

# StoneOS 5.5R10



## Hillstone Networks Releases StoneOS 5.5R10 Further Strengthens Customers' Overall Security Posture

We are releasing a set of groundbreaking new features while continuing to build on the core capabilities of our differentiated architecture. With over 300 new features and enhancements, the latest Hillstone StoneOS 5.5R10 empowers organizations with a more intelligent, reliable, and easy-to-use security solution. Users benefit greatly from more intelligent defense against known and unknown threats or attacks with enhanced AI technology, centralized ZTNA management, intelligent VPN routing, simplified system configuration and operation, as well as system-wide enhancements such as HA optimization, among others. All these enhancements and new features enable customers to address advanced threats or any system instability or operational and management (O&M) inconvenience brought on by increasing complexity in business, devices, and network environments.

### Threat Protection Enhancement with AI Technology



At any given time, organizations today can face multiple advanced attacks, such as 0-day attacks, threats in encrypted traffic, and other highly evasive attacks. The latest StoneOS leverages AI technology to provide Machine Learning (ML) based threat detection for encrypted traffic without the need for decryption, and intelligent DDoS protection, enhancing the existing intelligent threat protection capabilities on firewalls. Further, the optimized Perimeter Traffic Filtering (PTF) with a blacklist extension allows for broader threat protection.

## Centralized Zero Trust Control and Management

As Zero Trust Network Control (ZTNA) is more widely deployed, how to centralize control and management for multiple ZTNA clients and gateways is coming into focus. The new release implements centralized management for a large number of ZTNA policies via the Hillstone Security Management (HSM), improving the overall operations and management of the solution. It also introduces other advanced features, such as intelligent connectivity in multiple gateways, etc., making operations safer and smarter.



## Smarter Interconnectivity with Extended VPN Capabilities

Site-to-site VPN deployment requires multiple gateways at each site connected through a VPN tunnel. This may cause system instability and inefficient connectivity since it involves complex installation, configuration, and management of gateways. The new StoneOS release brings extended VPN features that support ECMP and failover to improve the connection efficiency, and provides more IPSec VPN tunnel establishment options by configuring custom ports and auto-negotiation.



## Streamlined System Operation Offloads Redundant Workloads

Since efficiency plays a critical role in conducting and expanding business, organizations always look for improvements. The latest StoneOS facilitates system operations by introducing a series of features, such as simplified start-up wizard and automated NAT redundancy check. These additional features help you improve overall productivity by reducing or streamlining workloads.



## Robust System-wide Enhancements Further Ensure Business Continuity

As systems become more complex, it becomes harder to run operations with the risk of system or network disruption. However, as the system continually complicates, organizations are facing more challenges of business disruption. In the latest StoneOS release, the system availability is improved across the board with support for advanced high availability (HA) and the graceful restart of Border Gateway Protocol (BGP), further ensuring business continuity for organizations.

