



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

Document last updated: August 7, 2025

Reference: sns-en-UEFI protection technical note



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Change log

Date	Description
August 7, 2025	- SNxr1200 firewall model 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.

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Requirements

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

The requirements vary, depending on whether the user is connecting to the SNS firewall on a monitor or on a PC.

Required cables and connectors

Model	Connection to a PC	Connection to a monitor
SN-XS-Series-170 SN-S-Series-220 SN-S-Series-320 SN-M-Series-520 SN-M-Series-720 SN-M-Series-920 SNi10	USB-A to USB-C cable provided with the SNS firewall	N/A
SN-L-Series-2200 SN-L-Series-3200	USB-A to USB-C cable provided with the SNS firewall, or an RJ45 to RS232 serial cable provided with the SNS firewall, and if necessary, an RS232 to USB adapter on the PC side	HDMI cable
SN-XL-Series-5200 SN-XL-Series-6200	USB-A to USB-C cable provided with the SNS firewall, or an RJ45 to RS232 serial cable provided with the SNS firewall, and if necessary, an RS232 to USB adapter on the PC side	VGA cable
SN1100 SN3100	RJ45 to RS232 serial cable provided with the SNS firewall, and if necessary, an RS232 to USB adapter on the PC side	HDMI cable
SNi20	RJ45 to RS232 serial cable provided with the SNS firewall, and if necessary, an RS232 to USB adapter on the PC side	Micro HDMI cable
SNxr1200	DB9 to USB female serial cable on the PC side	DVI cable

Required equipment and software

Connection to a PC	Connection to a monitor	
An installed terminal emulator, e.g., Putty, and the PL23XX USB-to-Serial driver if the SNS firewall is connected over a USB-C port	A USB keyboard	

Proceed to the section of the technical note according to the relevant SNS firewall model. In the following procedures, only one method for connecting to the SNS firewall is used as an example. Change the beginning of the procedure if you are using the other connection method.



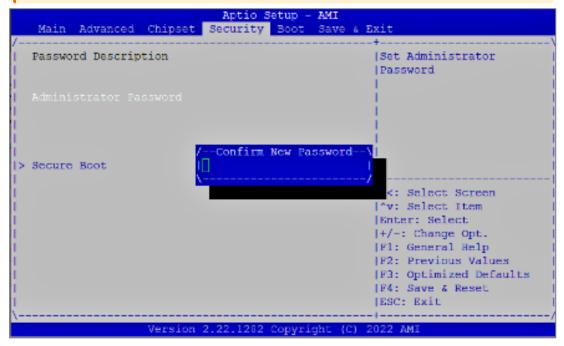


SN-XS-Series-170

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. Start or 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].

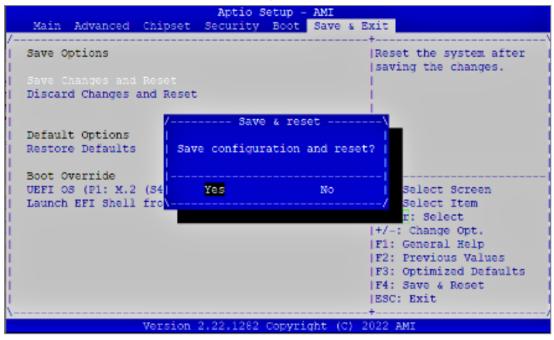
IMPORTANT



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





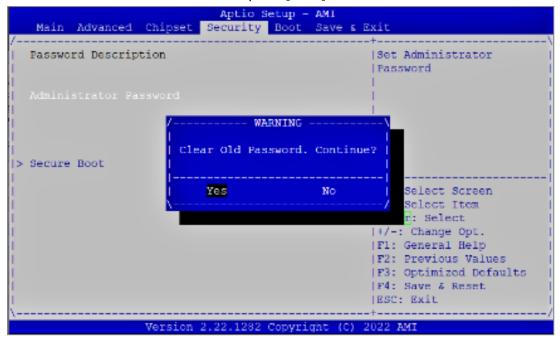


- 1. Connect the computer to the SNS firewall using the USB-A to USB-C cable.
- 2. Open the terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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 Create New Password window, leave the field empty and press [Enter].

