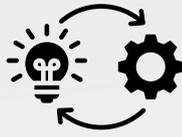
- ✓ Does the platform provide built-in bots and automated abuse protection?
- ✓ Can it detect subtle automation without disrupting legitimate use?
- ✓ Is mitigation handled at the edge/gateway to reduce backend load?
- ✓ Can it enforce rate limits, quotas, and adaptive controls per API or consumer?



4. Performance & Developer Experience

API security should enhance the platform without adding latency or developer friction.

- ✓ What is the latency impact?
- ✓ Is enforcement in-line without external dependencies?
- ✓ Does it avoid changes to SDKs, agents, or application code?
- ✓ Can security enforce policies without slowing CI/CD?



5. Deployment & Operational Fit

Organizations are different in architecture. API security should adapt, not force re-engineering.

- ✓ Does it deploy in Kubernetes-native, cloud, or hybrid setups?
- ✓ Does it secure east-west and north-south API traffic?
- ✓ Can it integrate with existing gateways, CDNs, or reverse proxies?
- ✓ What is the ongoing operational effort for policies, tuning, and alerts?



6. Reporting, Compliance & Platform Capabilities

Visibility + governance matter as much as prevention, especially in regulated industries.

- ✓ Does the dashboard show real-time API usage, attacks, and anomalies?
- ✓ Can security, DevOps, and platform teams access role-based views?
- ✓ Does it support compliance requirements (PCI-DSS, HIPAA, GDPR etc.)?
- ✓ Is the vendor focused on true API security vs. bolt-on features?

Why Prophaze For API Security

Prophaze delivers full-lifecycle API protection—discovery to enforcement—with AI detection, deep inspection, and K8s-native controls. No code changes, deploys in 15 mins, scales seamlessly.

Prophaze Delivers:

- ✓ Auto API inventory (shadow + undocumented)
- ✓ Real-time zero-day + bot attack blocks
- ✓ Schema/RBAC/quotas enforcement
- ✓ Unified risk dashboard across cloud/K8s/hybrid



About Prophaze

Prophaze provides an AI-driven WAAP platform that secures APIs and web applications against modern threats such as zero-day attacks, automated abuse, and Layer-7 floods. The platform delivers inline inspection, behavioral analysis, and adaptive enforcement across cloud, Kubernetes, hybrid, and on-prem environments—without requiring SDKs or application code changes.

With centralized visibility, policy consistency, and 24/7 human-in-the-loop operations to reduce false positives, Prophaze helps teams protect API-driven environments while maintaining performance and operational efficiency.

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WANT TO GET STARTED**

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