

# FUNCTIONAL, STRESS & PERFORMANCE TESTING

for a Cybersecurity & Application Delivery Solution Provider



**Services:** Product Engineering & Innovation, Professional Services, Cloud, Security

## OVERVIEW

The customer is a **\$210mn** Cybersecurity and Application Delivery Solutions Provider. They wanted to perform Functional, Stress and Performance Testing of Web Application Firewall(WAF) for their latest products to be released.

## CHALLENGES



Not able to identify the security bugs in WAF due to lack of periodic performance testing



Need to protect sensitive data, identify WAF Security vulnerabilities and secure delivery of mission critical applications

## SOLUTION

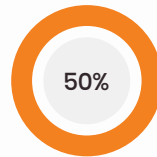
- 1 Developed high-level test plans and test cases for each feature
- 2 Recreate customer issues and verify solutions
- 3 Sustenance of released product versions
- 4 Custom attack traffic using PERL scripts and various real clients and servers including on Windows and Linux
- 5 Enabled Data leak prevention, Single Sign-On (SSO) & Authentication on WAF application



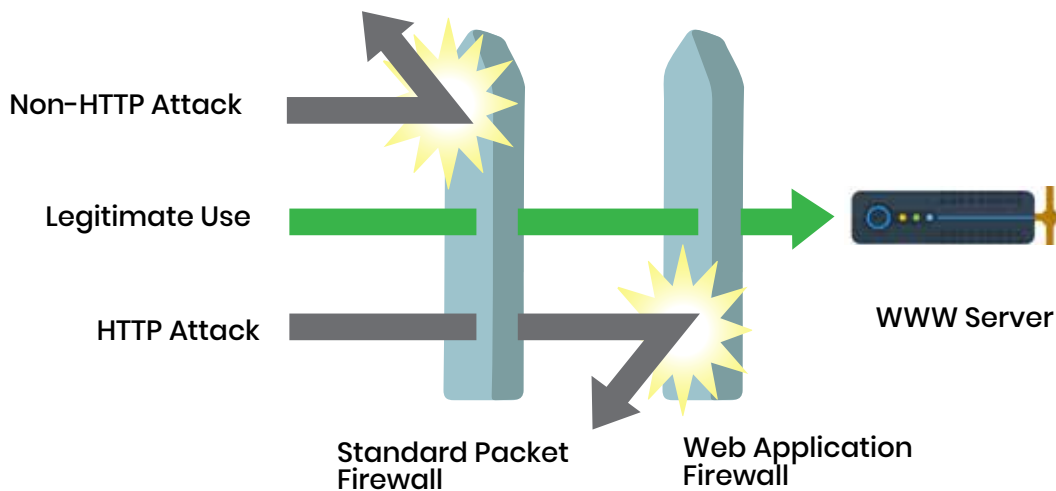
## OUTCOMES



**150+**  
Attack vectors automated for threat coverage



**50%**  
Faster resolution of vulnerabilities in WAF



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