



**STORMSHIELD**



**STORMSHIELD NETWORK SECURITY**  
STORMSHIELD NETWORK SSL VPN CLIENT

# RELEASE NOTES

Version 5

Document last updated: July 29, 2025

Reference: sns-en-ssl\_vpn\_client\_release\_notes-v5.1.1-EA



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In the documentation, Stormshield Network SSL VPN Client is named "Stormshield SSL VPN client". Stormshield Network Security is referred under the short form "SNS".

This document is not exhaustive and minor changes may have been included in this version.

### EA (Early Adopter) label

Minor or major versions with this label include new important features that have yet to be deployed among our clients on a large scale in a production environment. If none of these new features are essential to your production environment, we recommend that you choose a standard or LTSB version for better stability.

The EA label is not attached to any version over the long term and is removed once a subsequent corrective version is published.



## Change log

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| Date          | Description                                                                          |
|---------------|--------------------------------------------------------------------------------------|
| July 29, 2025 | Addition of a link to the Stormshield SSL VPN client v5 user and configuration guide |
| July 22, 2025 | New document                                                                         |



## New Stormshield SSL VPN Client behavior

This section lists the changes made to the automatic behavior of the Stormshield SSL VPN Client when it is updated from the latest available version 4 to 5.1.1 EA.

### Changes introduced in version 5.1.1 EA

#### Find out more

- Available languages - The Stormshield SSL VPN client is available in French and English. It is no longer available in German.
- Certificates
  - SHA-1 and MD5, which have been announced as obsolete as of version 4.0.5 EA, are no longer supported on the Stormshield SSL VPN client. If you need to update the certificate that is generated by default on the SNS firewall for the SSL VPN service, refer to the Stormshield knowledge base article [How can I regenerate the sslvpn-full-default-authority?](#) [authentication required].
  - During the initial connection, some users will need to indicate once again that the SNS firewall certificate has to be trusted.
- Manual mode/Imported OVPN files - A new method of importing OVPN files is now available. During an update from version 4 or lower to version 5, older imported OVPN files will not be retrieved. You therefore need to import them again after the update is complete.
- Address book/Saved connections - The "**Address book**" is now named "**Saved connections**". During an update from version 4 or lower to version 5, address book entries are added to saved connections, either automatically, or by entering the address book password the first time that the Stormshield SSL VPN client starts up, if the address book is protected. The original address book is not modified, and will be kept at its original location.
- Update from a version lower than version 5 - The version 5 installation program no longer manages the uninstallation of version 3 and lower versions. During an update from one of these versions, you need to uninstall the original version in advance, before installing version 5.
- The Stormshield SSL VPN client's traffic is now initiated by a service account. If a hardened configuration is used on workstations (e.g., when a firewall is used), the Stormshield SSL VPN client must be able to contact the following ports to set up SSL VPN connections. As the listed ports are from a default configuration, adapt them if necessary.

| Source                                                 | Destination     | Protocol/Port<br>(default)  | Purpose of the connection                                                                                                          |
|--------------------------------------------------------|-----------------|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Client [SSLVPNService]<br><b>Stormshield mode only</b> | OpenVPN gateway | TCP/443<br>[captive portal] | Retrieve SSL VPN configuration and send information to the SNS firewall to verify the compliance of the client workstation [ZTNA]. |
| Client [OpenVPN]                                       | OpenVPN gateway | UDP/1194<br>[SSL VPN]       | Set up the SSL VPN connection                                                                                                      |
| Client [OpenVPN]                                       | OpenVPN gateway | TCP/443<br>[SSL VPN]        | Set up the SSL VPN connection<br>[compatibility]                                                                                   |



# New features and enhancements in version 5.1.1 EA

## New graphical user interface and enhanced user experience

The Stormshield VPN SSL client version 5 graphical interface has been redesigned, and user experience has been enhanced:

- "**Automatic mode**" is now known as "**Stormshield mode**". This mode allows the Stormshield SSL VPN client to automatically retrieve a connection's SSL VPN configuration over the SNS firewall, and to send information that enables the firewall to verify the client workstation's compliance (ZTNA).
- The "**Address book**" is now named "**Saved connections**".
  - You can save connections here, either by entering information of the SNS firewall in "**Stormshield Mode**", or by importing an OVPN file.
  - You can mark each connection as a favorite. The list of favorite connections is accessible via the Stormshield SSL VPN client graphical interface, and through the pop-up menu of the Stormshield SSL VPN client icon.
  - You can enable an option to automatically set up the SSL VPN connection of your choice each time the Stormshield SSL VPN Client is opened. However, a manual action is still required if the access to saved connections is password-protected, or if an OTP code must be entered.
- A new menu named "**Direct connection**" makes it possible to connect via SSL VPN without having to save a connection in the Stormshield SSL VPN client. In this menu, "**Stormshield mode**" and the OVPN file import feature can be used.
- A new menu named "**Connection logs**" makes it possible to look up connection events on the Stormshield SSL VPN client, such as "*Connection established*", "*Connection lost*", "*Server unreachable*", etc.
- The pop-up menu of the Stormshield SSL VPN client icon has been redesigned. In this menu, you can display the last connection used, or the list of favorite connections, and set up SSL VPN connections by clicking on the desired connection.

