

Firewall Toolbox

Do you use SonicWall Firewalls?

Can you answer the following questions spontaneously and without time-consuming searching?

- Which users have which access rights?
- Are all Security Services licensed and active?
- Are temporary rules still active that were originally created only for testing purposes?
- Is the system protected against failures?
- What happens if the firewall or the Internet connection goes down?

The Software “Firewall Toolbox” provides you with quick and precise answers and also significantly simplifies firewall audits. This saves you time and improves the efficiency of your security checks.

Audits: the Key for more Security & Compliance

Audits address the following topics:

- Compliance with regulations (NIS-2, GDPR)
- Regular adaptation to emerging threats
- Identifying security vulnerabilities
- Performance optimization
- Protection against internal threats
- Traceability and accountability
- Disaster recovery



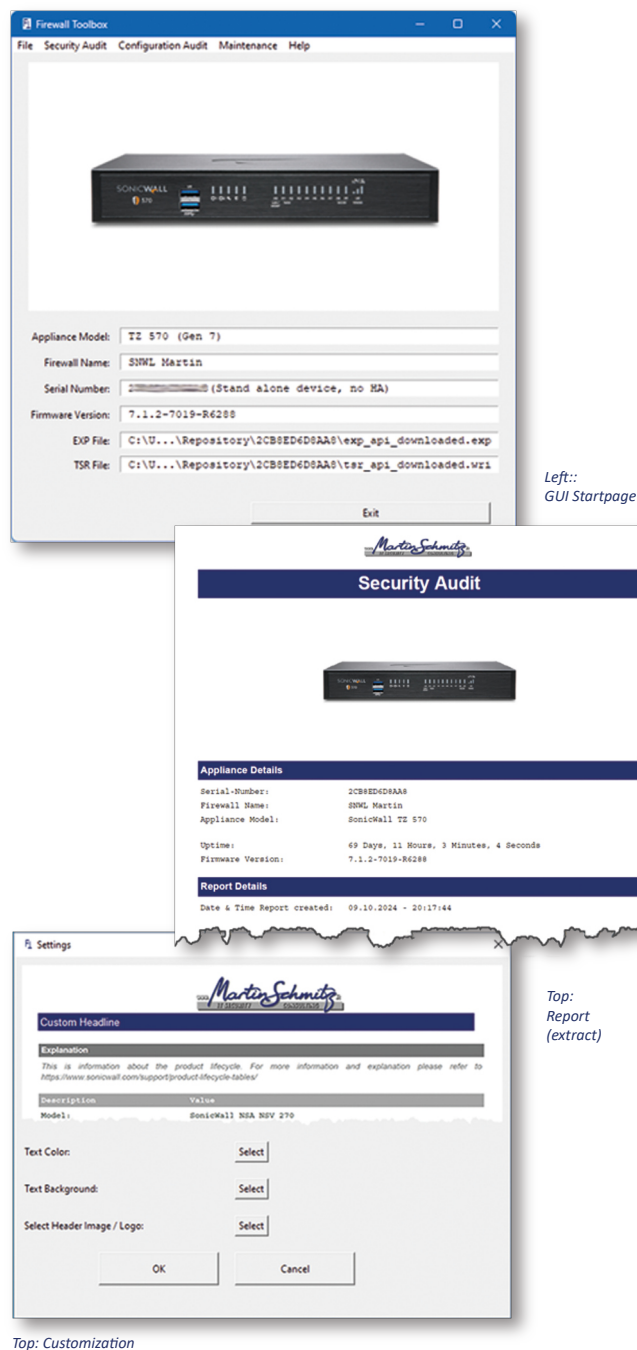
About the Author

Martin Schmitz has been working with SonicWall firewalls for more than 20 years. He spent 12 years as a Systems Engineer at SonicWall and has been working as a freelance Security Consultant since 2017. In this role, he advises customers on SonicWall solutions and is a certified SonicWall firewall trainer.



User Interface / Reports

Screenshots



Left:
GUI Startpage

Top:
Report
(extract)

Top: Customization

Reports

Security Audit



Firewall Rules / NAT Policies

- Firewall rules / NAT policies that have never been used
- Rules that allow access from WAN to internal networks
- Disabled rules
- Rules through which no traffic has passed for a defined period of time

VPN

- Crypto settings audit (weak ciphers, etc.)

Users

- Users in administrative groups
- External user authentication
- VPN access rights

Audit

- Firewall Audit Settings

Configuration Audit



Security Services

- Status & expiration
- On which zones are they enabled?

Reliability

- High availability status / settings
- WAN failover status / usage

Firmware status

- History (upgrades / uploaded settings)
- Status / updates available

Powerful Audit Tool

How does Firewall Toolbox work?

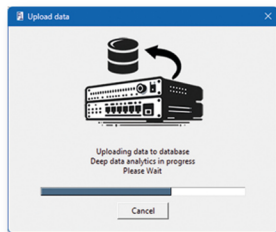
The software requires two key files:

- the Firewall Technical Support Report (TSR), and
- the SonicWall System Export (.exp) file.

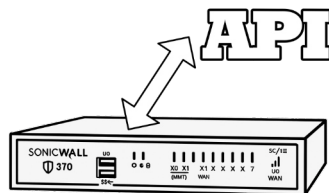
These files can either be downloaded manually or automatically via API from the firewall.

Optionally, the tool can also access MySonicWall to retrieve additional information.

A user-friendly wizard guides you through the data submission process. Once the information has been collected, it is processed, uploaded into a structured SQL database, and analyzed.



The tool then generates a wide range of reports, giving auditors easy access to the most important details about the firewall's current state



The removal of obsolete firewall rules and NAT policies can also be automated using API functions.

The appearance of the reports can be customized by applying your own logo and adjusting the color scheme of headings.

Currently, two main modules are implemented: Security and Configuration Audit, with initial functions available for Troubleshooting and Documentation.

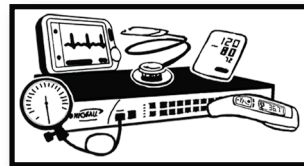
Guided Audits

Firewall-Audit guided by experts

If you do not have extensive expertise in firewall management, you can book a guided audit — either directly with Martin Schmitz IT Security Consulting or with an IT security partner who uses Firewall Toolbox.

A typical audit process looks like this:

- The firewall configuration is exported and processed with Firewall Toolbox, which generates a detailed report.
- The customer and the reseller review the report together and develop a plan for changes.
- After the changes have been implemented, a new report is generated and discussed. This process is repeated until the results are satisfactory.



The software runs on Windows 10 / 11. Only SonicWall firewalls with firmware versions 6, 7, and 8 are supported. SonicOS "Unified Policy" is currently not supported.

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More Information and free trial-version:
www.firewall-toolbox.com



FIREWALL TOOLBOX

Firewall Audit for SonicWall: quick and effective