TECHNICAL NOTE
STORMSHIELD NETWORK SECURITY

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

Product concerned: SN-S-Series-220, SN-S-Series-320, SN-M-Series-520, SN-M-Series-720, SN-M-Series-920, SN1100, SN3100 and SNi20

Document last updated: May 25, 2023

Reference: sns-en-UEFI_protection_technical_note

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Change log

Date	Description
May 25, 2023	Add SN-S-Series-220, SN-S-Series-320, SN-M-Series-520, SN-M-Series-720 and SN-M-Series-920 firewalls
June 13, 2022	New document

Getting started

This document explains the processes of enabling or disabling password protection in the UEFI control panel on SNS firewalls.

This procedure applies to the following products: SN-S-Series-220, SN-S-Series-320, SN-M-Series-520, SN-M-Series-720, SN-M-Series-920, SN1100, SN3100 and SNi20.

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

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

Requirements

Depending on the SNS firewall model used, you will need the following items. Continue according to the model of your SNS firewall.

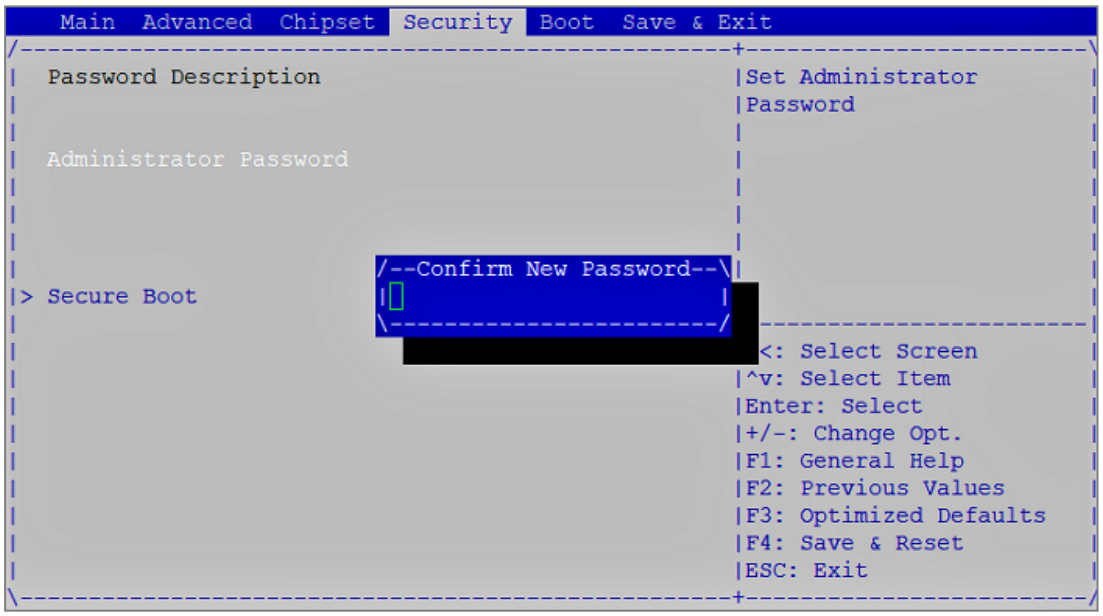
Model used	Elements
SN-S-Series-220 SN-S-Series-320 SN-M-Series-520 SN-M-Series-720 SN-M-Series-920	• A computer with a terminal emulator installed, e.g., Putty, • A USB-A to USB-C cable (provided with the product).
SN1100 SN3100 SNi20	• A computer with a terminal emulator installed, e.g., Putty, • An RJ45 to RS232 serial cable (provided with the product).

SN-S-Series-220 and SN-S-Series-320

Enabling password protection in the UEFI control panel

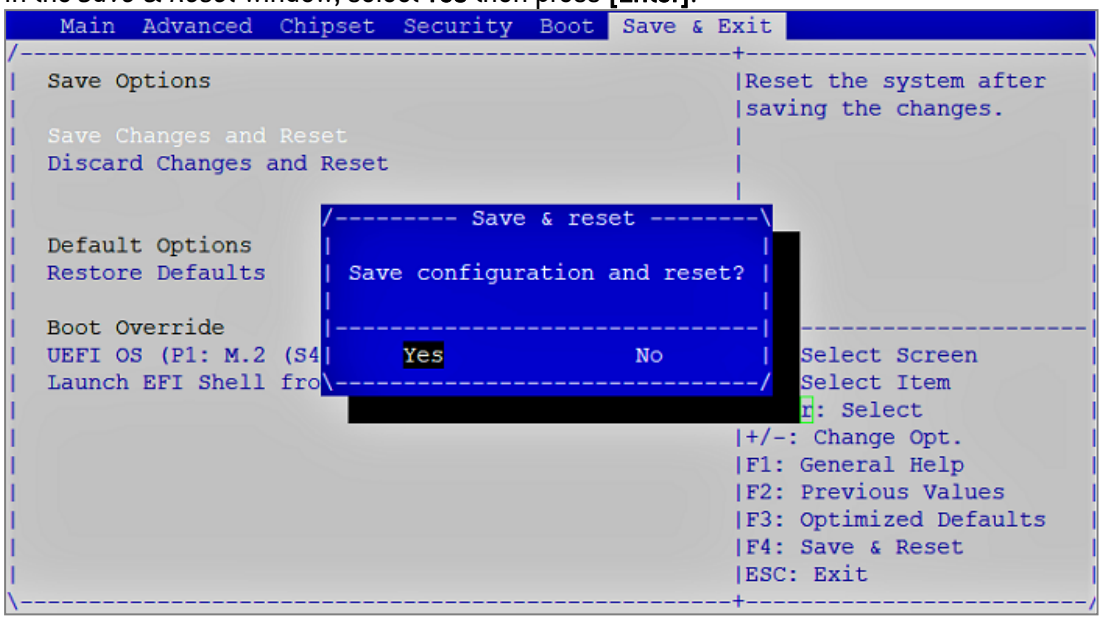
1. Connect a computer to the SNS firewall using a USB-A to USB-C cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Go to the **Security** tab by using the arrow keys.
5. Select **Administrator Password** and press **[Enter]**.
6. In the *Create New Password* window, enter a password of your choice and press **[Enter]**.
7. In the *Confirm New Password* window, confirm the password and press **[Enter]**.

