

Realize your vision

# SAMSUNG SDS Cloud

A person is shown in profile, sitting at a desk in a server room. They are looking at a computer monitor and typing on a keyboard. The room is dimly lit, with blue light emanating from the screens and equipment. The background shows rows of server racks.

## Security

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Anti-DDoS Monitoring  
IDS Monitoring  
WAF  
Firewall

**SAMSUNG SDS**

Security

# Anti-DDoS Monitoring

## Massive network traffic detection and blocking service

Anti-DDoS Monitoring service protects web services against DDoS(Distributed Denial of Service) attacks by causing large network traffic to paralyze web sites. It blocks, bypasses or distributes traffic depending on its size to ensure online service continuity. It protects a website in a DMZ by constantly monitoring network traffic.

### DDoS attack Detection

Anti-DDoS Monitoring detects a DDoS attack in the case massive traffic exceeds a particular threshold over a defined period or contains known DDoS attack signature.

### DDoS attack Blocking

In case of small-scale attacks, this service changes the traffic route and sends it to the blocking device. After analyzing the traffic, a filter blocks suspicious traffic that may be of malicious origin so that users can access websites without any problems.

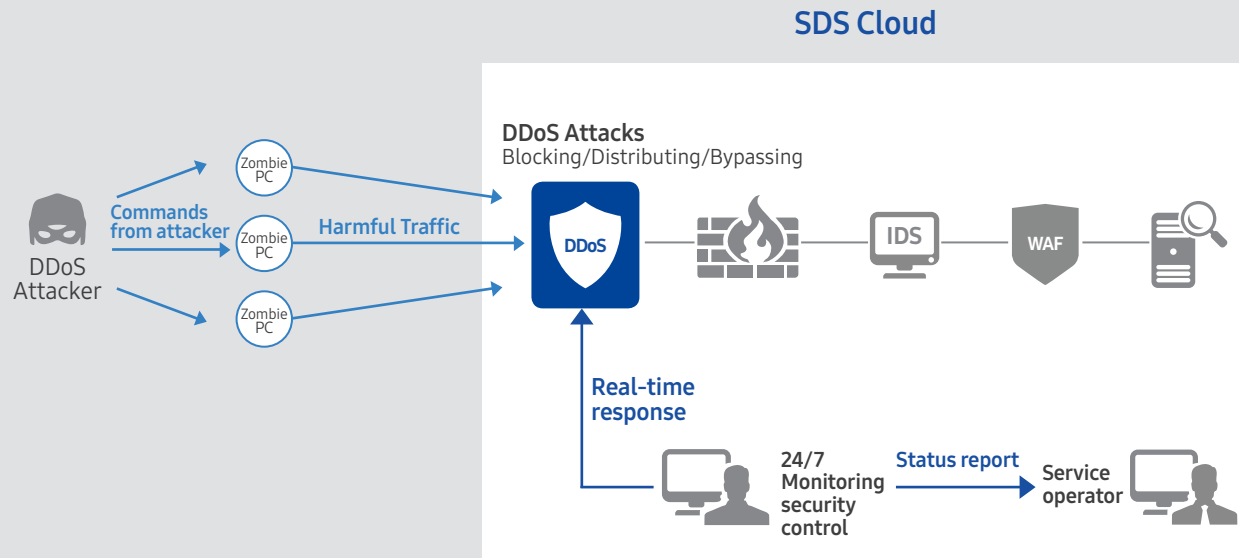
### DDoS attack Bypassing

In case of middle-scale attacks, this service uses backup lines to protect internal network resources and the blocking device blocks malicious traffic.

### DDoS attack Distributing

In case of large-scale attacks, this service changes the traffic route and sends it to the cyber shelter. The shelter then filters suspicious traffic that may be of malicious origin to make users access websites without any problems.

## Anti-DDoS Monitoring Service Architecture



## How to Buy

- Any questions about using or applying for Anti-DDoS Monitoring service, please contact us via email at [cloud.sds@samsung.com](mailto:cloud.sds@samsung.com)

## Related Other Products

Security	IDS Monitoring	Security control service for intrusion detection
	WAF	Firewall security service for web application
	Firewall	Intrusion blocking service to protect internal data

## Contact Us



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# Security IDS Monitoring

## Security control service for intrusion detection

Intrusion Detection System (IDS) Monitoring is a real-time 24/7 detection system for network attacks. It provides analysis on hacking methods and replication to assess the impact of an attack on customer businesses. It protects your websites in the DMZ from internal hacking and malicious codes that firewall fails to block by collecting IDS logs, web access logs, and web-shell logs.

