SonicWALL Comprehensive Anti-Spam Service

Instant Spam Protection at the Gateway

- **Advanced Reputation Management (ARM)**
- **Cloud-based Advanced Content Management (ACM)**
- **Flexible junk email routing**
- **User Junk Box for Outlook® option**
- **GRID Anti-Virus**
- **Integrated allow and block lists**
- **Integrated reporting and logging**
- **Supports downstream email security systems**

With nearly 94% of email being junk (spam, phishing and virus-laden messages), allowing such distracting and dangerous traffic onto your network can grind your business communications and organizational productivity to a halt. Removing this junk email at the gateway optimizes network efficiency, and enhances email and employee productivity.

The SonicWALL® Comprehensive Anti-Spam Service delivers advanced spam protection at the network gateway. With just one click, this service can be activated on SonicWALL TZ, NSA, E-Class NSA Series security appliances and will immediately begin to filter SMTP (Simple Mail Transfer Protocol) email traffic to remove spam, phishing and even virus-laden email. The hybrid-cloud design of the service simplifies set-up while optimizing protection. There is no need to redirect mail exchanger (MX) records, nor do you need to send your email to yet another vendor to be "cleaned." Simply activate the service and stop spam before it enters your network.

Features and Benefits

Advanced Reputation Management (ARM) utilizes Sender IP Reputation to reject junk email—including spam, phishing and attached viruses—before it enters the network. Real-time reputation scores from the SonicWALL GRID network identify and block junk email from spammers. Advanced Reputation Management eliminates the need for less-effective, slow-responding and error-prone real-time blacklist services.

Cloud-based Advanced Content Management (ACM) removes any remaining junk email using SonicWALL's proven spam fighting techniques, including Adversarial Bayesian Analysis, SonicWALL GRIDprints, Image Inference Engine, gibberish detection, and Bayesian Phishing Analysis. The cloud-based design utilizes these advanced anti-spam techniques without impacting firewall processing and overall network throughput.

Flexible junk email routing categorizes junk messages as spam, likely spam, phishing, likely phishing, virus and likely virus. Each category of messages can be rejected, tagged and delivered, sent to the user's Junk Box, or deleted, for complete control and compliance with corporate and regulatory requirements.

User Junk Box for Outlook® option enables quick set-up of Junk Boxes for all users to store junk messages. Users can receive Junk Box Summary emails, which they may use to view (as text) and un-junk messages as desired. IT retains control over displayed categories, scheduling, and retention of Junk Box Summaries.

SonicWALL **GRID Anti-Virus** is automatically activated along with SonicWALL Comprehensive Anti-Spam Service to detect SMTP-based virus emails and reroute them as defined by the administrator (e.g., rejected or deleted) at the gateway. When purchased separately, the SonicWALL Gateway Anti-Virus, Anti-Spyware and Intrusion Prevention Service and SonicWALL Enforced Client Anti-Virus and Anti-Spyware Service provide comprehensive multi-layered virus protection.

Integrated allow and block lists are built into SonicWALL network security appliances. IP addresses can be allowed or blocked at the gateway. This feature is fully supported by the Comprehensive Anti-Spam Service and requires no additional set-up or training to use.

Integrated reporting and logging is built into SonicWALL network security appliances. Service status and statistics are easily displayed with one click, and log file entries can be viewed by service name. Service status shows availability of the Comprehensive Anti-Spam Service, Junk Boxes and the downstream email server.

The SonicWALL Comprehensive Anti-Spam Service **supports downstream email security systems** if used. For example, SonicWALL Email Security can provide advanced features such as corporate governance or compliance policies, per-user policies and preferences, advanced reporting and more, if such capabilities are needed.

