

STORMSHIELD



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

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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-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.

\rm IMPORTANT





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

Main Advanced	Chipset Security	Boot Save & Exit
/ Password Descrip	tion	Set Administrator Password
Administrator Pa		
> Secure Boot 	/Confirm	New Password

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





Main Advanced	Chipset Security	Boot Save & Exit
Save Options		Reset the system after
Save Changes and		Saving the changes.
Discard Changes a	and Reset	
	/ Sav	re & reset\
Default Options		
Restore Defaults	Save configu	ration and reset?
Boot Override	(CA) No.0	
USEI US (FI: M.Z	frol	No Select Screen
		n: Select
		+/-: Change Opt.
i la		F1: General Help
l i i i i i i i i i i i i i i i i i i i		F2: Previous Values
		F3: Optimized Defaults
		F4: Save & Reset
		ESC: Exit

- 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

Main Advanced	Chipset Security	Boot Save & Exit
Password Descrip	otion	Set Administrator Password
Administrator Pa	ussword	
 > Secure Boot 	/Confirm	New Password

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





Main Advanced	Chipset Security	Boot Save & Exit
Save Options		Reset the system after
Save Changes and		Saving the changes.
Discard Changes a	and Reset	
	/ Sav	re & reset\
Default Options		
Restore Defaults	Save configu	ration and reset?
Boot Override	(CA) No.0	
USEI US (FI: M.Z	frol	No Select Screen
		n: Select
		+/-: Change Opt.
i la		F1: General Help
l i i i i i i i i i i i i i i i i i i i		F2: Previous Values
		F3: Optimized Defaults
		F4: Save & Reset
		ESC: Exit

- 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].







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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

	Main	Advanced	Chipset	Security	Boot	Save	& Exit
/ 	Passwo	ord Descrip	otion				+ Set Administrator Password
i	Admini	strator Pa	ssword				
i>	Secure	Boot					
				/Confirm ********[New Pa] 	ssword	d\ /
							<: Select Screen ^v: Select Item
1							Enter: Select
ł							+/-: Change Opt. F1: General Help
1							F2: Previous Values
ł							F3: Optimized Defaults F4: Save & Exit
							ESC: Exit +

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





,	Main Advanced Ch	ipset Security 1	Boot Save & 1	Exit
í	Save Options			Reset the system after
	Save Changes and Ex	it		saving the changes.
	Discard Changes and	Exit		
				1
	Save Changes and Re	set		
	Discard Changes and	/ Save	& reset	\
				1
	Default Options	Save configura	tion and rese	t?
	Restore Defaults	1		I
	Boot Override	Yes	No	Select Screen
	UEFI OS (P4: M.2 (S	4 \		/ Select Item
	Launch EFI Shell fr	om		r: Select
				+/-: Change Opt.
				F1: General Help
				F2: Previous Values
				F3: Optimized Defaults
				F4: Save & Exit
				ESC: Exit
1				_+

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].

Main Advanced Ch	ipset Security	Boot Save &	Exit
/ Password Description	1		Set Administrator Password
 Administrator Passwo	ord		
1	/ WA	RNING	\
> Secure Boot	I		I I
1	Clear Old Pas	sword. Continu	1e?
1			
1			
	Yes	No	Select Screen
	/		/ Select Item
			r: Select
			+/-: Change Opt.
			F1: General Help
			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].

Main	Advanced	Chipset	Security	Boot	Save &	Exit
/						+\
Save C	ptions					Reset the system after
Save C	hanges and	Exit				saving the changes.
Discar	d Changes	and Exit				
1						
Save C	hanges and	Reset				
Discar	d Changes	and /	Save	& res	et	\
1		1				1
Defaul	t Options.	Sav	e configur	ation	and rese	et?
Restor	e Defaults	I				
1						
Boot C	verride	l l	Yes		NO	Select Screen
UEFI C	S (P4: M.2	(S4\				/ Select Item
Launch	EFI Shell	from				r: Select
1						+/-: Change Opt.
1						F1: General Help
1						F2: Previous Values
1						F3: Optimized Defaults
1						F4: Save & Exit
1						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. 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].

\rm 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.
- 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.
- 11. Select Save Changes and Reset and 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. 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.
- 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.
- 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.

 $eqref{P}$ 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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