For more information, refer to the [Stormshield SSL VPN client v5 user and configuration guide](#).

## Extended compatibility

The Stormshield SSL VPN client in version 5.1.1 EA can be installed on the following operating systems:

- Windows: Windows 10 [x64] and Windows 11 [x64].
- Linux:
  - Ubuntu Desktop 22.04 LTS [amd64] and Ubuntu Desktop 24.04 LTS [amd64],
  - RHEL 8 [amd64] and RHEL 9 [amd64]. The Stormshield SSL VPN client in RHEL 8 requires the installation of an OpenVPN package in at least version 2.5.
- macOS: macOS Sonoma 14 [arm64] M1 and later models, and macOS Sequoia 15 [arm64] M1 and later models.

This list may change over time, depending on the life cycle of the above operating systems, and the versions mentioned. Always refer to the [SSL VPN Client](#) section of the *Network Security*



& *Tools product life cycle* document, which is the reference page for compatibility with the Stormshield SSL VPN client.

## Single sign-on support

Single sign-on is supported as of version 5 of the Stormshield SSL VPN client. This allows users to authenticate over an authentication portal, and allows them to set up SSL VPN connections with a compatible SNS firewall.

Users can authenticate:

- Either over the SNS firewall's captive portal, for example with their Active Directory identity and password,
- Or over the authentication portal of an identity-as-a-service (IDaaS) platform like Microsoft Entra ID solution.

For single sign-on to function:

- The Stormshield SSL VPN client must be configured to use this connection mode by selecting the **Connect with single sign-on** checkbox in a connection's settings or in the **Direct connection** menu. For more information, refer to the [Stormshield SSL VPN client v5 user and configuration guide](#).
- The SNS firewall used for the connection must be version 5.0.1 or higher.
- For authentication using the OIDC/Microsoft Entra ID method, the method must be enabled and configured on the SNS firewall.

## New organization of Stormshield SSL VPN client documentation

Stormshield SSL VPN client documentation is now split up into two guides:

- [Stormshield SSL VPN client v5 installation guide](#),
- [Stormshield SSL VPN client v5 user and configuration guide](#).

Previously, a single document explaining installation, configuration and the use of the Stormshield SSL VPN Client was available.



## Compatibility

For more information, refer to the section [SSL VPN Client](#) in the *Network Security & Tools Product Life Cycle* document.

## Known issues

The updated list of known issues relating to this version of SN SSL VPN Client can be found in the Stormshield [Knowledge base](#). To log in to the Knowledge base, use the same credentials as for your [MyStormshield](#) client area.

## Limitations and explanations on usage

This section lists the limitations and explanations on usage with the Stormshield SSL VPN client.

### Certificates signed with SHA-1

When the OpenVPN gateway (e.g., the SNS firewall) presents a certificate that is signed with SHA-1, an error message appears in the Stormshield SSL VPN Client connection window, prompting you to check the credentials used to connect. Ignore the reason given in the message: the connection failed because SHA-1 is no longer supported on the Stormshield SSL VPN client.

### Multi-account installation under Linux and macOS

We recommend that individual users who share a Linux or macOS workstation with other users ensure that they shut down their SSL VPN connections after each use on the workstation.

### Multifactor authentication via a third-party application

Multifactor authentication via a third-party application (Push mode), e.g., the inWebo solution, does not work with Stormshield SSL VPN Client version 5.1.1 EA. If you use this type of authentication, Stormshield recommends that you continue to use version 4 of Stormshield SSL VPN Client and wait for next version 5.



## Documentation resources

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Technical documentation resources are available on the [Stormshield technical documentation](#) website. We recommend that you rely on these resources to get the best results from all features in this version.

Please refer to the Stormshield [Knowledge base](#) for specific technical information that the TAC (Technical Assistance Center) has created.

## Installing this version

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To install or update the Stormshield SSL VPN client, refer to the [Stormshield SSL VPN client v5 installation guide](#).



## Contact

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To contact our Stormshield Technical Assistance Center (TAC):

- <https://mystormshield.eu/>

All requests to technical support must be submitted through the incident manager in the **MyStormshield** client area, under **Technical support** > **Manage cases**.

- +33 (0) 9 69 329 129

In order for us to provide high-quality service, you are advised to use this communication method only to follow up on incidents that have been created earlier on **MyStormshield**.



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