zGuardian

KEY FEATURES

> Enhances Protection & Network Security

> Easy Deployment and Simplified Management

> Extensive Data Analysis and Report Generation

> Demand based updates to keep system protected from latest threats

PRODUCT OVERVIEW

zGuardian – Cybersecurity Appliance

The zGuardian Cybersecurity Appliance offers all basic protections features to prevent old, traditional and new cyber attacks that are well- suited for small and medium-sized enterprises with down-to-earth pricing.

Advanced features such as intrusion prevention, and DNS filtering safeguard the entire IT infrastructure without any performance penalties.
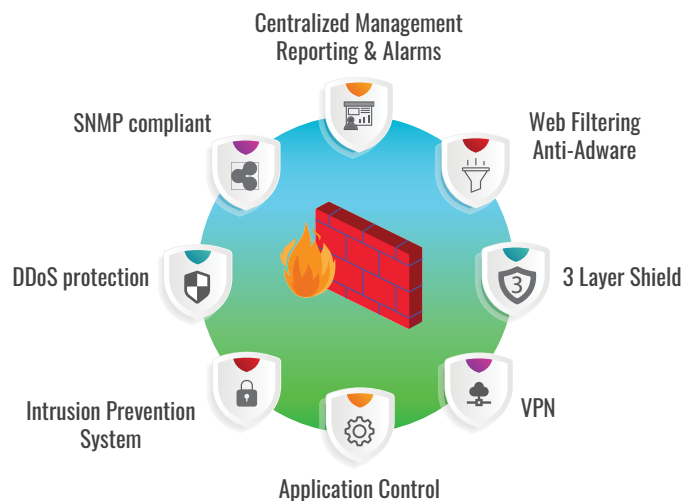
zGuardian Management Station

The zGuardian Management Station is a centralized software designed to manage and monitor zGuardian devices deployed within the network's reach.

Its dashboard displays real-time activities and notifications from the managed zGuardian devices.

zGuardian Functionalities

- DNS Filtering
- Intrusion prevention and intrusion detection system
- Anti-adware and advertisement avoidance
- Stateful firewall and Remote Manageability
- Auto update of web filtering, configuration, IPS-IDS rules, and adware links
- Remote Manageability
- Control of specific applications
- VPN for secured access to IT infrastructure via zero-trust network
- Geo-Fencing
- MAC address filtering

Centralized Management
Reporting & Alarms

SNMP compliant

Web Filtering
Anti-Adware

DDoS protection

3 Layer Shield

Intrusion Prevention
System

VPN

Application Control

Highlighted Features of zGuardian
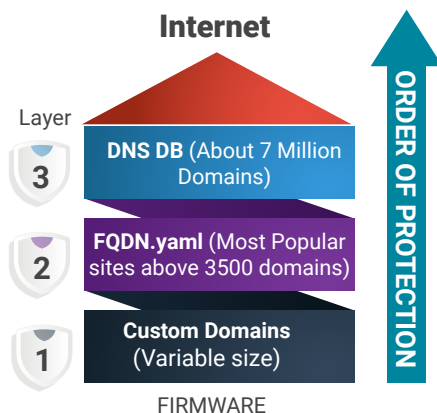
Enhanced Security

- Intrusion Detection and Prevention (IPS/IDS)

- Protects from Distributed Denial of Service (DDoS) attacks

- Safeguard from packet flood attacks

- Stateful Firewall

- FQDN filter with allow/block list

Up-to-date Protective Measures

- Smart update techniques for categorized domains from our repository without overloading the network links

- Demand-based updates of security rules to enhance cybersecurity

- Immediate updates based on policy changes in enterprises

3 Layer Shield

- Smart high-speed protective layers

- 3 Layer protection scheme ensures complete cyber security without compromising the performance even in low-end zGuardian models

- Quick decision to allow or deny most popular sites using protective layer 2 without entering into layer 3 and above

- More than 7 Million of in-built categorized domain database in layer 3

- Customized rules are allowed in layer 1

Internet

Layer

3 DNS DB (About 7 Million Domains)

2 FQDN.yaml (Most Popular sites above 3500 domains)

1 Custom Domains (Variable size)

FIRMWARE

ORDER OF PROTECTION

Seamless Network Management with SNMP

- Supports all the standardized SNMP protocols such as SNMPv1, SNMPv2c, and SNMPv3 for versatile, secure, and flexible device management

- Seamlessly monitors critical device parameters (e.g., traffic statistics, status alerts, and resource utilization) via SNMP

- Utilizes SNMPv3's encryption and authentication options to safeguard sensitive network data

- Configures settings and receives alerts for exceeded limits to ensure network reliability

- Works flawlessly with popular SNMP-based monitoring platforms (NMS, MIB browsers, etc.) to streamline IT infrastructure.

Application Control

- Flexibility to allow or deny certain applications based on their protocol

- Administrator can create policies to allow or block application traffic

- Supports application control with more than fifteen protocols such as SSH/FTP/SFTP/SMTP/MySQL/Telnet etc.

Centralized Management Solution (Director)

- Dashboard view of notifications and alerts of edge devices

- Automated or manual grouping of devices for hassle-free monitoring and management

- Bird's-eye view of Topology/Network of deployed ECs for the easiness in manageability of 100s to 1000s of numbers

- Easy edge device configurations and settings with a few clicks

- Real-time traffic statistics and link status

- Leveraging comprehensive analytics and advanced reporting features to provide actionable insights

- Administrator can take snap decisions based on alerts from the managed edge device

- Multi-language support

Network Management Solution (NMS)

- A light-weight management solution via well industry-standard SNMP v1, v2c and v3

- Automatically discovers edge devices via SNMP, ICMP, or custom IP ranges, using rule-based configuration for easy setup

- Organizes monitored devices into logical groups for streamlined management

- Geographic maps offer visualization of global infrastructure

- Custom-defined traps based on various thresholds and monitored values to activate alerts

- A built-in ticketing system for escalating incidents automatically upon receiving an alert

- Enhanced interfacing APIs to richer data exchange with Jira, ServiceNow, AmZetta Support Portal, and other ticketing systems

- Allows for flexible SLA adjustments based on time of day or workload, ensuring accurate SLA tracking

- Historical data reporting provides trend analysis, which aids in capacity planning and identifying performance issues

Productivity Conscious

- Blocks non-productive websites via DNS filtering

- Blocks adware which also reduces network traffic

- Protects IT infrastructure from DDoS attacks and hence avoids loss of productivity

Easy Deployment

- Plug-n-play edge deployment assisted by Zero Touch Configuration (ZTC)

- Easy Mirroring of security settings across multiple deployments using export/import configuration

- Optionally policy-driven configuration

- Hassle-free registration and visibility of edge devices

HW Minimum Requirements:

- ARM Cortex-A53, 64 bit, Dual core, 1.3 GHz

- 4 GB RAM

- 32 GB SSD

How to Get Started?

AmZetta offers free 30-day evaluation with no obligation to purchase. Simply visit https://AmZetta.com/Eval and complete the Evaluation Form. An AmZetta Solutions Engineer will help you get started with your evaluation.

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