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Specifications

How the SonicWALL Comprehensive Anti-Spam Service Works
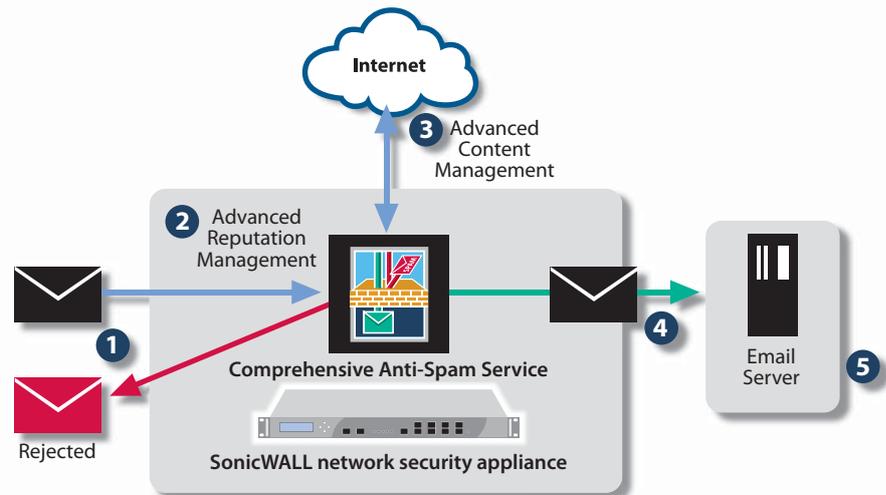
1 SMTP traffic arrives at the SonicWALL network security appliance

2 The Comprehensive Anti-Spam Service checks the reputation of the Sending IP server in real-time using the Advanced Reputation Management (ARM) service. ARM receives real-time inputs from over 4 million end-points worldwide to determine the reputation of servers that are sending email. Up to 80% of junk email can be rejected at the connection level, thus reducing overall processing by the network security appliance.

3 The remaining email is processed using the cloud-based Advanced Content Management (ACM) service. ACM service applies SonicWALL's proven spam detection techniques.

4 Good email is delivered to the email server.

5 Optionally, junk email can be delivered to SonicWALL Junk Boxes on the email server and Junk Box Summaries for each user can be delivered as emails to each user.

Where the SonicWALL Comprehensive Anti-Spam Service Fits

The SonicWALL Comprehensive Anti-Spam Service is ideally suited for SMBs and distributed enterprises to combat spam. Smaller organizations can ensure that only good email is delivered to their email server. Organizations can layer their anti-spam protection by adding a SonicWALL Email Security system behind the Anti-Spam Service to implement inbound and/or outbound policies and routing rules for corporate governance or compliance. Distributed enterprises that receive email in multiple locations can implement the SonicWALL Comprehensive Anti-Spam Service on remote SonicWALL firewalls to reduce spam-related network traffic and use SonicWALL Email Security to centralize email protection services.

Supported Platforms and Supported Email Servers

SonicWALL Comprehensive Anti-Spam Service is available as a subscription service on the following SonicWALL systems:

- TZ 100*, TZ 200 and TZ 210 Series with SonicOS 5.4 or higher installed
- All SonicWALL NSA and SonicWALL E-Class NSA Series with SonicOS 5.4 or higher installed
- Platforms and/or SonicOS versions not listed are not supported

The SonicWALL Comprehensive Anti-Spam Service operates with any email server which accepts inbound SMTP messages.

*Note: The TZ 100 does not support the User Junk Box for Outlook option.

Options included with the Comprehensive Anti-Spam Service

The **User Junk Box for Outlook®** option requires that the Junk Store application (provided as part of the service) be installed on a server (typically your email server) running Windows Server 2003 or Windows Server 2008.

Comprehensive Anti-Spam Service

Comprehensive Anti-Spam Service for up to 10 users/1 domain for 1 year
01-SSC-7577

Comprehensive Anti-Spam Service for up to 25 users/1 domain for 1 year
01-SSC-7578

Comprehensive Anti-Spam Service for up to 50 users/1 domain for 1 year
01-SSC-7579

Comprehensive Anti-Spam Service for up to 100 users/2 domains for 1 year
01-SSC-7580

Comprehensive Anti-Spam Service for up to 250 users/5 domains for 1 year
01-SSC-7581

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