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



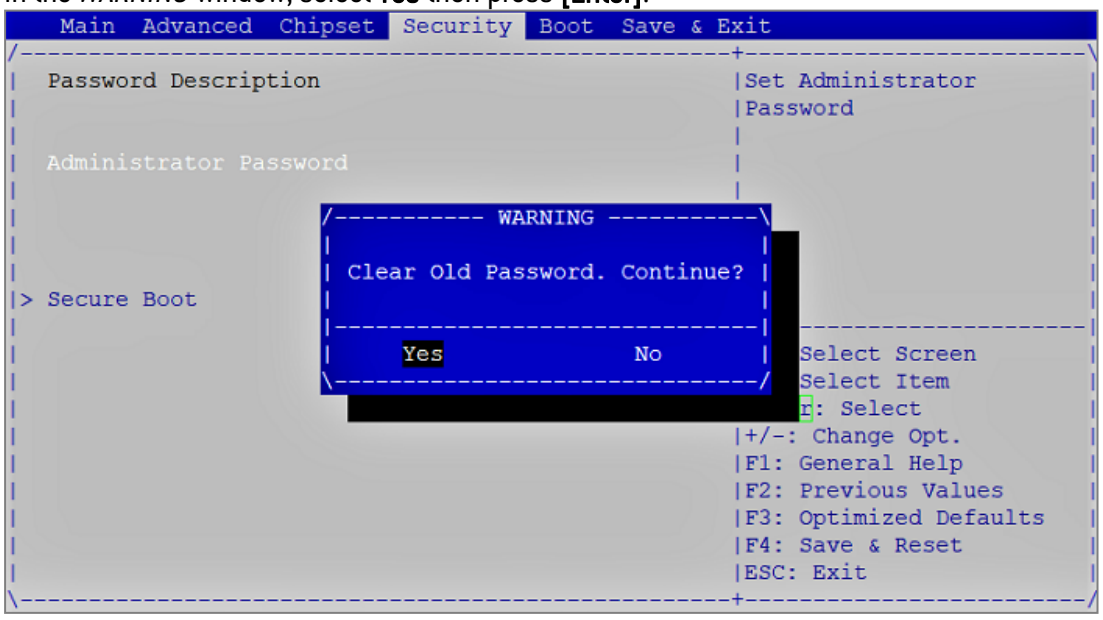
8. Press **[Esc]** and go to the **Save & Exit** tab.
9. Select **Save Changes and Reset** and press **[Enter]**.

10. In the *Save & Reset* window, select **Yes** then press **[Enter]**.

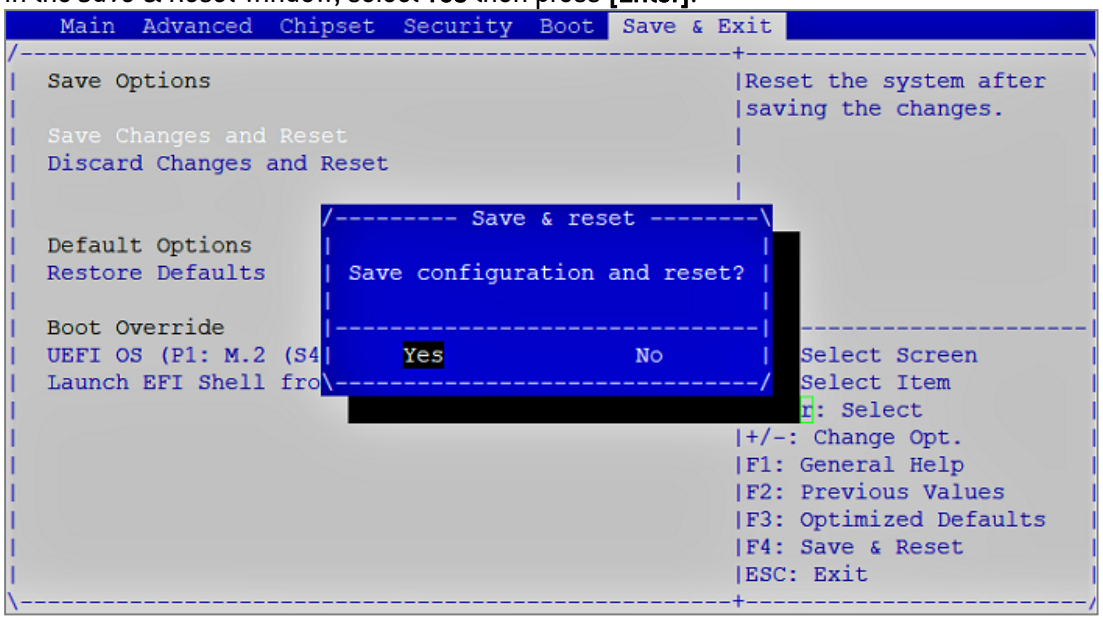


Disabling password protection in the UEFI control panel

1. Connect a computer to the SNS firewall using a USB-A to USB-C cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Enter the password to access the UEFI control panel.
5. Go to the **Security** tab by using the arrow keys.
6. Select **Administrator Password** and press **[Enter]**.
7. In the *Enter Current Password* window, enter the current password and press **[Enter]**.
8. In the *Create New Password* window, leave the field empty and press **[Enter]**.
9. In the *WARNING* window, select **Yes** then press **[Enter]**.