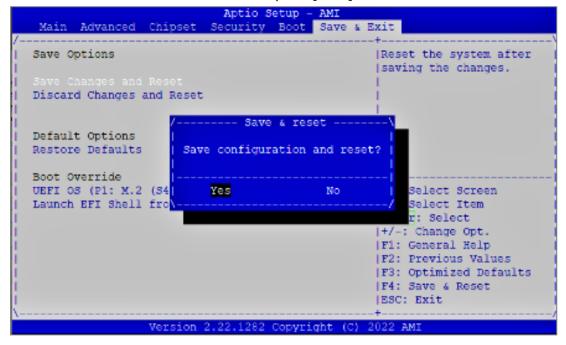




8. In the WARNING window, select Yes then press [Enter].



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





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. Start or 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].

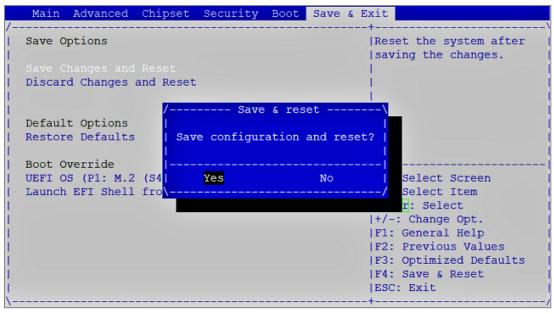
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- 8. Press [Esc] and go to the Save & Exit tab.
- Select Save Changes and Reset and press [Enter].







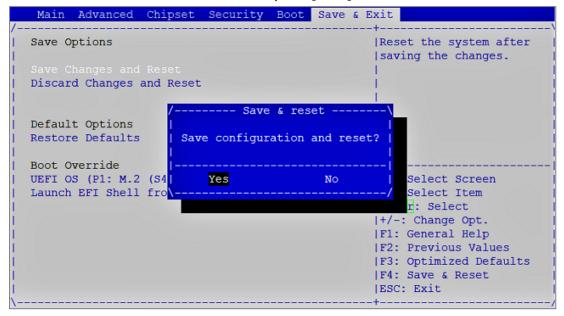
- 1. Connect a computer to the SNS firewall using a USB-A to USB-C cable.
- 2. Open the terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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].





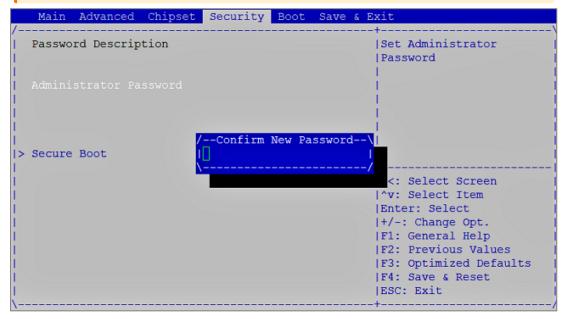


SN-M-Series-520

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. Start or 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.
- 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].

