TECHNICAL NOTE

STORMSHIELD NETWORK SECURITY

PROTECTING ACCESS TO THE CONFIGURATION PANEL OF THE UEFI ON SNS FIREWALLS

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Change log

Date	Description
February 19, 2026	- Document modified to present a single procedure
August 07, 2025	- SNxr1200 firewall added
May 21, 2025	- Requirement regarding the installation of a driver added in the "Requirements" section
December 03, 2024	- SN-XS-Series-170, SN-L-Series-2200, SN-L-Series-3200, SN-XL-Series-5200, SN-XL-Series-6200 and SNi10 firewall models added
May 25, 2023	- SN-S-Series-220, SN-S-Series-320, SN-M-Series-520, SN-M-Series-720 and SN-M-Series-920 firewall models added
June 13, 2022	- New document

Getting started

This technical note explains how to enable and disable password protection on SNS firewalls' UEFI control panel.

For security reasons, before enabling Secure Boot, you are advised to protect access to the SNS firewall's UEFI control panel with a password.

If Secure Boot is enabled by default on the SNS firewall, we recommend protecting access to the UEFI's control panel as soon as possible.

IMPORTANT
The password you set must be kept in a safe and secure location. If you misplace your password, Stormshield will not be able to recover it, and you will no longer be able to update the SNS firewall's UEFI.

Required equipment

This section sets out the requirements for enabling and disabling password protection in the UEFI control panel on SNS firewalls.

NOTE
Connectors on the SNS firewall side are always listed first with regard to the USB and serial cables mentioned below.

SN-XS-Series-170, SNi10, SN-S-Series-220 and SN-S-Series-320 firewalls

- A USB-C to USB-A cable that is provided with the SNS firewall,
- A computer with a terminal emulator installed, e.g., PuTTy, configured with a baud rate of 115200, and the PL23XX USB-to-Serial driver installed.

These models do not have ports allowing a monitor to be connected.

SN-M-Series-520, SN-M-Series-720 and SN-M-Series-920 firewalls

- A USB-C to USB-A cable provided with the SNS firewall, or an RJ45 to RS232 serial cable provided with the SNS firewall (if necessary, with an RS232 to USB adapter),
- A computer with a terminal emulator installed, e.g., PuTTy, configured with a baud rate of 115200, and the PL23XX USB-to-Serial driver installed.

These models do not have ports allowing a monitor to be connected.

SN-L-Series-2200 and SN-L-Series-3200 firewalls

Connection to an SN-L-Series firewall from a computer:

- A USB-C to USB-A cable provided with the SNS firewall, or an RJ45 to RS232 serial cable provided with the SNS firewall (if necessary, with an RS232 to USB adapter),
- A computer with a terminal emulator installed, e.g., Putty, configured with a baud rate of 115200, and the PL23XX USB-to-Serial driver installed if the SNS firewall is connected over a USB-C port.

Connection to an SN-L-Series firewall from a monitor:

- A USB keyboard,
- A monitor and HDMI cable.

SN-XL-Series-5200 and SN-XL-Series-6200 firewalls

Connection to an SN-XL-Series firewall from a computer:

- A USB-C to USB-A cable provided with the SNS firewall, or an RJ45 to RS232 serial cable provided with the SNS firewall (if necessary, with an RS232 to USB adapter),
- A computer with a terminal emulator installed, e.g., Putty, configured with a baud rate of 115200, and the PL23XX USB-to-Serial driver installed if the SNS firewall is connected over a USB-C port.

Connection to an SN-XL-Series firewall from a monitor:

- A USB keyboard,
- A monitor and VGA cable.

SN1100 and SN3100 firewalls

Connection to an SN1100 or SN3100 firewall from a computer:

- An RJ45 to RS232 serial cable provided with the SNS firewall (if necessary, with an RS232 to USB adapter),
- A computer with a terminal emulator installed, e.g. PuTTy configured with a *baud rate* of 115200.

Connection to an SN1100 or SN3100 firewall from a monitor:

- A USB keyboard,
- A monitor and HDMI cable.

