

AhnLab AIPS VM

Cloud-Optimized Next-Generation IPS

AhnLab AIPS VM is a next-generation cloud IPS designed to defend cloud against advanced network security threats.

Overview

As critical business assets increasingly move to the cloud, cyber threats targeting these environments continue to evolve in sophistication and scale. To protect cloud-based assets and maintain business productivity, organizations need an intrusion prevention solution capable of effectively detecting and blocking cloud network attacks in real time.

AhnLab AIPS VM delivers industry-leading threat prevention capabilities purpose-built for cloud environments. It detects and blocks attacks targeting business assets through network, OS, web, and application vulnerabilities, as well as network-based attacks and malware. In addition, seamless integration with AhnLab TMS VM — our cloud-optimized unified threat management system — provides powerful centralized security management and operational efficiency.

AhnLab AIPS VM

Next-Generation Cloud IPS



Next-Gen IPS

Next-gen IPS powered by a high-performance detection engine and advanced signature



Anomaly Detection

Superior threat detection and response with advanced detection filters and security features



Threat Intelligence

Intelligent defense driven by our proprietary threat intelligence



Malware

Detection and blocking of unknown and emerging malware



Optimization

IPS performance and features optimized for hybrid cloud



Open API

Open API for seamless integration with diverse security solutions

Strengths

AhnLab AIPS VM delivers over 10,000 up-to-date signatures optimized for global cloud network environments, backed by our industry-leading threat analysis infrastructure. Powered by an advanced detection engine, it provides exceptional visibility and, through integration with AhnLab TMS VM, enables streamlined management and effective response to evolving cyber threats.



Advanced Detection & Prevention

- Preventing threats with a powerful detection engine and next-generation IPS
- Realizing sophisticated defense through integration with AhnLab TMS VM



Convenient Operations

- Efficient monitoring with intuitive visibility
- In-depth threat analysis with flexible drill-down and rich statistics



Easy and Stable Deployment

- Simple deployment through CSP marketplaces
- High availability configuration for enhanced network stability and resilience

Benefit 1

Advanced Threat Prevention

There is an advanced detection engine at the core of AhnLab AIPS VM's exceptional threat prevention capabilities. Powered by high-speed pattern matching technology, the engine delivers comprehensive L2-L7 threat detection while also identifying malicious files within network traffic. Combined with next-generation IPS features and seamless integration with other security solutions, AhnLab AIPS VM effectively addresses evolving network threats and safeguards business environments with confidence.



Traffic Detection

- High-speed pattern matching
- Application control
- Behavioral detection (threshold-based, scans)
- Abnormal protocol block (HTTP, DNS, SIP)
- Encrypted traffic analysis



Malware Detection

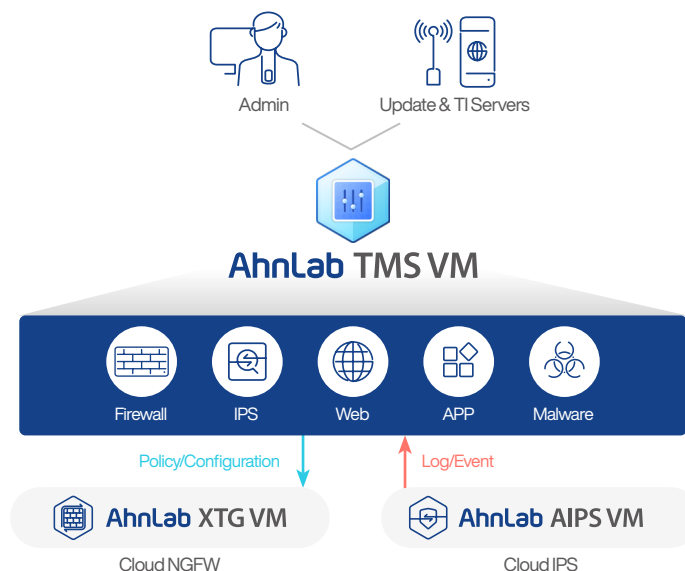
- YARA rule (static analysis)
- Malicious file extraction
- Deeper analysis via TMS VM integration

Benefit 2

Efficient Management

AhnLab AIPS VM also delivers efficient monitoring and management through integration with AhnLab TMS VM, the central manager. AhnLab TMS VM seamlessly integrates with our cloud network security solutions to provide comprehensive threat analysis and centralized security operations. Furthermore, integration with public-sector threat response systems enables a superior institution to distribute and manage detection rules across government agencies.

* AhnLab TMS VM is sold separately.



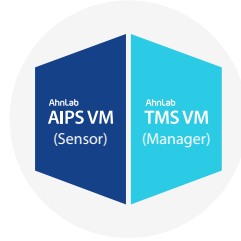
Government Security System Integration

When deployed together, AhnLab AIPS VM and TMS VM enable seamless integration with threat response systems designed to detect and respond to attacks targeting government cloud environments. Detection rules distributed by superior institutions can be automatically deployed to AhnLab AIPS VM operated by subordinate organizations, while detection results are reported back to upper-level agencies for centralized monitoring and threat analysis. This enables comprehensive threat detection and monitoring for public-sector systems in the cloud.