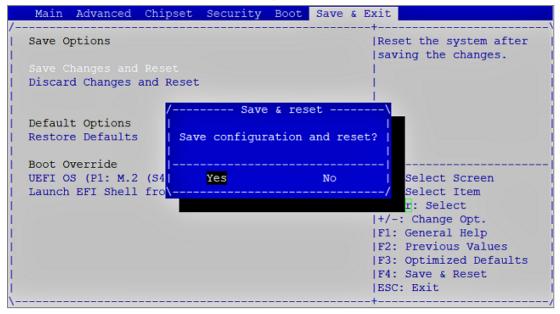
IMPORTANT



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







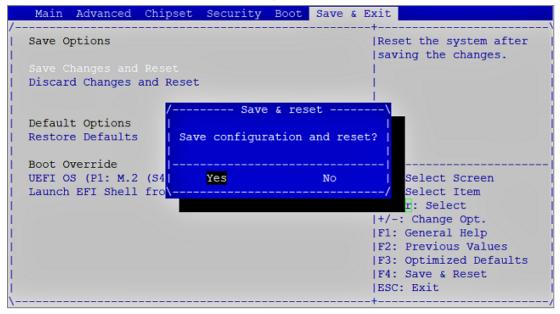
- 1. Connect a computer to the SNS firewall using a USB-A to USB-C cable.
- 2. Open a terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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. Start or 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

```
Main Advanced Chipset
                          Security Boot
                                          Save & Exit
Password Description
                                                   |Set Administrator
                                                   Password
Administrator Password
Secure Boot
                           -Confirm New Password-
                           *****
                                                     <: Select Screen
                                                   'v: Select Item
                                                   |Enter: Select
                                                   |+/-: Change Opt.
                                                   |F1: General Help
                                                   |F2: Previous Values
                                                   |F3: Optimized Defaults
                                                   |F4: Save & Exit
                                                   ESC: Exit
```

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





```
Main Advanced Chipset Security Boot Save & Exit
Save Options
                                                  |Reset the system after
Save Changes and Exit
                                                  |saving the changes.
Discard Changes and Exit
Save Changes and Reset
Discard Changes and /---- Save & reset ---
Default Options
                    | Save configuration and reset?
Restore Defaults
Boot Override
                                                       Select Screen
                          Yes
                                           No
UEFI OS (P4: M.2 (S4\-
                                                       Select Item
Launch EFI Shell from
                                                       r: Select
                                                  |+/-: Change Opt.
                                                  |F1: General Help
                                                  |F2: Previous Values
                                                  |F3: Optimized Defaults
                                                  |F4: Save & Exit
                                                  |ESC: Exit
```

- 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. Start or 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].

```
Main Advanced Chipset Security Boot Save & Exit
                                                     |Reset the system after
Save Options
Save Changes and Exit
                                                     |saving the changes.
Discard Changes and Exit
Save Changes and Reset
Discard Changes and /
                          ----- Save & reset -
Default Options
                      Save configuration and reset?
Restore Defaults
                                                         Select Screen
Boot Override
                           Yes
                                             No
UEFI OS (P4: M.2 (S4\-
                                                         Select Item
Launch EFI Shell from
                                                         r: Select
                                                    |+/-: Change Opt.
|F1: General Help
                                                     |F2: Previous Values
                                                    |F3: Optimized Defaults
                                                     |F4: Save & Exit
                                                    |ESC: Exit
```

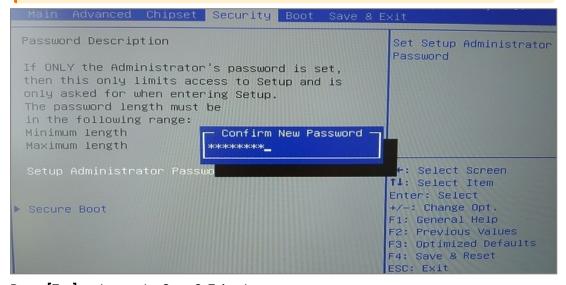


SN1100 and SN3100

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. Start or 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].

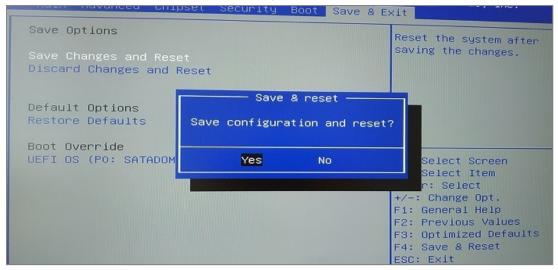
IMPORTANT



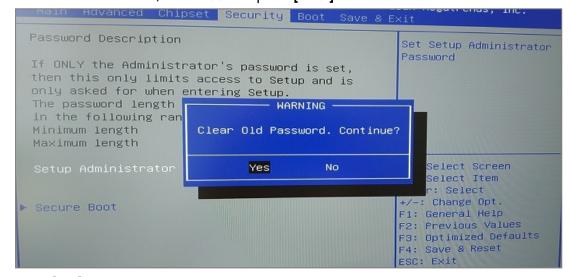
- 8. Press [Esc] and go to the Save & Exit tab.
- 9. Select Save Changes and Reset and press [Enter].