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

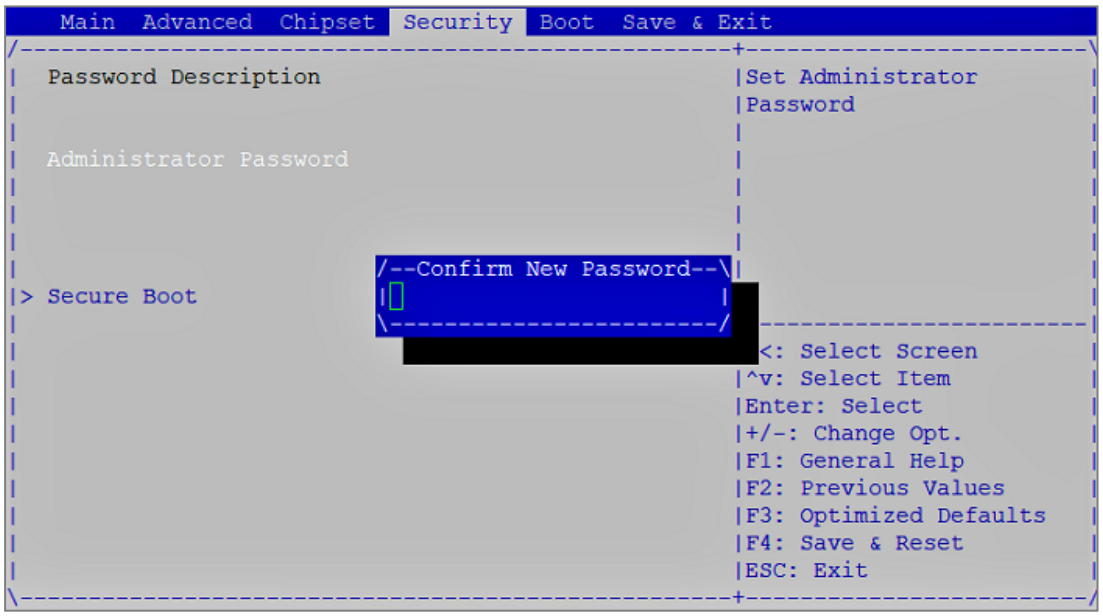


SN-M-Series-520

Enabling password protection in the UEFI control panel

1. Connect a computer to the SNS firewall using a USB-A to USB-C cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Go to the **Security** tab by using the arrow keys.
5. Select **Administrator Password** and press **[Enter]**.
6. In the *Create New Password* window, enter a password of your choice and press **[Enter]**.
7. In the *Confirm New Password* window, confirm the password and press **[Enter]**.

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



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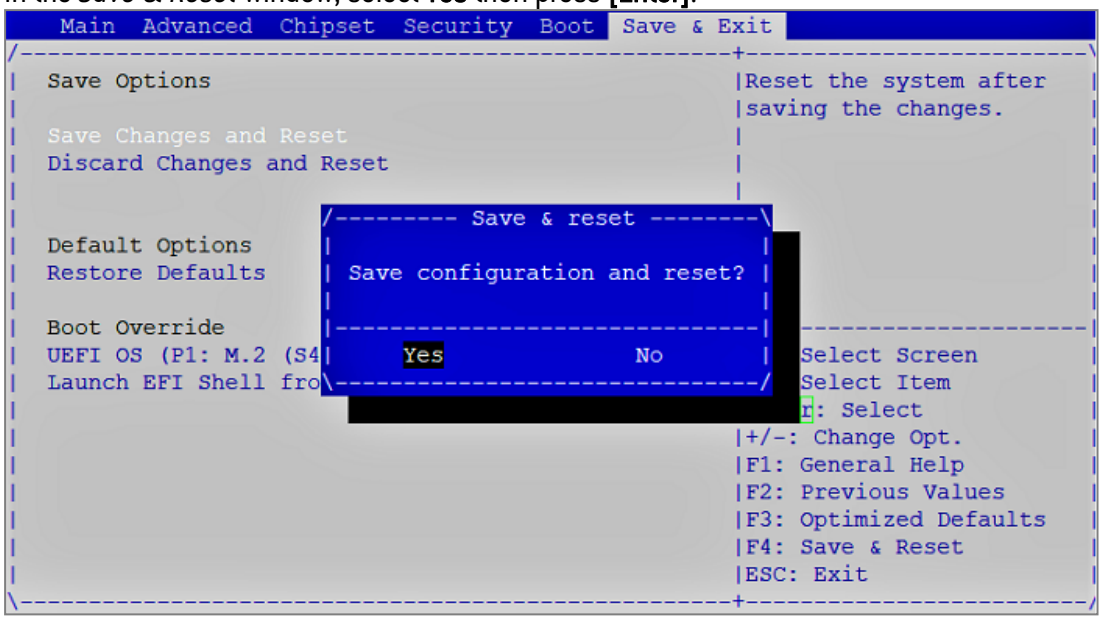
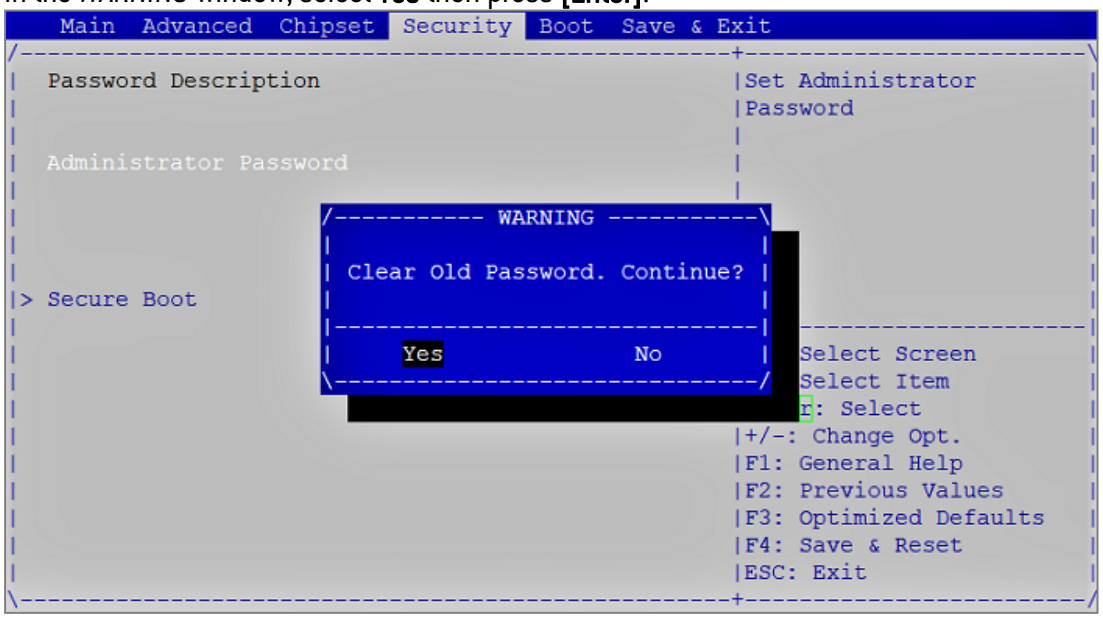
10. In the *Save & Reset* window, select **Yes** then press **[Enter]**.

