

## Release Notes

Revision A

# Stonesoft Firewall/VPN Express 5.5.10

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## About this release

Stonesoft Firewall/VPN Express version 5.5.10 is a maintenance version for the Stonesoft Firewall/VPN Express appliance series.

This document contains important information about the current release. We strongly recommend that you read the entire document.

## Resolved issues

Problems described in the table below have been fixed in Stonesoft Firewall/VPN Express version 5.5.10. A workaround solution is presented for earlier versions where available.

Issue	Description
Using connection monitoring for Security Engine may lead to large number of logs (#82962)	Using connection monitoring for a Security Engine when diagnostics is enabled causes the Security Engine to produce a large amount of log data.
Incomplete information in Connection Monitoring view (#83716)	No information is shown in the Src Zone, Dst Zone, and User field in the Connection Monitoring view. The Netlink link field incorrectly shows 0.
Policy installation can hang the engine (#105066)	In rare situations, the policy installation can hang the engine, halting all network traffic processing.
Packet fragmentation does not work in Route-Based VPNs (#105647)	Packet fragmentation does not work properly in Route-Based VPNs.
Engine may not detect 3G modem (#107998)	The engine may fail to detect the 3G modem.
Connection Tracking mode Loose does not work with specific NAT configurations (#108751)	The Connection Tracking mode Loose does not work with specific NAT configurations. As a result, the engine may hang.
Incorrect source port logged (#109339)	In certain situations, the incorrect source port might be logged.
Monitoring SYN Rate Limit feature does not work (#109599)	Monitoring the SYN Rate Limit feature does not work. SMC counter items such as "SYN rate dropped traffic by interface" do not provide data.

Issue	Description
Engine might not handle TFTP connections correctly (#109642)	If a TFTP server communicates back to the client from source port 69, the engine might not handle TFTP-related connections correctly.
PXE protocol might not work through VPN (#109863)	The PXE protocol might not work through site-to-site VPN in some situations.

## System requirements

### Stonesoft Firewall/VPN appliances

This software version is supported on Stonesoft Express FW-105 FW/VPN appliances only.

## Build version

Stonesoft Firewall/VPN Express version 5.5.10 build version is 9901.

### Product Binary Checksums

sg\_engine\_5.5.10.9901\_express.zip  
MD5SUM 4804b85a7d9a7fb240809513aec9e1df  
SHA1SUM 0815bff2a908e1495c5f149f055e87d39e87996a

## Compatibility

### Minimum

Stonesoft Firewall/VPN Express version 5.5.10 is recommended to be used with the following Stonesoft component versions:

- Stonesoft Management Center 5.5.0 or higher
- Stonesoft Dynamic Update 517 or higher

## Installation instructions

The main installation steps for Stonesoft Firewall/VPN Express are as follows:

1. Install the Management Server, the Log Server(s), and the Management Client to host(s) to be used as the management system. Optionally, you can install the Authentication Server and Web Portal Server(s).
2. Configure the Firewall element using the Management Client.
3. Generate an initial configuration for the engines by right-clicking the Firewall and selecting **Save Initial Configuration**.
4. Make the initial connection from the engines to the Management Server and enter the one-time password provided during step 3.
5. Create and upload a policy on the engines using the Management Client.
6. Command the nodes online by right-clicking the firewall and selecting **Commands | Go Online**.

Refer to the *Stonesoft FW-105 Series Appliance Installation Guide* for alternative methods for the initial configuration of the engines.

The detailed installation instructions can be found in the *Stonesoft Management Center Installation Guide* and *Firewall/VPN Installation Guide*. For more information on using the Stonesoft system, refer to the Management Client *Online Help* or the *Stonesoft Administrator's Guide*. For background information on how the system works, consult the *Stonesoft Management Center Reference Guide* and *Firewall/VPN Reference Guide*.

## Upgrade instructions

Stonesoft Firewall/VPN Express version 5.5.10 requires an updated license if upgrading from version 5.4.x. The license upgrade can be requested at our website at <https://my.stonesoft.com/managelicense.do>. Install the new license using the Management Client before upgrading the software. The license is updated automatically by the Management Server if communication with Stonesoft servers is enabled and the maintenance contract is valid.

To upgrade the engine, use the remote upgrade feature in the Management Client. Detailed instructions can be found in the *Firewall/VPN Installation Guide*.

Upgrading to any 5.5.x version is only supported from a lower 5.5.x version or from a 5.4.x version. If you are running a lower version, please first upgrade to the highest 5.4.x version following the instructions in the release notes for that version.

### Note

If you have not changed the root password since engine version 4.x, change the root password before upgrading using the sg-reconfigure tool or the Management Client. If the upgrade is done without changing the root password, root login to the engine does not work after upgrading to 5.5.7 or higher until the password has been reset in the Management Client.

It is recommended to change root password in any case, as the salted hash of the root password is stored using a stronger hash (SHA-512) in version 5.5.5 and higher.

## Known issues

The current known issues of Stonesoft Firewall/VPN Express version 5.5.10 are described below. For a full and updated list of known issues, consult our website at [http://www.stonesoft.com/en/customer\\_care/kb/](http://www.stonesoft.com/en/customer_care/kb/).

No known open issues.

## Find product documentation

Stonesoft provides the information you need during each phase of product implementation, from installation to daily use and troubleshooting. After a product is released, information about the product is entered into the online Knowledge Base. Information about Stonesoft and the Stonesoft Management Center can still be found at [www.stonesoft.com](http://www.stonesoft.com).

To access...	Do this...
User documentation	Go to <a href="https://www.stonesoft.com/en/customer_care/documentation/">https://www.stonesoft.com/en/customer_care/documentation/</a>
Knowledge Base	<p>Go to the Stonesoft Knowledge Base: <a href="http://www.stonesoft.com/en/customer_care/kb/">http://www.stonesoft.com/en/customer_care/kb/</a>.</p> <p>The known issues database and the release notes can be found on the website.</p> <p>Go to the McAfee Knowledge Center: <a href="https://support.mcafee.com/ServicePortal/faces/knowledgecenter">https://support.mcafee.com/ServicePortal/faces/knowledgecenter</a></p> <p>New material will be published under the Next Generation Firewall product.</p>

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