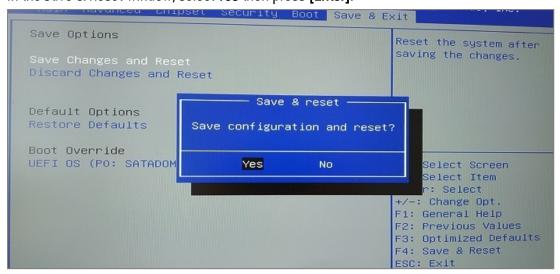
- 1. Connect the computer to the SNS firewall using the RJ45 to RS232 serial cable.
- Open the terminal emulator and enter the serial port and baud rate (115200).
- Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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.
- 11. Select Save Changes and Reset and press [Enter].









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

Enabling password protection in the UEFI control panel

- 1. Connect the computer to the SNS firewall using the USB-A to USB-C cable, or the RJ45 to DB9 serial cable (RS232).
- 2. Open the terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or 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

```
SNLS1-A
 Main Advanced Chipset Security Boot Save & Exit
                                                   |Set Administrator
Password Description
Administrator Password
                         /--Create New Password---\|
HDD Security Configurati\
P4:INTEL SSDSC2KB240GZ
                                                     <: Select Screen
P5:INTEL SSDSC2KB240GZ
                                                    |^v: Select Item
                                                    |Enter: Select
Secure Boot
                                                    +/-: Change Opt.
                                                    |F1: General Help
                                                        Previous Values
                                                    |F3: Optimized Defaults
                                                    |F4: Save & Exit
                                                    |ESC: Exit
```

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





```
Main Advanced Chipset Security Boot Save & Exit
Save Options
                                                 |Reset the system after
Save Changes and Exit
                                                 |saving the changes.
Discard Changes and Exit
Save Changes and Reset
Discard Changes and /----- Save & reset -----\
Default Options | Save configuration and reset? | Restore Defaults |
Boot Override
                                          No
                                                  | Select Screen
                         Yes
UEFI OS (PO: SRM2803\-----
                                        ----/ Select Item
Launch EFI Shell from
                                                      r: Select
                                                 |+/-: Change Opt.
                                                 |F1: General Help
                                                 |F2: Previous Values
                                                 |F3: Optimized Defaults
                                                 |F4: Save & Exit
                                                 |ESC: Exit
```

- 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. Start or 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].

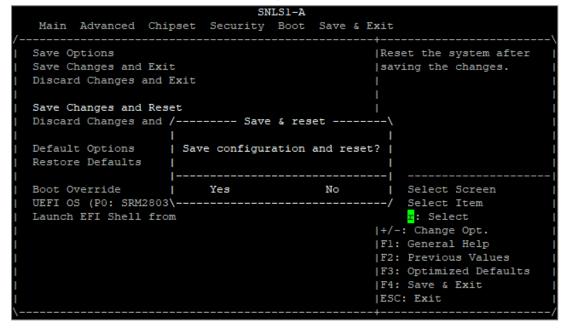




9. In the WARNING window, select Yes then press [Enter].

```
Main Advanced Chipset Security Boot Save & Exit
 Disable Block Sid
                         [Disabled]
                                                   |Set Administrator
                                                   Password
 Password Description
 Administrator Passwo/---- WARNING ----
                     | Clear Old Password. Continue?
 HDD Security Configu|
                           Yes
                                                    | Select Screen
> P0:SRM28032GPCM2BD2 \--
                                                       Select Item
> P4:INTEL SSDSC2KB240GZ
                                                       r: Select
> P5:INTEL SSDSC2KB240GZ
                                                   |+/-: Change Opt.
                                                   |F1: General Help
> Secure Boot
                                                   |F2: Previous Values
                                                   |F3: Optimized Defaults
                                                   |F4: Save & Exit
                                                   |ESC: Exit
```

- 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].



