



# DEPLOYMENT OF AWS WAF FOR WEBSITE SECURITY

## EXECUTIVE SUMMARY

The customer recognized the need to improve both the performance and security of their corporate website, which is hosted outside the AWS environment and supports users across the United States. With rising exposure to web-based threats and cyberattacks, enhancing website protection emerged as a critical business priority.

To meet this requirement, the customer selected AWS WAF to deliver scalable, enterprise-grade web application security. This initiative focuses on designing and implementing AWS WAF to strengthen defenses against malicious activity, increase operational resilience, and ensure secure, reliable access for end users.

## THE CHALLENGE

The customer's corporate website, hosted outside of AWS, required enhanced performance and security to better serve users across the United States. With the rising prevalence of web-based threats and targeted cyberattacks, the existing infrastructure no longer provided adequate protection to safeguard critical operations or maintain customer trust. Without stronger security measures, the organization faced elevated risks of service disruption, reputational damage, and compliance challenges. To mitigate these risks, a robust solution was required to strengthen website defenses, ensure consistent user access, and reduce overall exposure.

## IDT SOLUTION

IDT partnered with the customer to deploy a web application security solution leveraging AWS WAF, complemented by AWS Shield. The implementation included managed WAF rule sets and custom security policies tailored to the customer's website traffic, delivering advanced protection against evolving web-based threats.

**Business Outcome:** The customer now benefits from a secure and resilient website, strengthened against malicious traffic, service disruptions, and compliance risks. By enhancing its security posture and ensuring consistent user access, the organization is able to protect critical operations, maintain customer trust, and support future growth with confidence.

## THE BENEFITS

**Enhanced Security:** The deployment of AWS WAF with managed and custom rule sets significantly reduced vulnerability to malicious traffic and cyberattacks.

**Greater Reliability:** AWS Shield delivered robust DDoS protection, minimizing service disruption risks and ensuring consistent website availability.

**Compliance Support:** Strengthened security controls and encrypted traffic improved audit readiness, helping the organization meet regulatory requirements and build stakeholder trust.

**Improved User Experience:** Secure, reliable access to the website increased customer confidence, protected brand reputation, and promoted stronger user engagement.

**Scalable Growth:** With enterprise-grade security and reliability in place, the customer is well-positioned to expand operations and support future business growth without compromising performance.

**PHONE:** + 1 (844) 205-8549

**WEBSITE:** [WWW.I-D-T.COM](http://WWW.I-D-T.COM)

**ADDRESS:** 8 THE GREEN, SUITE A DOVER, DE 19901