

SonicOS 5.6 Feature Overview

SonicOS 5.6 Summary

SonicOS 5.6 is the latest feature release from SonicWALL that integrates major changes to the SonicOS operating system for all TZ 210, TZ 200, TZ 100, NSA and E-Class NSA Series appliances, giving them the ability to support new feature enhancements including Deep Packet Inspection for SSL (DPI-SSL), Terminal Services Agent, SSL VPN Enhancements and Route-based VPN with Dynamic Routing Support.

SonicOS 5.6 Platform Support

TZ Series	TZ 100/100w	TZ 200/200w	TZ 210/210w		
NSA Series	240	2400	3500	4500	5000
E-Class NSA Series	E5500	E6500	E7500		

SonicOS 5.6 Feature/Platform Overview

Features	TZ 100, 200, 210 Series	NSA Series	E-Class NSA Series
Deep Packet Inspection for Secure Socket Layer (DPI-SSL)	-	NSA 3500/4500/5000	Yes
TSA Citrix Client Support	TZ 210 Series	Yes	Yes
SSL VPN Enhancements	Yes	Yes	Yes
Bookmarks for RDP and SSH	Yes	Yes	Yes
Granular User Controls	Yes	Yes	Yes
One-Time Password	Yes	Yes	Yes
Virtual Assist	TZ 200/210 Series	Yes	Yes
Route-based VPN with Dynamic Routing Support	TZ 200/TZ 210 Series	Yes	Yes
Increased UTM Connections	Yes	Yes	Yes
Multi-WAN (3G/Analog for NSA and E-Class NSA Appliances)	TZ 200/TZ 210	Yes	Yes
Packet Mirroring	Yes	Yes	Yes
Virtual Access Point (VAP) Support	TZ 100w, 200w and 210w	-	-



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Wireless Bridging	TZ 100w, 200w and 210w	-	-
Packet Mirroring	Yes	Yes	Yes
FairNet for SonicPoint-N Dual-Band	Yes	Yes	Yes
Diagnostic Enhancements	Yes	Yes	Yes

SonicOS 5.6 Key Features and Benefits

Deep Packet Inspection for Secure Socket Layer (DPI-SSL)

In a Word	Security
User Benefit	Enables scanning of encrypted HTTPS traffic for threats and vulnerabilities across clients and servers. Additionally, this technology can be used for SonicWALL Content Filtering Service (CFS) to enhance the effectiveness for HTTPS sites.
Feature Description	Provides the ability to decrypt HTTPS traffic transparently, scan this traffic for threats using SonicWALL's Deep Packet Inspection technology (GAV/AS/IPS/App FW/ CFS), then re-encrypt the traffic and send it along to its destination if no threats or vulnerabilities are found. This feature works for both clients and servers.

TSA (Terminal Services Agent/Citrix Support

In a Word	Flexibility
User Benefit	Allows transparent user authentication to enable Application Firewall and CFS policy enforcement in those environments running Terminal Services or Citrix.
Feature Description	Provides support to authenticate users transparently in environments running Terminal Services or Citrix within their network Environment.

Route-based VPN with Dynamic Routing Support

In a Word	Flexibility
User Benefit	Allows network administrators to simplify complex VPN deployments by using dynamic routing to update VPN networks dynamically.
Feature Description	Provides a method to use dynamic routing (OSPF or RIP) in conjunction with VPN to determine the best path traffic should take over a VPN tunnel.

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Multi-WAN Enhancements (USB 3G/Analog Support)

In a Word	Flexibility
User Benefit	Customers can now use the USB ports on their NSA or E-Class NSA firewall to provide analog or 3G failover. This feature has been available on the TZ 200, 210 and NSA 240 since SonicOS 5.5.
Feature Description	Provides support for USB 3G/Analog failover on all of NSA and E-Class NSA appliances.

SSL VPN Enhancements

Bookmarks for SSH and RDP

In a Word	Ease of Use
User Benefit	After logging into the SSL VPN Virtual Office, users will have the ability to access systems using SSH (Secure Shell) or RDP (Remote Desktop Protocol).
Feature Description	Provides a method to allow configuration of bookmarks for SSH and RDP services.

Granular User Controls

In a Word	Security
User Benefit	Provides a method to enforce different levels of policy access based on user ID.
Feature Description	Enforces granular user level controls over users connecting via NetExtender.

One-Time Password

In a Word	Security, Ease of Use
User Benefit	The SonicWALL SSL VPN One-Time Password feature provides more security than single, static passwords alone. Using a one-time password in addition to regular login credentials effectively adds a second layer of user authentication.
Feature Description	A one-time password is a randomly generated, single-use password. The SonicWALL SSL VPN One-Time Password feature is a two-factor authentication scheme that utilizes one-time passwords in addition to standard user name and password credentials, providing additional security for SonicWALL SSL VPN users.

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Virtual Assist

In a Word	Flexibility, Ease of Use
User Benefit	Provides a method for IT administrators to offer remote assistance when customers may not be at that local site.
Feature Description	SonicWALL Virtual Assist is a thin client remote support tool provisioned via a Web browser that enables a technician to assume control of a customer's PC or laptop for the purpose of providing remote technical assistance.

Increase UTM Connections

In a Word	Flexibility
User Benefit	Customers who need to increase their UTM connections may do so by enabling this option. The benefit is for high-end (E-Class) customers who have a need to increase the number of concurrent connections.
Feature Description	Provides a toggle to allow customers to increase the concurrent number of UTM connections possible for all SonicWALL network security appliances.

Packet Mirroring

In a Word	Flexibility
User Benefit	Customers can now gather data from one of the other ports on a SonicWALL to look for threats and vulnerabilities and help aid with diagnostics and troubleshooting.
Feature Description	Allows customers to configure one of the ports on an NSA or E-Class NSA firewall as a Mirror Port, enabling them to capture traffic flows from other ports.

VAP Support for TZ 100w, 200w and 210w

In a Word	Flexibility
User Benefit	Provides a method to segment different wireless groups by providing logical segmentation on a single wireless radio.
Feature Description	Allows customers to configure Virtual Access Points (VAPs) on the internal radio of a TZ 100w, 200w or TZ 210w.

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Wireless Bridging for TZ 100w, 200w and 210w

In a Word	Flexibility
User Benefit	Allows customers to extend a wired network by using a TZ 100w/200w/210w as a wireless client to connect to another network.
Feature Description	Provides a method by which the wireless radio on the TZ 100w, 200w and 210w can be used to connect to other wireless access points, allowing customers to bridge the wired interfaces on the TZ products.

FairNet for SonicPoint-N

In a Word	Flexibility, Ease of Use
User Benefit	Provides administrators with the ability to control bandwidth for all wireless users connected to a SonicPoint-N.
Feature Description	Provides the ability to create policies that equally distribute bandwidth for all wireless users connected to a SonicPoint-N.