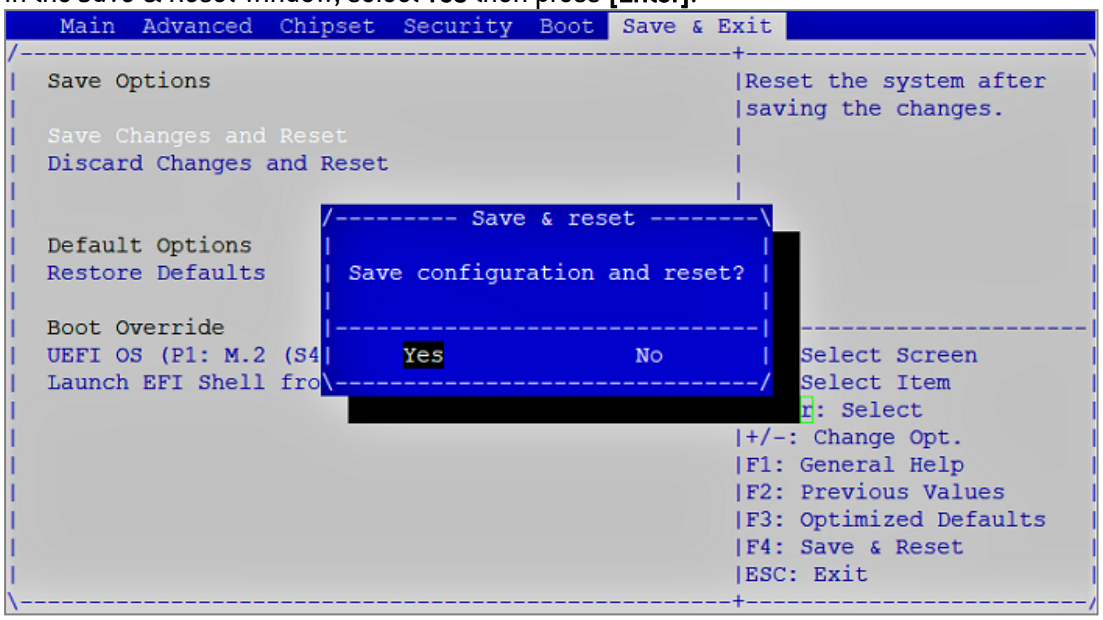


Disabling password protection in the UEFI control panel

1. Connect a computer to the SNS firewall using a USB-A to USB-C cable.
2. Open a terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Enter the password to access the UEFI control panel.
5. Go to the **Security** tab by using the arrow keys.
6. Select **Administrator Password** and press **[Enter]**.
7. In the *Enter Current Password* window, enter the current password and press **[Enter]**.
8. In the *Create New Password* window, leave the field empty and press **[Enter]**.
9. In the *WARNING* window, select **Yes** then press **[Enter]**.



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



SN-M-Series-720 and SN-M-Series-920

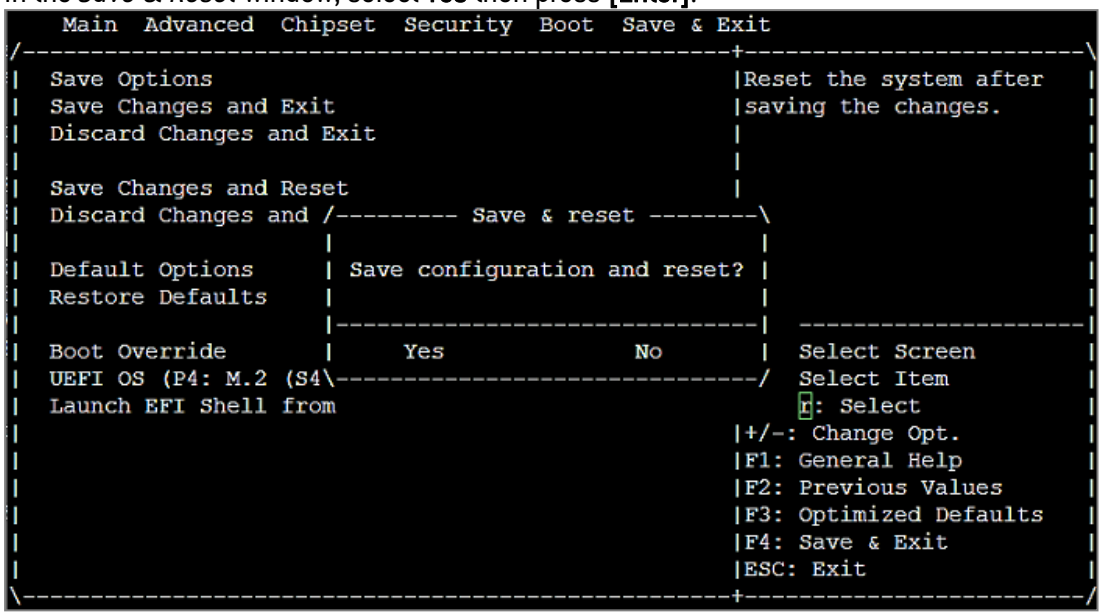
Enabling password protection in the UEFI control panel

