BEST OF BREED SECURITY AND PERFORMANCE WITH F5 AND AWS

INTEGRATING WAF AS A FUNDAMENTAL BUILDING BLOCK

Traditionally, Web Application Firewalls (WAFs) have been reserved for protecting the most mission-critical applications. But as the threat landscape expands, the need for broader comprehensive security increases. F5 Essential App Protect is a high value, low investment Software-as-a-Service (SaaS) WAF designed to be accessible and affordable across your entire environment. As a cloud-native WAF, F5 Essential App Protect is easily integrated as a fundamental building block for your entire portfolio of applications, from your most critical end-user applications, to lower risk, lower priority applications

F5 ESSENTIAL APP PROTECT AND AMAZON CLOUDFRONT

Together, F5 Essential App Protect and Amazon CloudFront simplify the process of enabling high performance without sacrificing security. The accessibility and affordability of F5's cloud-native WAF means organizations get consistent enforcement of security policies across all of their environments, without needing the technical expertise of SecOps to manage the WAF. The integrated security of F5 Essential App Protect, combined with the speed of the Amazon CloudFront content delivery network (CDN), creates a powerful solution that delivers consistent protection to all applications, regardless of where they are deployed.

SECURITY EFFICACY + CDN PERFORMANCE

With the high availability and globally distributed network Amazon CloudFront provides, deploying F5 Essential App Protect with Amazon CloudFront CDN automatically provides best of breed security, without sacrificing performance. Built on a resilient application architecture, the joint solution provides end-to-end security across the entire application lifecycle. F5 Essential App Protect increases the efficiency of your Security Operations Center (SOC), while Amazon CloudFront protected by AWS Shield serves as the entry point for all traffic into your key applications. This powerful combination securely caches cacheable content, helping to ensure best-in-class security across your environment.

FEATURES:

- Accessible and effective web application protection

- High availability, globally distributed content delivery network

- Application-centric approach for a superior digital experience

- Accessible security for uniform policy coverage across all apps

- Integrated, simplified security policies for hassle-free management

- Pay-as-you-go pricing for a low upfront investment

- Rapid consumption and integration with existing DevOps practices

- Seamless CI/CD integration, service configuration and provisioning, and multi-cloud management

F5 ESSENTIAL APP PROTECT USER INTERFACE

Fast
The F5 Essential App Protect data plan leverages WAF technology and NGINX for quick and efficient HTTP processing traffic, with Amazon CloudFront ensuring traffic has the highest network performance.

Available
The combination of F5 Essential App Protect and Amazon CloudFront provides a resilient end-to-end architecture that can be auto-scaled.
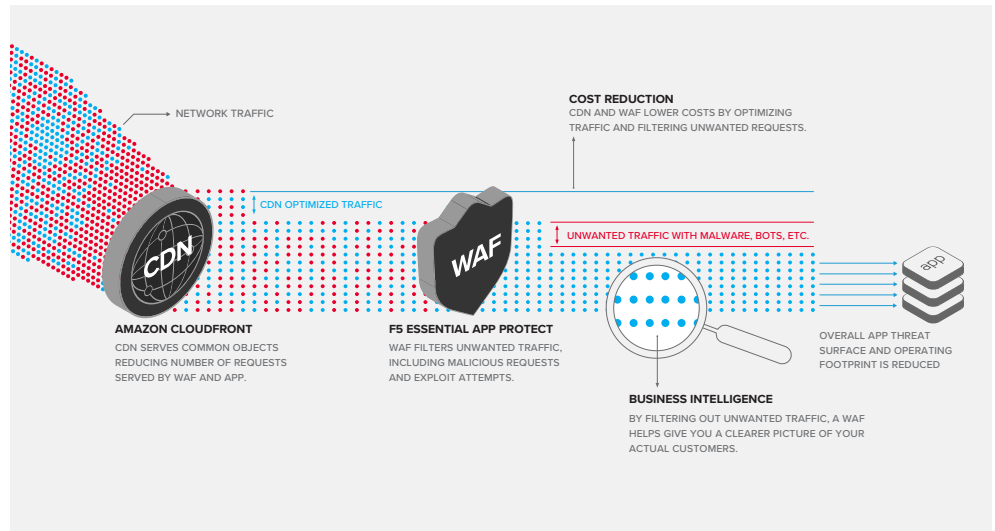
Secure
F5 Essential App Protect secures the origin traffic flow, validating traffic that has been passed by an industry-leading WAF, with Amazon CloudFront leveraging AWS Shield for protection against DDoS attacks.

Trusted
F5 Essential App Protect leverages leading WAF Engine as a service to meet stringent security requirements. This is combined with Amazon CloudFront's ability to serve as the entry point for monitoring the security of incoming traffic.

NETWORK TRAFFIC

COST REDUCTION
CDN AND WAF LOWER COSTS BY OPTIMIZING TRAFFIC AND FILTERING UNWANTED REQUESTS.

CDN OPTIMIZED TRAFFIC

UNWANTED TRAFFIC WITH MALWARE, BOTS, ETC.

AMAZON CLOUDFRONT
CDN SERVES COMMON OBJECTS REDUCING NUMBER OF REQUESTS SERVED BY WAF AND APP.

F5 ESSENTIAL APP PROTECT
WAF FILTERS UNWANTED TRAFFIC, INCLUDING MALICIOUS REQUESTS AND EXPLOIT ATTEMPTS.

BUSINESS INTELLIGENCE
BY FILTERING OUT UNWANTED TRAFFIC, A WAF HELPS GIVE YOU A CLEARER PICTURE OF YOUR ACTUAL CUSTOMERS.

OVERALL APP THREAT SURFACE AND OPERATING FOOTPRINT IS REDUCED

DEPLOYMENT DETAILS

Purchasing this joint solution through F5 ensures that Amazon CloudFront's content delivery network is integrated from the beginning. The self-service, pay-as-you-go model provides the most cost-effective combination of price, performance, and protection while providing customers with access to F5's 24x7 support.

Get started with F5 Essential App Protect and Amazon CloudFront here.

F5 AND AWS

Together, F5 and AWS provide solutions that focus on the importance of consistent evolution and accelerated innovation on the cloud. F5 and AWS work in concert to accelerate complex enterprise application migrations, deployment, and operations securely in a simplified manner.