



API Security Workshop

Application programming interfaces (APIs) are the connective tissue of modern software, driving everything from mobile apps to cloud microservices. However, as API ecosystems expand, so does the attack surface.

This workshop provides a deep dive into why APIs have become the #1 vector for data breaches and how the rise of artificial intelligence is compounding these risks.

Recent insights from Akamai reveal a critical shift: 42% of API security incidents now involve APIs linked to AI technologies, such as large language models (LLMs). As organizations build thousands of new connections to AI agents, the risk of “prompt injection” leading to data exfiltration via APIs has skyrocketed.

You’ll also get a firsthand look at actual API traffic, how it is monitored and analyzed within Akamai API Security through capabilities such as API posture management and runtime protection, and how to secure the interfaces that feed your AI models.

Topics



Policy creation and its importance in automating the remediation process



API risks prioritized in the OWASP API Top 10, including a key vulnerability: Broken Object Level Authorization



Reporting capabilities of Akamai API Security



Overview of Akamai API Security: Key components of API discovery, posture management, runtime protection, and testing valuable integrations that support the platform’s capabilities for visibility and protection



Active Testing and its benefits for uncovering vulnerabilities



Datatype tagging and its important role in discovering APIs and detecting risks



Fundamentals of APIs and the critical need to secure them



Automated issue detection, issue comprehension, and remediation strategies for APIs



Audience

Developers, DevOps, SecDevOps, or any other technical professionals interested in understanding the nuances of how APIs work and the vulnerabilities that expose APIs — and the data they exchange — to serious risk.



To participate, you'll need:

- ✓ Access to a modern web browser
- ✓ The ability to access external internet sites
- ✓ Webex, for live instructor follow-along
- ✓ Postman application installed and ready for API requests



Akamai is the cybersecurity and cloud computing company that powers and protects business online. Our market-leading security solutions, superior threat intelligence, and global operations team provide defense in depth to safeguard enterprise data and applications everywhere. Akamai's full-stack cloud computing solutions deliver performance and affordability on the world's most distributed platform. Global enterprises trust Akamai to provide the industry-leading reliability, scale, and expertise they need to grow their business with confidence. Learn more at akamai.com and akamai.com/blog, or follow Akamai Technologies on [X](#) and [LinkedIn](#). Published MM/YY.