



Malware Protection

Scan once at the edge and prevent malware from draining your time and budget

Problem-solve at the edge, not on your server

Malware Protection, a module in Akamai's App & API Protector portfolio, protects web apps and APIs from malicious file uploads by scanning the files at the edge and not allowing them onto your corporate systems where they can spread malware. This brings a preventative solution to a growing problem as [identified by OWASP](#) – attackers embedding malware into uploaded files as organizations increasingly rely on uploads to validate information and facilitate transactions such as:¹

- Proof of vaccination for employment or other purposes.
- Auto damage and repair photographs as part of insurance claims.
- Tax returns, proof of identity, and mortgage documentation for loan applications.
- Customer images for product reviews on retail sites.
- Medical insurance and records data for healthcare coverage.
- Resumes for job applications.

In 2021, while 30% of malware was directly installed by a threat actor and 23% was sent by email, **20% was dropped from a web application.**²

Adopt a modern approach to file upload protection

Get a better security outcome by detecting and isolating threats before they have a chance to reach their target system. You can save valuable time and expense with Akamai's Malware Protection, as it:

1. **Detects and blocks malware at the edge.** Avoid the risks of scanning on your servers, where the malware could have already spread by the time it's scanned.
2. **Avoids complexity and frees up your team's time.** Scan files only once, rather than setting up protection in each system individually like you need to do with ICAP and agent-based scanners.
3. **Positions your security posture for growth.** By choosing a preventative and layered approach, you can scale your protection as your business grows, giving you extra protection at the edge even if you also want to scan again at origin.
4. **Requires no changes to your applications.** You do not have to configure or change application code. Malware Protection is hosted completely on the Akamai Intelligent Edge.

Start with a free trial—talk to an Akamai representative to get started

We can better protect you because we scan before the file is ever uploaded. Add this module to your existing App & API Protector, Kona Site Defender, or Web Application Protector subscription.

¹ FadiIpašić, Sead. "[Hackers have found a new way to smuggle malware onto your device.](#)" TechRadar, 23 May 2022.

² "[Data Breach Investigations Report](#)," Verizon, 2021.