

Securing enterprise applications

API security services
for cloud and on-prem
applications

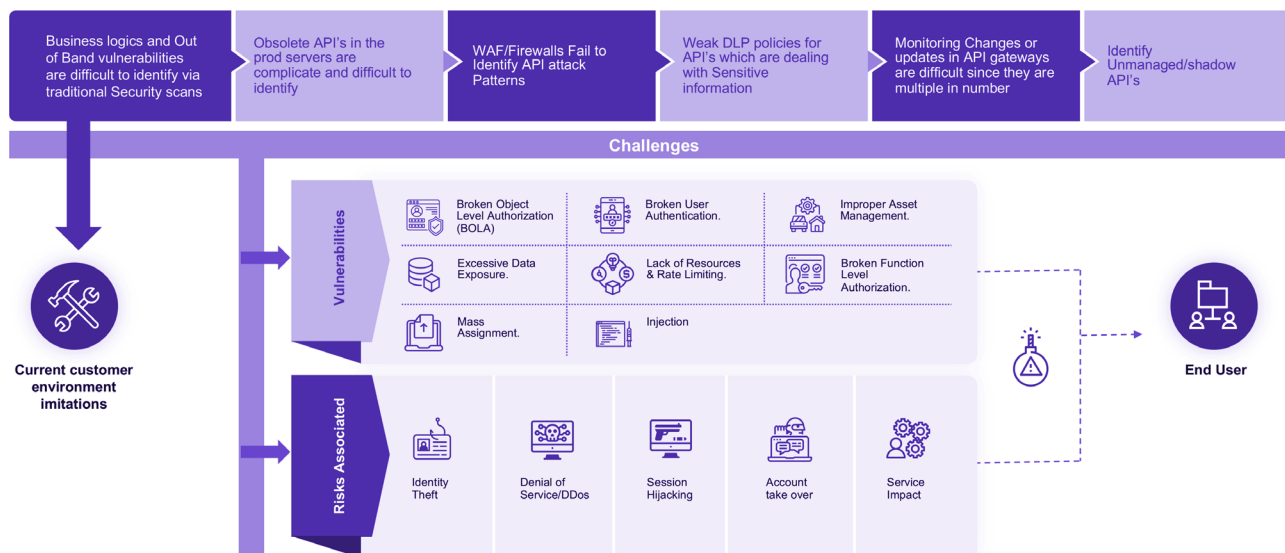


Major industries, from banks and retail to health and transportation are reliant on API's. As a critical part of modern mobile, SaaS, and web applications, they are an essential component of customer and partner facing cloud-based applications. However, API's use application logic and sensitive data, such as Personally Identifiable Information (PII), due to which they have become a preferred target for attackers. In fact, the specific targeting, hacking, and exposure of APIs has led to major data breaches – making APIs a critical security imperative.

Business Challenges

- Undocumented and unmanaged API's pose hidden risks since they are openly available and not managed by any security monitoring platforms.
- API are potentially open to flooding and other types of DOS attacks that can halt back-end systems to halt and cripple an API by overwhelming it with requests.
- Unsecure API communications channels can result in data exposure from unauthorized access while in transit leading to data eavesdropping.
- Attackers can modify the parameters of the API calls which leads to high object level vulnerabilities that attackers can target.

API security Assessments should reinforce the endpoints from the internal and external attacks below are the challenges and risks



Our Solution

HCLTech's API security solutions are designed to address the core challenges endemic to APIs and help enterprises mitigate risks while securing existing vulnerabilities. Our solutions protects endpoints from both internal and external attackers while ensuring that API development is free from any security vulnerabilities.

API Security Automation

We help organizations discover security issues in their APIs as fast as their DevOps runs it. With HCLTech AppSec, teams can create/customize their CI/CD pipelines based on their requirement for enhanced and fully informative results.

API Security Assessment

We provide a unique managed services approach where the right security models are applied based on the specific API need. Our application security professionals provide complete coverage for all OWASP Top 10 API Threats. By conducting nearly 100 automation/manual API tests, we help organizations discover existing loopholes that can lead to a hack. We also implement a comprehensive checklist that covers all aspects of the API and helps developers ensure rapid remediation.

Product POC

We possess an in-depth technical expertise and industry experience in developing product POC which ensures that clients choose the right solutions for their needs. This experience is bolstered by over 30 security product POC, including API security, that we conducted to date.

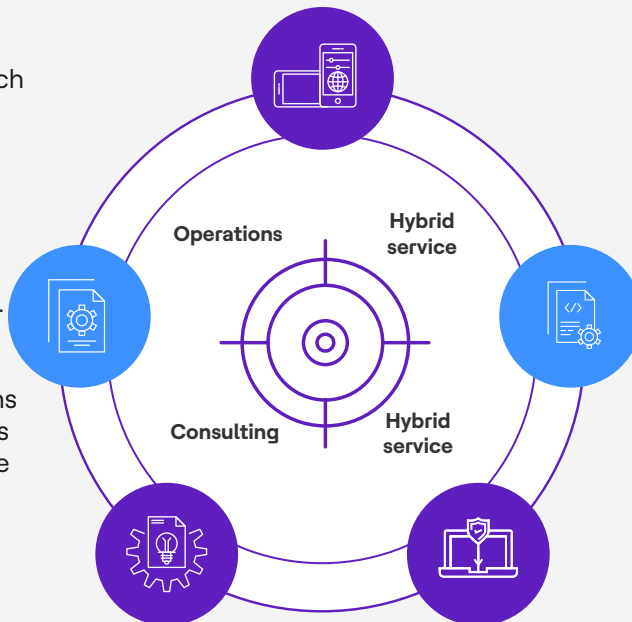
API Security Management

Our AppSec experts seamlessly integrate different kinds of API-managed platforms into enterprise security solutions. These can be managed internally and externally, across any SaaS-based (Azure, AWS, etc.) platform, and provide customized dashboards of security platforms as per requirements.






API Security Monitoring

We integrate the monitoring platforms at the API gateway level to identify security risks and take immediate actions. This rapid approach helps developers identify the attack pattern and process it for quick remediation.

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Value Delivered

-  Identify and mitigate the risk from exposed APIs and the underlying infrastructure
-  Controls and management for API security in alignment with compliance requirements
-  Streamline compliance by integrating API's and sensitive data discovery into GRC workflows
-  Simplified discovery and inventory of all APIs (including zombie and shadow APIs)
-  Predict and block API attacks from correlation analysis and recon-intelligence



Prevent account breaches and misuse from credential stuffing and other attacks



Secure sensitive data and interrupt data exfiltration from the organization



Leverage DevOps to empower development teams with insights-based remediation



Accelerate incident response capabilities for rapid action and incident resolution

HCLTech | Supercharging Progress™

HCLTech is a global technology company, home to 219,000+ people across 54 countries, delivering industry-leading capabilities centered around digital, engineering and cloud, powered by a broad portfolio of technology services and products. We work with clients across all major verticals, providing industry solutions for Financial Services, Manufacturing, Life Sciences and Healthcare, Technology and Services, Telecom and Media, Retail and CPG, and Public Services. Consolidated revenues as of 12 months ending September 2022 totaled \$12.1 billion. To learn how we can supercharge progress for you, visit hcltech.com.

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