### Preemptive prevention measures

This service monitors and detects in real time hackers' upload of malicious code such as a web shell.

### Hacking patterns analysis

This service detects attacks by comparing hacking patterns detected by IDS with those collected from Web/WAS server access logs.

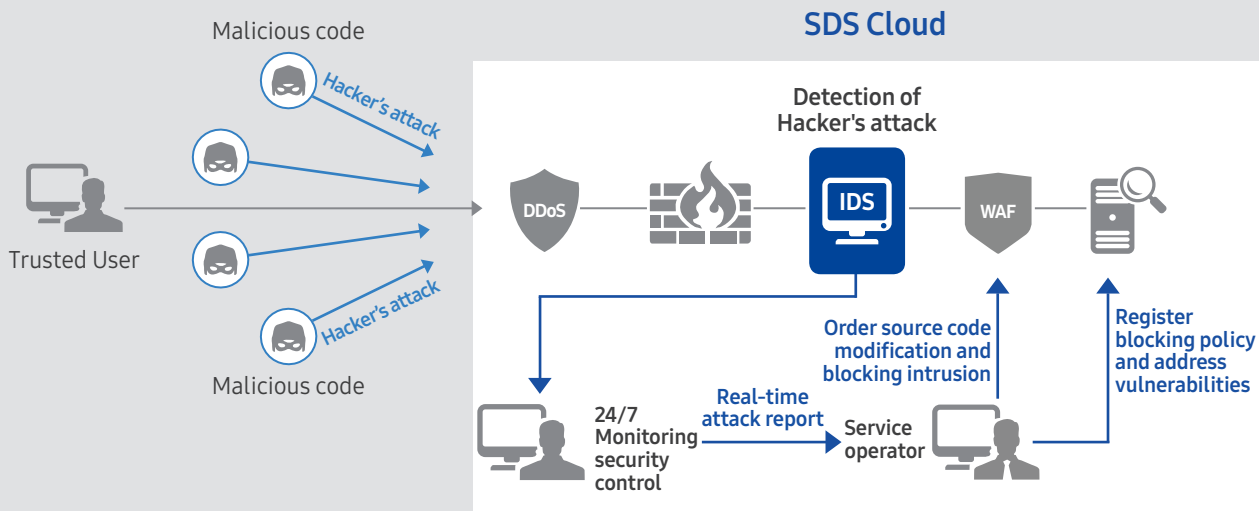
### Updated on latest hacking techniques

Samsung SDS Security Control stays updated on new security threats and latest attack patterns from its partnering security firms. Based on this up-to-date information, IDS Monitoring provides more accurate detection.

### High accuracy

The process of manually validating an attack detected by security appliances accurately determines the impact on the customer's web service.

# IDS Monitoring Service Architecture



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# Security WAF

## Firewall security service for web application

WAF (Web Application Firewall) monitors and blocks application-specific attacks. As the last step security solution, WAF blocks any malicious traffic that firewall or IDS fails to detect or block, and thereby protects customers' web service.

### Blocking web application attacks

WAF analyzes, monitors and controls HTTP/HTTPS traffic as well as Cross-Site-Scripting, Sql-Injection and other attacks resulting from vulnerabilities inherent in web applications.

