Security

IPS (Intrusion Prevention System)

Real-time Detection and Prevention for Intrusions in Homepage Server & Application Server

IPS provides real-time defense mechanisms by continuously updating intrusion detection policies that keep up with the countermeasure against the latest security threats. With packet monitoring, IPS can detect at the application layer.

Detection of the Latest Attack Tactics

Detection rate is improved with signature management and detection pattern updates in readiness for the latest security threats. IPS provides its service by performing correlation analysis of attack patterns detected by IPS with configured patterns in SIEM (Security Information and Event Management).
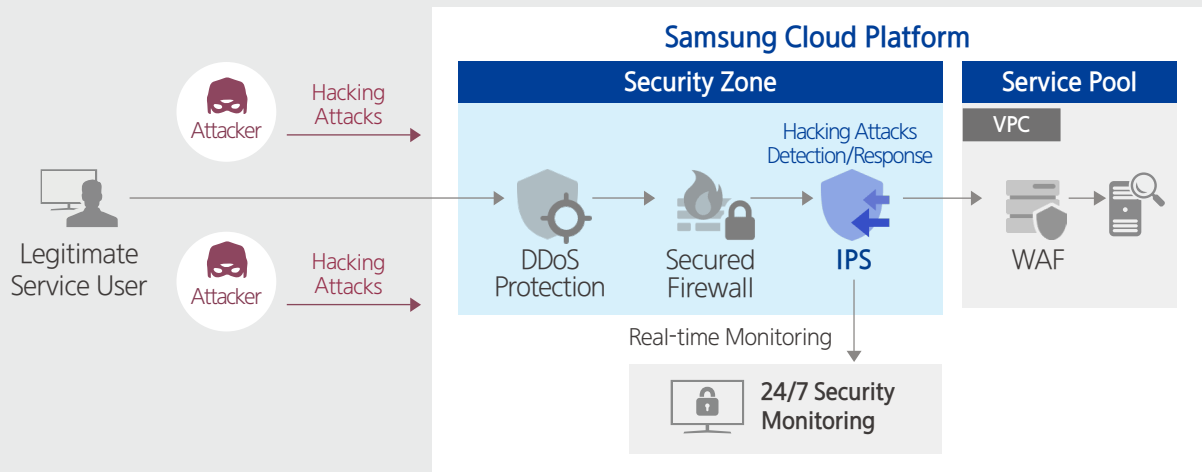
Optimized for Cloud Operations

IPS provides threat detection services optimized for cloud environment. And the expert security teams can promptly respond to the security threats.

Effective Countermeasure and Support

By monitoring events in real-time and providing notification upon analysis, preemptive response to security threats can be achieved. Event information is available in the monthly report.

Service Architecture

Samsung Cloud Platform

Security Zone
- DDoS Protection
- Secured Firewall
- IPS — Hacking Attacks Detection/Response

Service Pool
- VPC
- WAF

Real-time Monitoring → 24/7 Security Monitoring

Attacker → Hacking Attacks
Legitimate Service User
Attacker → Hacking Attacks

Key Features

- **Intrusion detection and analysis**
  - 24/7 event monitoring
  - Raw data based in-depth analysis
  - Latest threat detection pattern updates reflecting security trend information
  - Detection pattern optimized for effective real-time event response

- **Monitoring information**
  - Alert raising in the event of event detection
  - Provide monthly reports (alert list and information, etc.)

- **Intrusion response**
  - Provide IP information in the event of attempted attacks on customer's servers
    (Network firewall on Samsung Cloud Platform recommends blocking)

Pricing

- **Billing**
  - Subscription based on the number of VMs associated with its specification (e.g. vCore, Memory)