* Integration with public-sector threat response systems requires a purchase of AhnLab TMS VM.

AhnLab AIPS VM

- Threat Detection & Block
- PCRE/SNORT/YARA
- High Performance
- Threat Intelligence

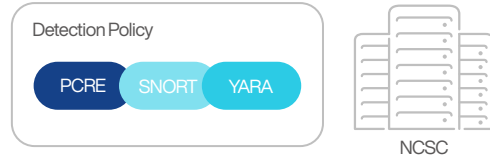


AhnLab TMS VM

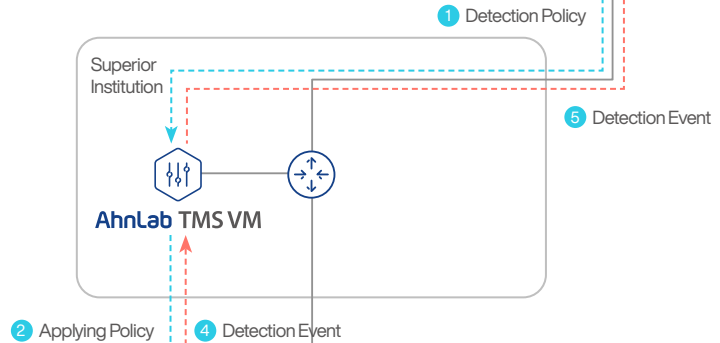
- Central Policy Management
- Central Threat Analysis
- Enhanced Monitoring/Visibility
- Advanced Engine

NCSC Use Case

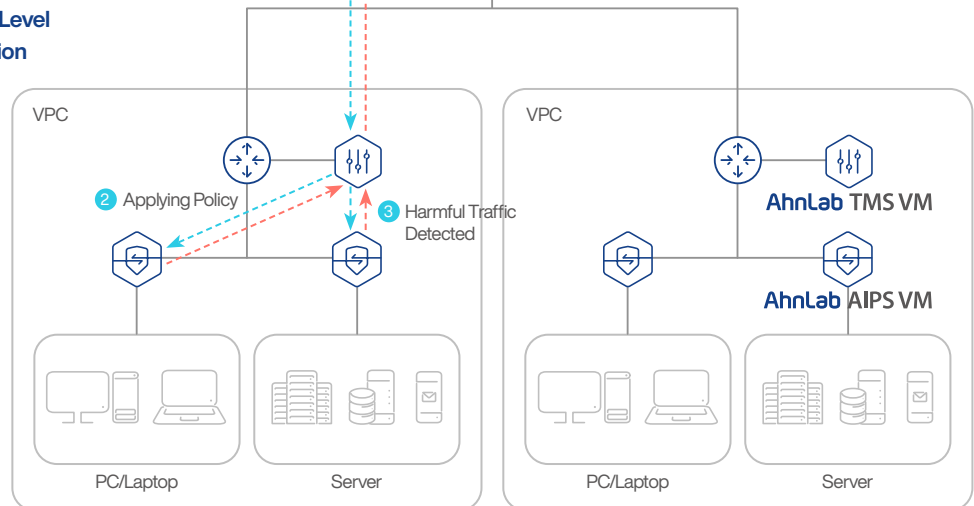
National Cyber Security Center (NCSC)



Superior Institution



Lower-Level Institution



Key Features

Detection/Prevention	<ul style="list-style-type: none">• Security Zone• PCRE regular expression• YARA• Anti-virus• 5 tuple IP control• Abnormal protocol block• Behavioral detection rule	<ul style="list-style-type: none">• Web defense• Threshold block• IP extraction (X-Forwarded-For header)• SSL traffic inspection• Application control• C2 block
Integration	<ul style="list-style-type: none">• AhnLab TMS VM - unified threat mgmt.• Government security system	
Visibility	<ul style="list-style-type: none">• Pre/user defined dashboard• Pre/user defined widget• Real-time traffic monitoring• Real-time detection/block monitoring	<ul style="list-style-type: none">• Log and statistics• Dynamic analysis (drill-down)• User-defined stat rules• User-defined reports
Configuration	<ul style="list-style-type: none">• Redundant configurations (active-active/active-standby)	

Specifications

	AIPS VM	TMS VM
vCPU (Min / Recommend)	4 Core / 8 Core	4 Core / 8 Core
Memory (Min / Recommend)	8 GB / 16 GB	16 GB / 32 GB
Storage (Min / Recommend)	60 GB / 500 GB	500 GB / 500 GB

* AhnLab TMS VM installation is required for integration with public-sector systems.

* Performance may vary depending on the deployment environment and configuration.

* Get expert guidance on the right product lineup and CSP instance options for your environment.

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