1. Connect the computer to the SNS firewall using the USB-A to USB-C cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Go to the **Security** tab by using the arrow keys.
5. Select **Administrator Password** and press **[Enter]**.
6. In the *Create New Password* window, enter a password of your choice and press **[Enter]**.
7. In the *Confirm New Password* window, confirm the password and press **[Enter]**.

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

8. Press **[Esc]** and go to the **Save & Exit** tab.
9. Select **Save Changes and Reset** and press **[Enter]**.

10. In the *Save & Reset* window, select **Yes** then press **[Enter]**.

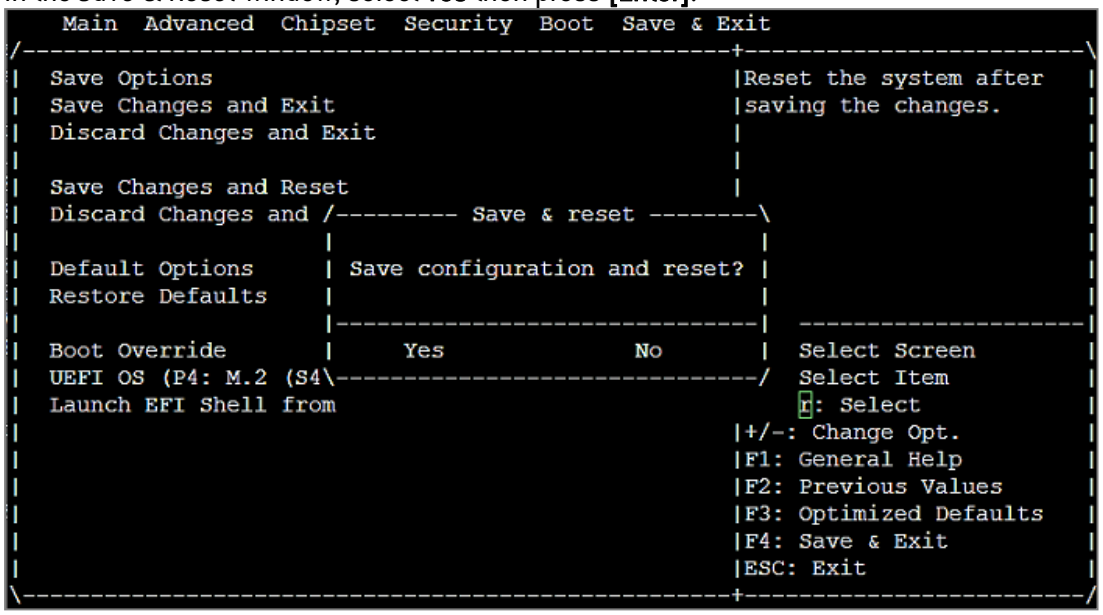


Disabling password protection in the UEFI control panel

1. Connect the computer to the SNS firewall using the USB-A to USB-C cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Enter the password to access the UEFI control panel.
5. Go to the **Security** tab by using the arrow keys.
6. Select **Administrator Password** and press **[Enter]**.
7. In the *Enter Current Password* window, enter the current password and press **[Enter]**.
8. In the *Create New Password* window, leave the field empty and press **[Enter]**.
9. In the *WARNING* window, select **Yes** then press **[Enter]**.

10. Press **[Esc]** and go to the **Save & Exit** tab.

11. Select **Save Changes and Reset** and press **[Enter]**.
12. In the *Save & Reset* window, select **Yes** then press **[Enter]**.