SNi20 firewalls

Connection to an SNi20 firewall from a computer:

- An RJ45 to RS232 serial cable provided with the SNS firewall (if necessary, with an RS232 to USB adapter),
- A computer with a terminal emulator installed, e.g. PuTTy configured with a *baud rate* of 115200.

Connection to an SNi20 firewall from a monitor:

- A USB keyboard,
- A monitor and micro HDMI cable.

SNxr1200 firewalls

Connection to an SNxr1200 firewall from a computer:

- An “IT connection kit” provided as an option,
- An RS232 to USB female serial cable,
- A computer with a terminal emulator installed, e.g. PuTTy configured with a *baud rate* of 115200.

Connection to an SNxr1200 firewall from a monitor:

- An “IT connection kit” provided as an option,
- A USB keyboard,
- A monitor and DVI cable.

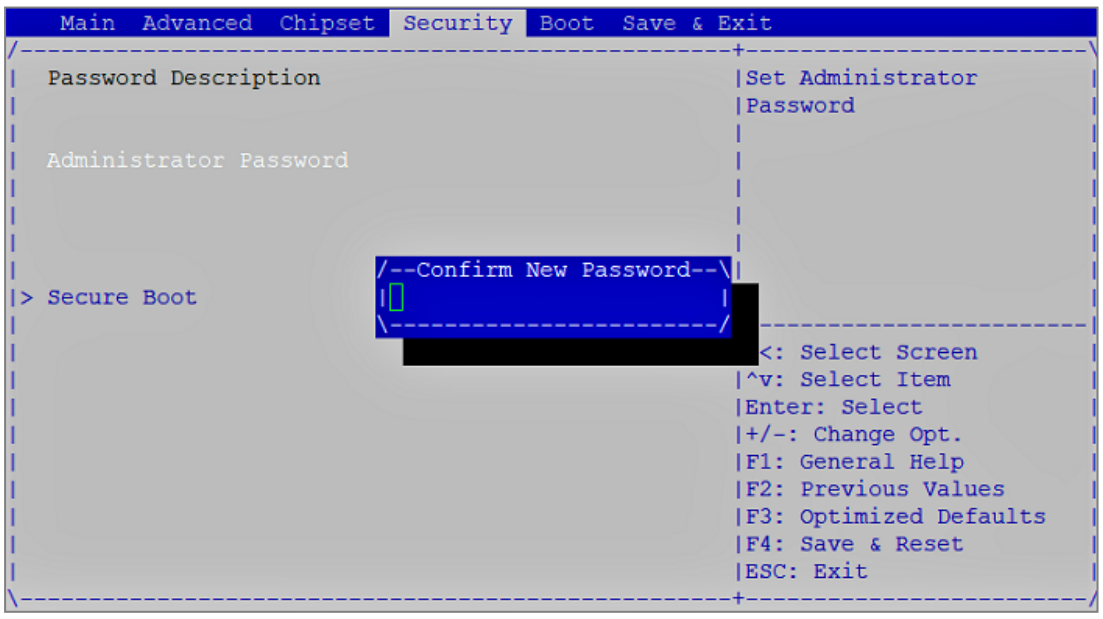
Enabling password protection in the UEFI control panel

This section explains how to enable password protection on SNS firewalls' UEFI control panel.

The images below show BIOS on SN-S-Series model firewalls. As such, the display may vary depending on the model used, but the process remains the same.

1. Connect the computer to the SNS firewall using an appropriate cable, and log in with your terminal emulator in console mode;
   - or -
   Connect a USB keyboard and a monitor to the SNS firewall using an appropriate cable.
2. In the console, authenticate by using the *admin* account on the SNS firewall system.
3. Run this command to restart the SNS firewall:
   ```
   reboot
   ```
4. Once the SNS firewall starts up, press **[Del]** several times to stop its startup sequence, and access BIOS.
5. In the **Security** tab, select **Administrator Password** or **Setup Administrator Password**, depending on your SNS firewall model, and press **[Enter]**.
6. In the *Create New Password* window, enter a password, and press **[Enter]**.
7. In the *Confirm New Password* window, confirm the password, and press **[Enter]**.

> **IMPORTANT**
> Keep the password in a safe and protected location. If you misplace your password, Stormshield will not be able to recover it, and you will no longer be able to update the SNS firewall's UEFI.