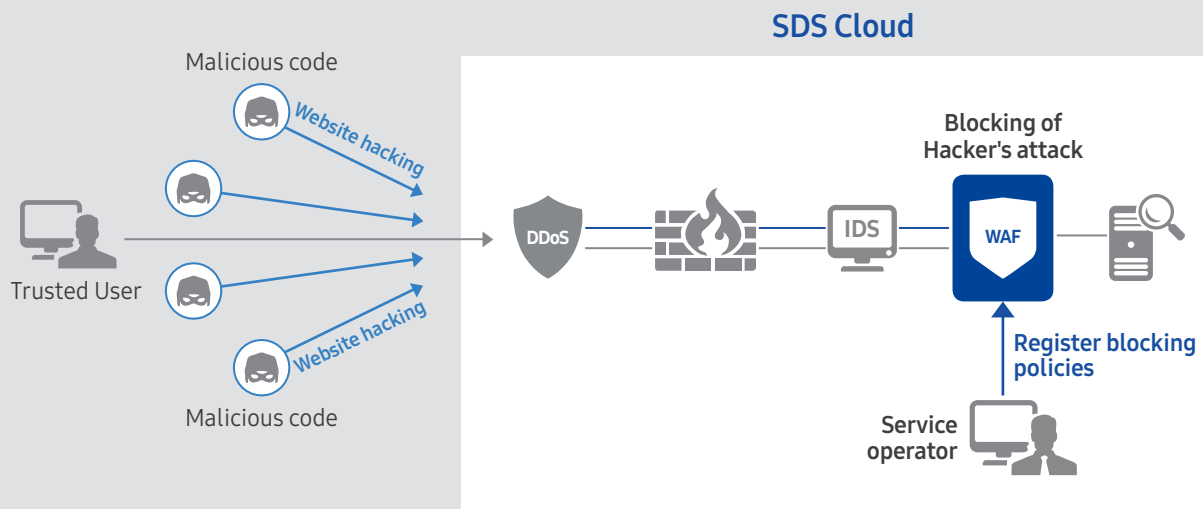
### Reducing or distributing web server load

Through content switching, compression and caching, WAF supports load reduction on web servers. When there are many web servers retaining the same content, WAF executes its own load balancing without Layer 4 load balancer.

### Efficient operation

Strong connectivity with applications and server/network is important in running WAF. We provide the service based on customers' unique web service environment. If necessary, we provide optimized operational service based on Samsung SDS' many years of experience and know-how.

## WAF Service Architecture



## How to Buy

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Security

# Firewall

## Intrusion blocking service to protect internal data

Firewall is a service that prevents illegal intrusion and internal information leakage through network. The physical firewall can prevent external intrusion and internal leakage with minimum information such as IP and Port, so it can be placed ahead of IDS and WAF, which require a high level of security, to obtain optimum effect.

### Security service for stability

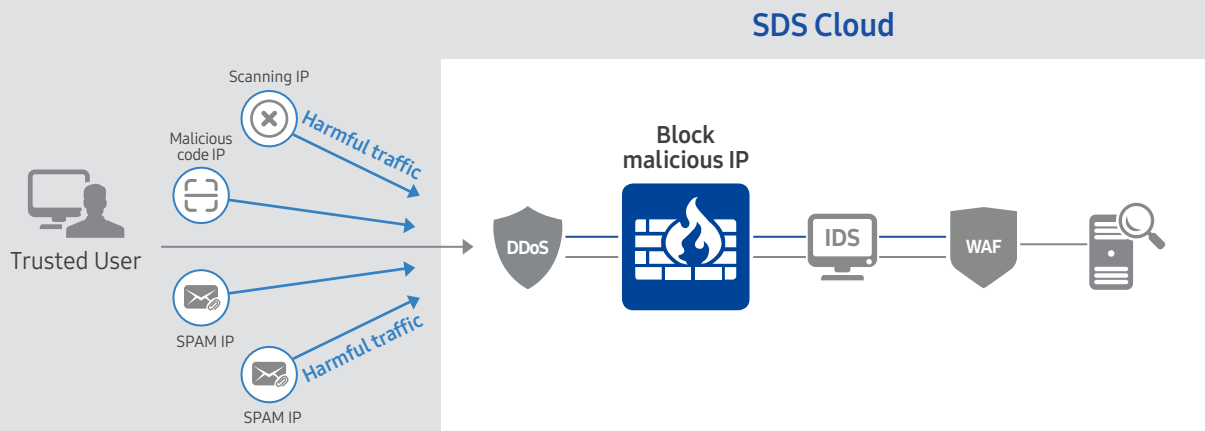
Firewall protects a vulnerable service by establishing a filter between an internal/external network and controls any access to customers' system.

### Control network access

With a policy to selectively allow or deny incoming or outgoing packets, it controls traffic access to the network and defends an internal network from external attacks.



# Firewall Service Architecture



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