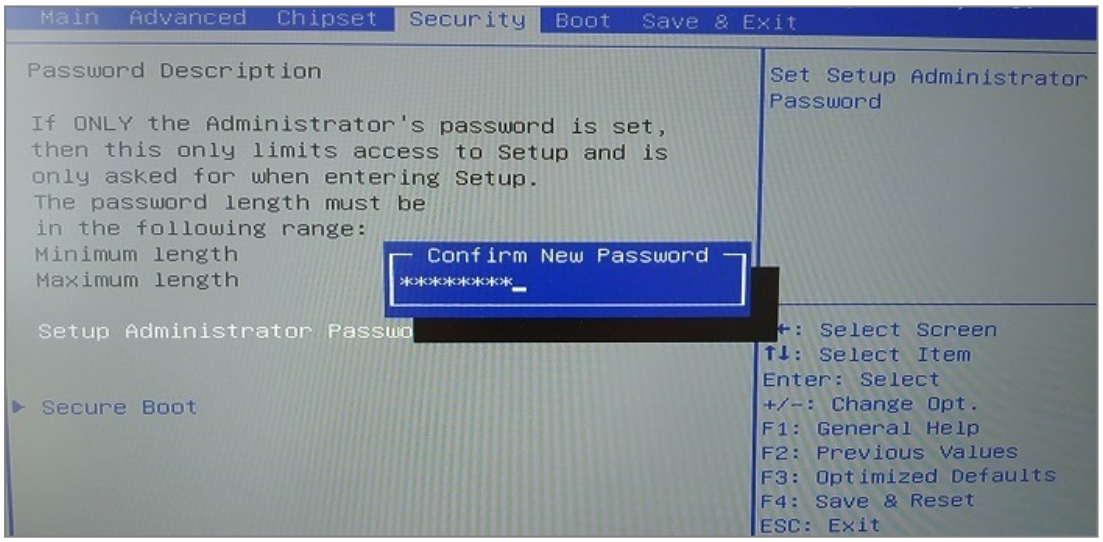


SN1100 and SN3100

Enabling password protection in the UEFI control panel

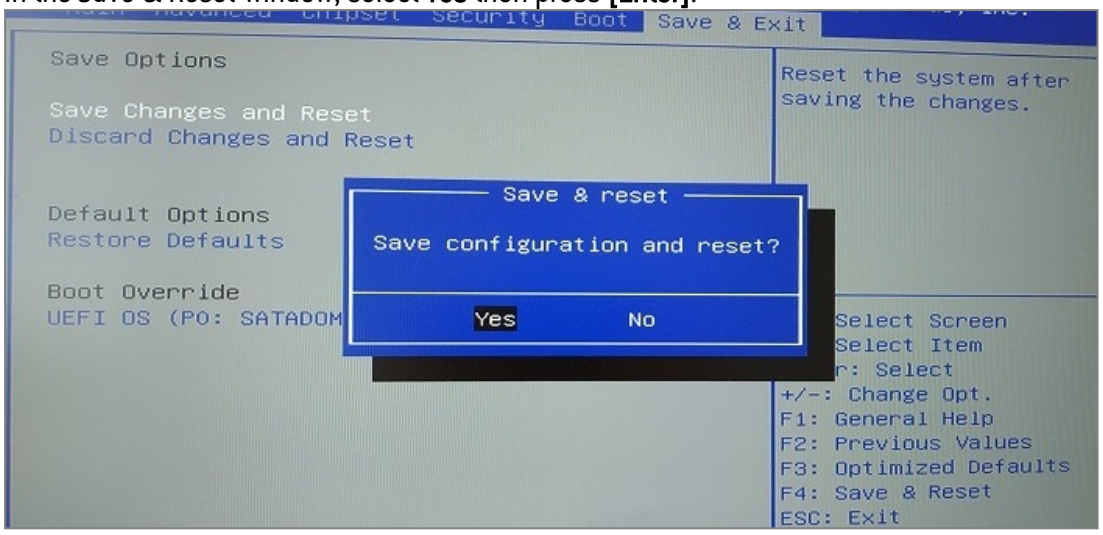
1. Connect the computer to the SNS firewall using the RJ45 to RS232 serial cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Go to the **Security** tab by using the arrow keys.
5. Select **Setup Administrator Password** and press **[Enter]**.
6. In the *Create New Password* window, enter a password of your choice and press **[Enter]**.
7. In the *Confirm New Password* window, confirm the password and press **[Enter]**.

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



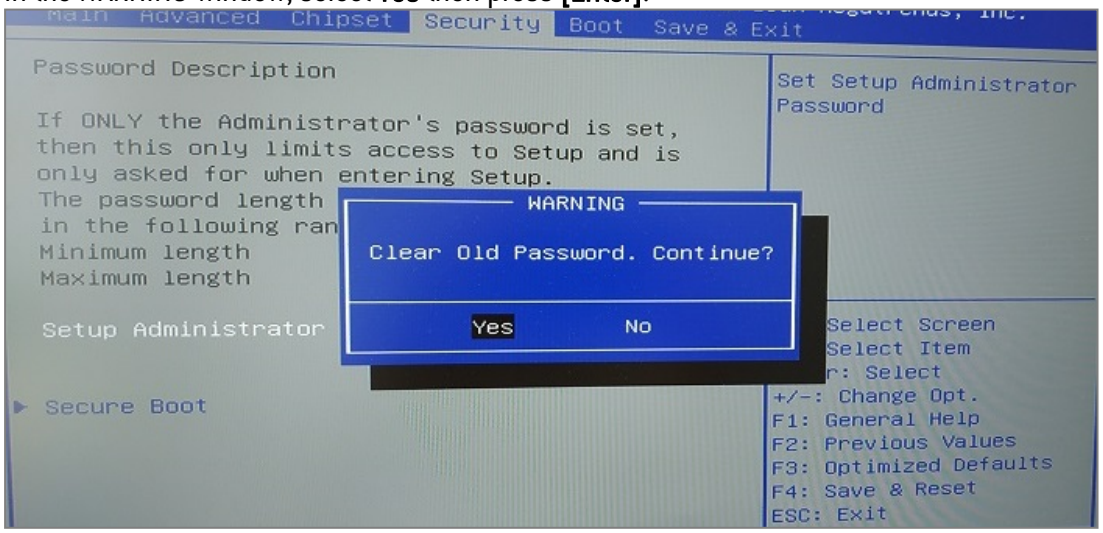
8. Press **[Esc]** and go to the **Save & Exit** tab.
9. Select **Save Changes and Reset** and press **[Enter]**.

10. In the *Save & Reset* window, select **Yes** then press **[Enter]**.



Disabling password protection in the UEFI control panel

1. Connect the computer to the SNS firewall using the RJ45 to RS232 serial cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Enter the password to access the UEFI control panel.
5. Go to the **Security** tab by using the arrow keys.
6. Select **Setup Administrator Password** and press **[Enter]**.
7. In the *Enter Current Password* window, enter the current password and press **[Enter]**.
8. In the *Create New Password* window, leave the field empty and press **[Enter]**.
9. In the *WARNING* window, select **Yes** then press **[Enter]**.