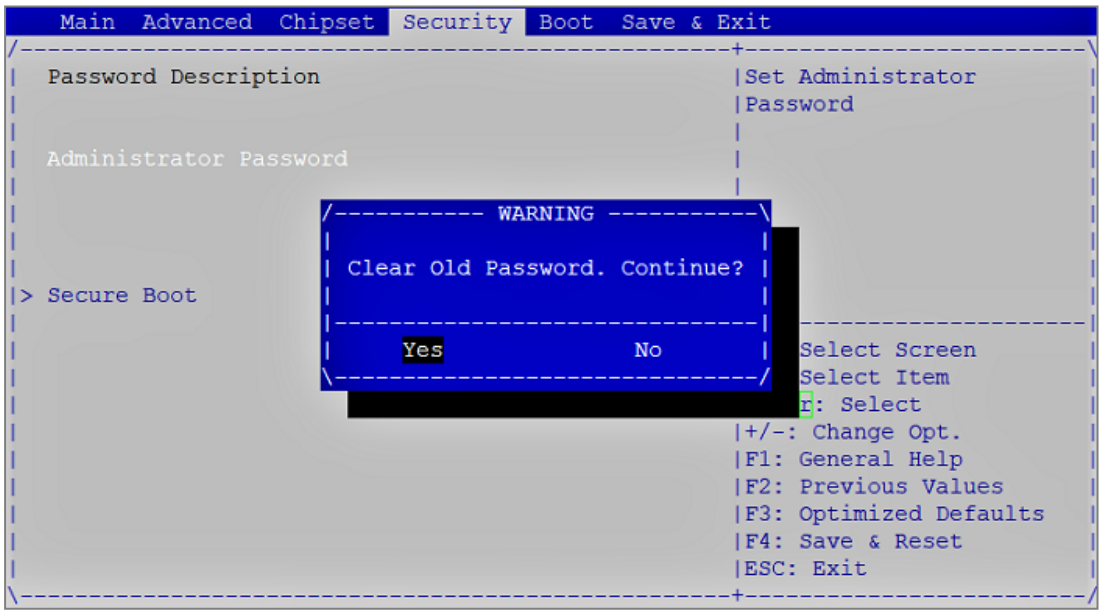
8. Press **[Esc]** to go back to the previous window.
9. In the **Save & Exit** tab, select **Save Changes and Reset**, and press **[Enter]**.
10. In the *Save & Reset* window, select **Yes**, and press **[Enter]**.

Disabling password protection in the UEFI control panel

This section explains how to disable password protection on SNS firewalls' UEFI control panel.

The images below show BIOS on SN-S-Series model firewalls. As such, the display may vary depending on the model used, but the process remains the same.

1. Connect the computer to the SNS firewall using an appropriate cable, and log in with your terminal emulator in console mode;
   - or -
   Connect a USB keyboard and a monitor to the SNS firewall using an appropriate cable.
2. In the console, authenticate by using the *admin* account on the SNS firewall system.
3. Run this command to restart the SNS firewall:
   ```
   reboot
   ```
4. Once the SNS firewall starts up, press **[Del]** several times to stop its startup sequence, and access BIOS.
5. Enter the password to access the UEFI control panel.
6. In the **Security** tab, select **Administrator Password** or **Setup Administrator Password**, depending on your SNS firewall model, and press **[Enter]**.
7. In the *Enter Current Password* window, enter the password to access the UEFI control panel, and press **[Enter]**.
8. In the *Create New Password* window, leave the field empty, and press **[Enter]**.
9. In the *WARNING* window, select **Yes**, and press **[Enter]**.



10. Press **[Esc]** to go back to the previous window.
11. In the **Save & Exit** tab, select **Save Changes and Reset**, and press **[Enter]**.
12. In the *Save & Reset* window, select **Yes**, and press **[Enter]**.

Further reading

Additional information and answers to some of your questions may be found in the Stormshield knowledge base (authentication required).

To enable or disable Secure Boot on SNS firewalls, refer to the technical note Managing Secure Boot in SNS firewalls' UEFI.

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