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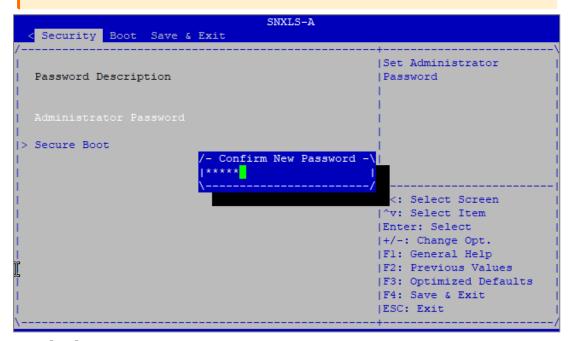


SN-XL-Series-5200 and SN-XL-Series-6200

Enabling password protection in the UEFI control panel

- 1. Connect the computer to the SNS firewall using the USB-A to USB-C cable, or the RJ45 to DB9 serial cable (RS232).
- 2. Open the terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or 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].

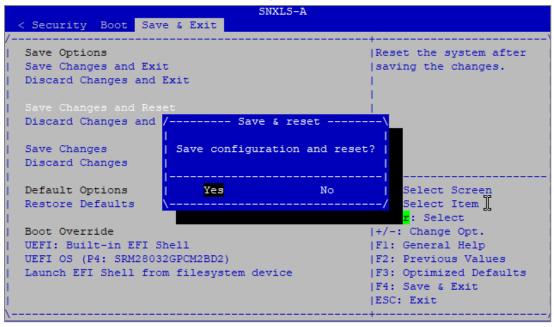
IMPORTANT



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





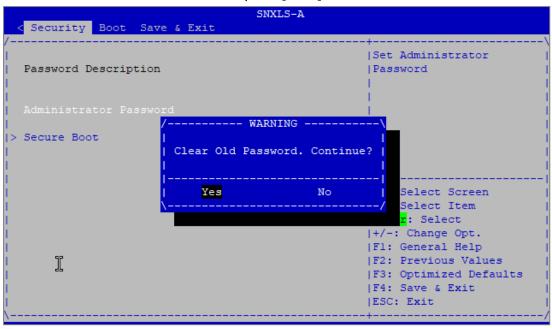


- 1. Connect the computer to the SNS firewall using the USB-A to USB-C cable.
- Open the terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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].

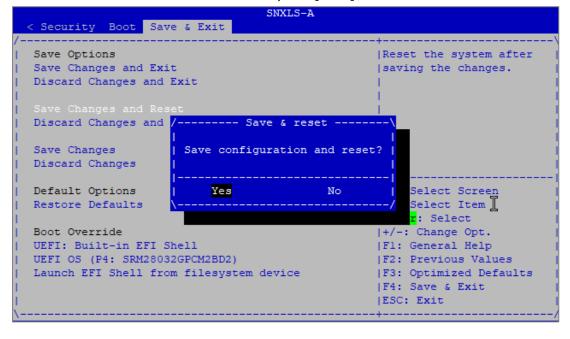




9. In the WARNING window, select Yes then press [Enter].



- 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].



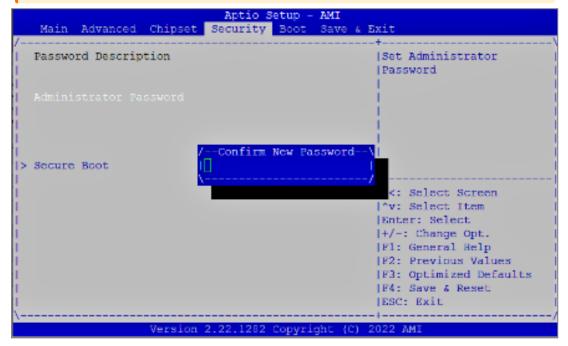


SNi₁₀

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. Start or 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].