10. Press **[Esc]** and go to the **Save & Exit** tab.
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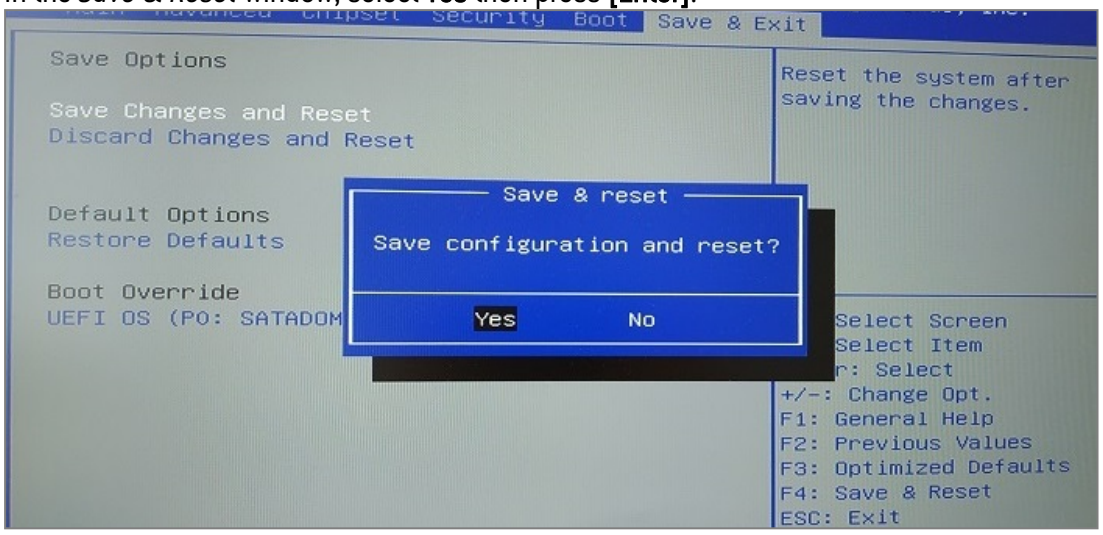
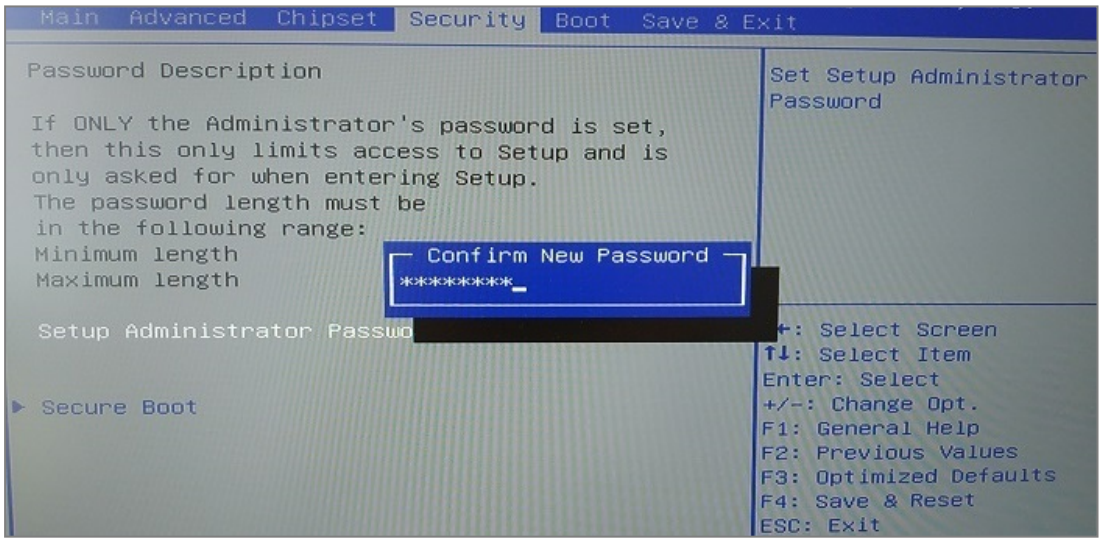


SNi20

Enabling password protection in the UEFI control panel

1. Connect the computer to the SNS firewall using the RJ45 to RS232 serial cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Go to the **Security** tab by using the arrow keys.
5. Select **Setup Administrator Password** and press **[Enter]**.
6. In the *Create New Password* window, enter a password of your choice and press **[Enter]**.
7. In the *Confirm New Password* window, confirm the password and press **[Enter]**.

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



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9. Select **Save Changes and Reset** and press **[Enter]**.

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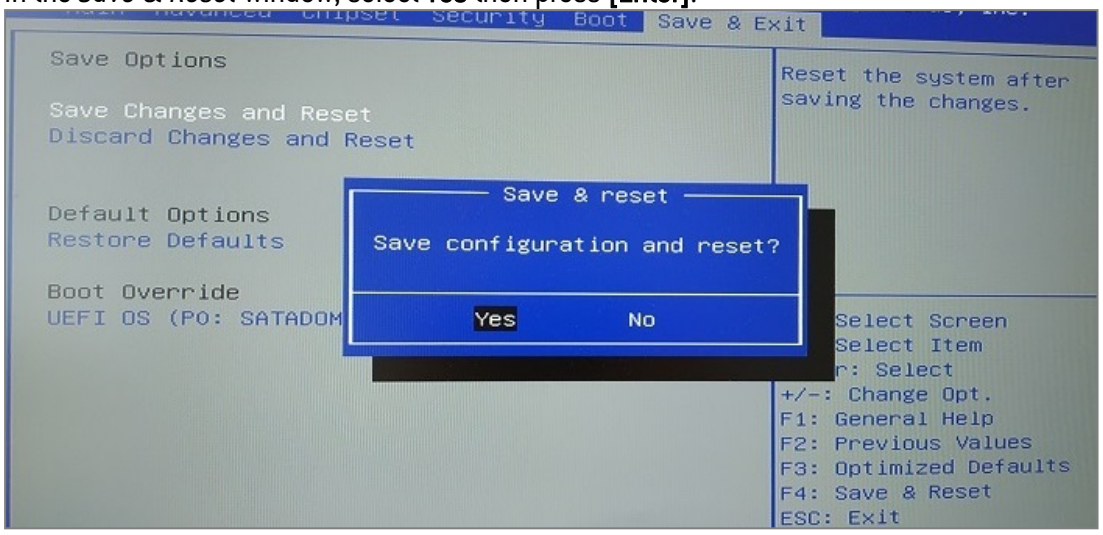

