



MANAGED SECURITY SERVICES

# Web Application Firewall as a Service

## Unattended firewalls won't stay standing for long; finding the time it takes to support them can seem impossible.

Dealing with malicious attacks to your system takes time and energy, both to handle and identify, especially when they arrive hidden amongst legitimate traffic. Poorly fortified systems are often overwhelmed by the traffic load, unable to distinguish between the two forms in a timely fashion and consequently resulting in slow connectivity for your end users. This is just the front end of the problem; behind the scenes, badly maintained firewalls will have trouble mitigating bot attacks and have great difficulty operating in the new hybrid/multi-cloud environment. A busy IT support team may not have the time for thorough incident diagnosis, and few solutions on the market today offer truly 'granular' control of a security solution.

NTT's Web Application Firewall as a Service (WAFaaS) is specially designed to handle these problems. A worldwide managed service supporting your online business requirements, WAFaaS provides a comprehensive solution to the broad range of issues inherent to managing a complex security network, including:

- Web security – threat detection and prevention (vendor native)
- Denial of service for web and network based attacks

## NTT Web Application Firewall as a Service provides:

- Distributed Denial of Service (DDoS) attack protection against website, infrastructure, single IP address, and name server through web-based cloud services.
- Content Delivery Network (CDN) and optimizer services, benefiting web servers with a 40-70% reduction in bandwidth consumption, and a 50% acceleration in website browsing.
- Load balancing and failover from the cloud, supporting your application/server availability deployed in hybrid cloud environments.
- Management and maintenance by experienced security engineers in NTT's Security Operations Center (SOC), supplemented by highly-trained security experts as an extension of your own in-house IT team.
- High level of network access and information availability, integrity, and privacy.
- Detailed real-time and historical views of the performance, security, configuration and availability of all websites, name servers and traffic managed by the service.
- Integration with our Threat Detection offering (Enhanced tier) for real-time, proactive threat detection, analysis and response.

## Benefits of WAFaaS:

- Advanced WAF technology
- Management portal
- Dedicated SOC (24/7, 365 support)
- Threat Detection (E) integration
- Service level to suit individual needs
- Improved responsiveness and performance
- Reduced costs
- Proven resilience

## Standard

The Standard service is best suited if you require minimal support to your infrastructure from NTT. Our service analyst interaction utilizes automated detection for high confidence security incidents. Notifications come directly from the cloud service via the client email address specified by you during the CSSD process; select from the following categories for automated real-time email notification:

- Website threats
- Load balancing alerts
- Infrastructure protection status

A weekly report of summary activity will be provided, along with access to the WAF as a Service portal that includes

access to 90 days of events. You will have the ability to generate a PCI report or define a schedule to email (weekly, monthly, quarterly), and will have access to the NTT Portal for the necessary service management purposes.

### Enhanced

The Enhanced service is specially designed for those users who require customization of alerts or correlation from other NTT services. **All services offered under Standard are already included in this offering.** Events generated from the cloud are further

processed by NTT; the service uses customized rules and an anomaly-based detection and compliance profile to identify/report on the following categories of security incidents:

- **Security Best Practices** - events that indicate a deviation from a pre-defined baseline of NTT's definition of security best practices.
- **Business Policy Compliance** - events that indicate a deviation from a pre-defined baseline of an organization's custom business policy compliance requirements.

To ensure service quality, NTT continuously makes detection tuning decisions based on the validity and relevance of service generated events and security incidents. Our Enhanced offering includes:

- **Standard or Compound Rules** – up to fifteen can be developed and implemented annually.
- **Analyzers** – up to five can be implemented annually for Enhanced clients.

Figure 1: Features of NTT's Standard and Enhanced WAFaaS offerings.

Service Features	Standard	Enhanced
Security Analyst Interaction		✓
Client Notification	✓	✓
Portal and Reporting	✓	✓
Customization of Monitoring and Alerting Rules		✓

### About us

NTT is a leading, global technology services company. We believe that together we do great things. We've combined the capabilities of 28 remarkable companies to create one, leading technology services provider. Partnering with you, we empower your people, strategy, operations, and technology through our full range of unparalleled capabilities and services. Together we enable the connected future.

### Want to know more about our range of managed security services?

Visit [hello.global.ntt](https://hello.global.ntt) for details.