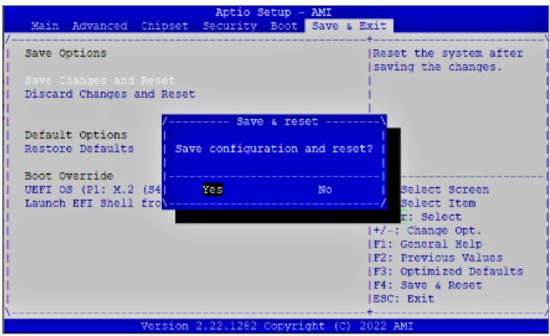
IMPORTANT



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





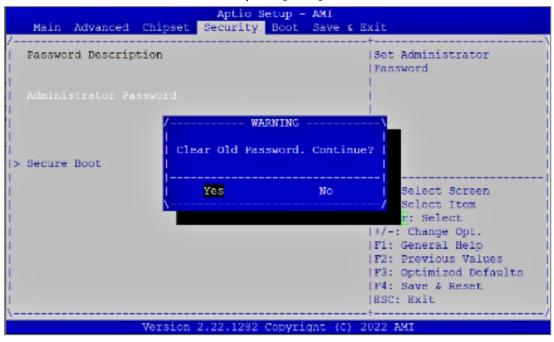


- 1. Connect the computer to the SNS firewall using the USB-A to USB-C cable.
- 2. Open the terminal emulator and enter the serial port and baud rate (115200).
- 3. Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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 Create New Password window, leave the field empty and press [Enter].

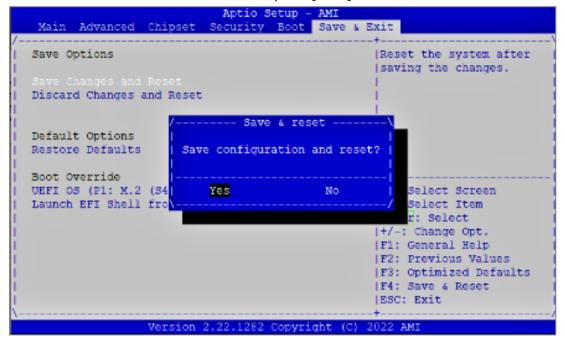




8. In the WARNING window, select Yes then press [Enter].



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



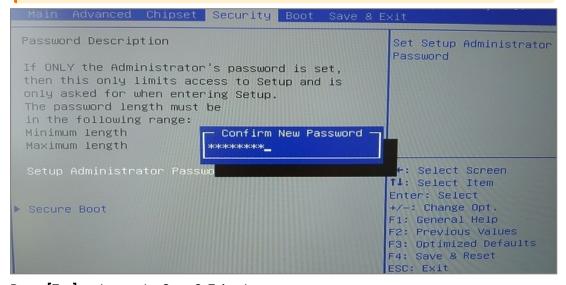


SNi₂₀

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. Start or 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].

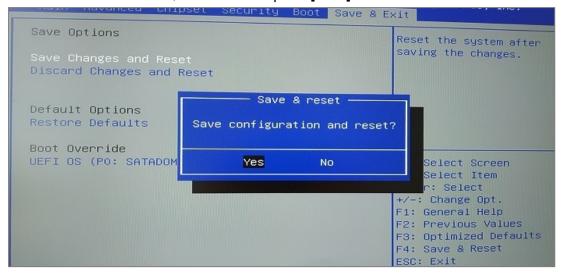
IMPORTANT



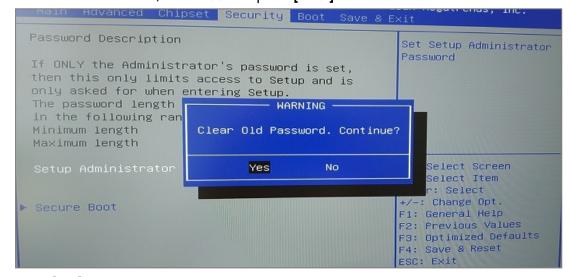
- 8. Press [Esc] and go to the Save & Exit tab.
- 9. Select Save Changes and Reset and press [Enter].