Disabling password protection in the UEFI control panel

1. Connect the computer to the SNS firewall using the RJ45 to RS232 serial cable.
2. Open the terminal emulator and enter the serial port and baud rate (115200).
3. Restart the SNS firewall and immediately press **[Del]** several times to stop the SNS firewall startup sequence.
4. Enter the password to access the UEFI control panel.
5. Go to the **Security** tab by using the arrow keys.
6. Select **Setup Administrator Password** and press **[Enter]**.
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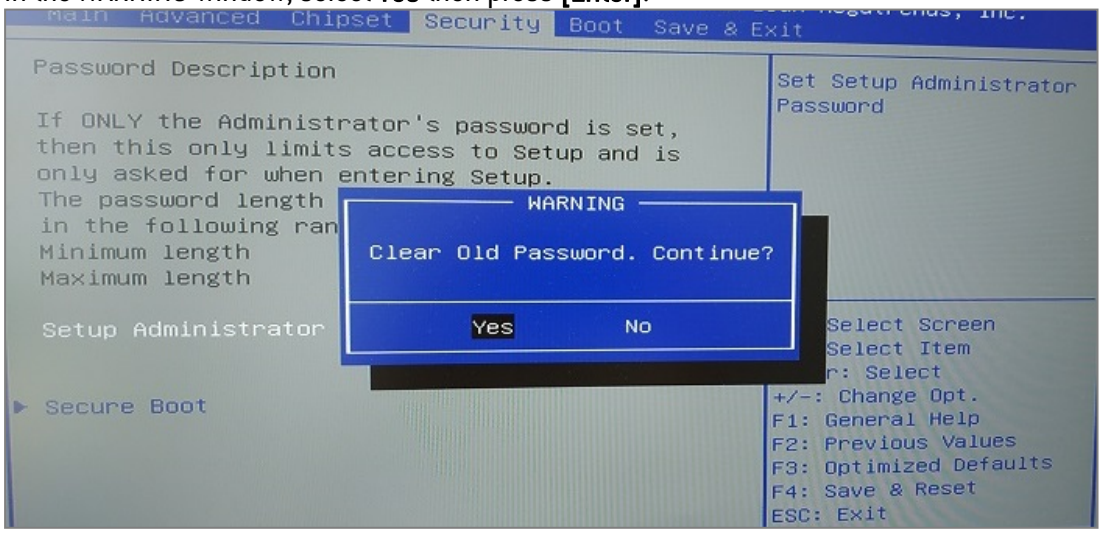
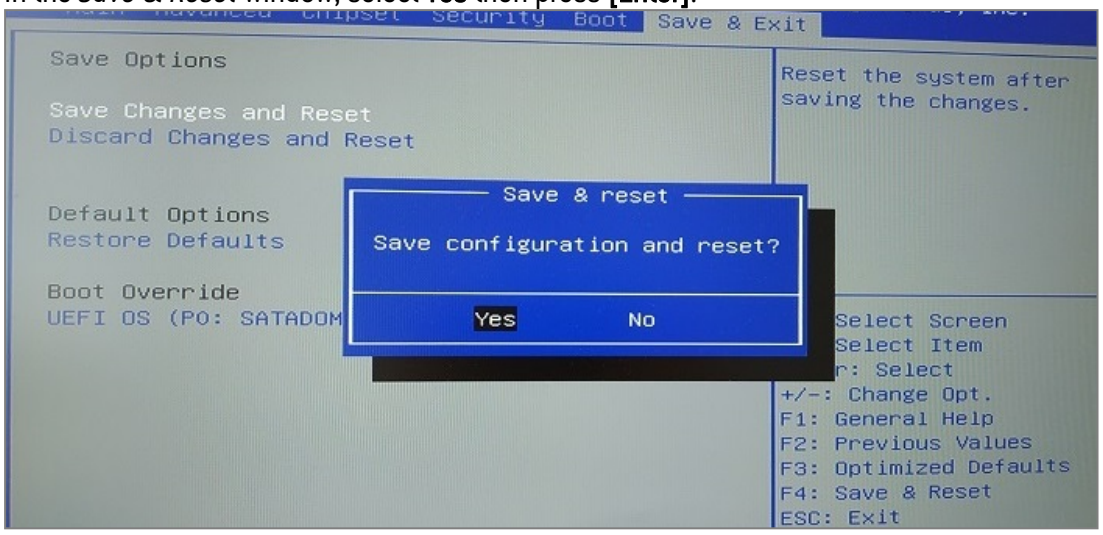


10. Press **[Esc]** and go to the **Save & Exit** tab.
11. Select **Save Changes and Reset** and press **[Enter]**.

12. In the *Save & Reset* window, select **Yes** then press **[Enter]**.



Further reading

If you have enabled password protection on the control panel of your SNS firewall's UEFI, you can proceed by enabling Secure Boot.

Managing Secure Boot in SNS firewalls' UEFI

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

documentation@stormshield.eu

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