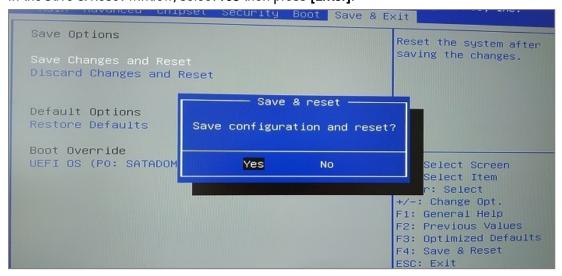
- 1. Connect the computer to the SNS firewall using the RJ45 to RS232 serial cable.
- Open the terminal emulator and enter the serial port and baud rate (115200).
- Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password 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.
- 11. Select Save Changes and Reset and press [Enter].







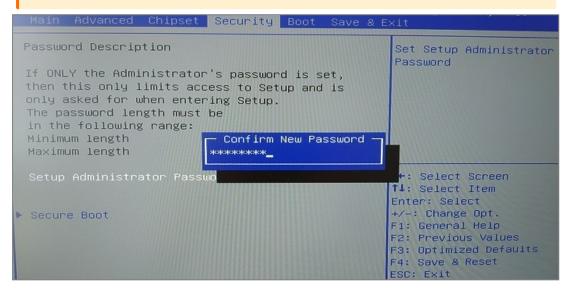


SNxr1200

Enabling password protection in the UEFI control panel

- 1. Connect the SNS firewall to a monitor using a DVI cable.
- 2. Plug a USB keyboard into the SNS firewall.
- 3. Start or 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].

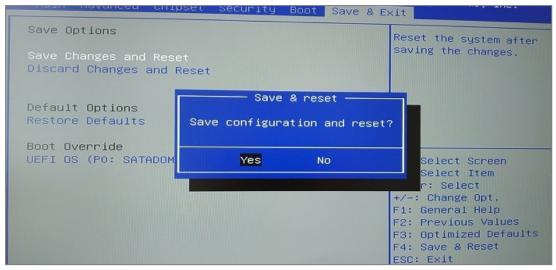
IMPORTANT



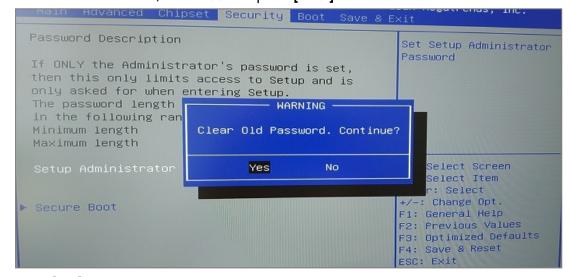
- 8. Press [Esc] and go to the Save & Exit tab.
- 9. Select Save Changes and Reset and press [Enter].







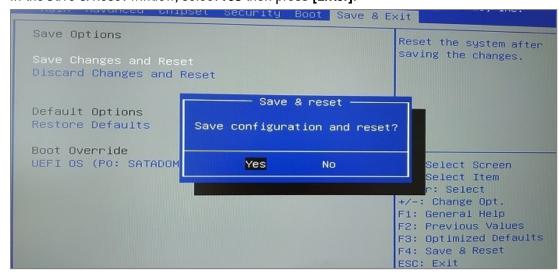
- 1. Connect the SNS firewall to a monitor using a DVI cable.
- 2. Plug a USB keyboard into the SNS firewall.
- 3. Start or restart the SNS firewall and immediately press [Del] several times to stop the SNS firewall startup sequence.
- 4. Enter the password to access the UEFI control panel.
- 5. Go to 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.
- 11. Select Save Changes and Reset and 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).





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