STORMSHIELD

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Improper Signature Verification of Firmware Update Files

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Advisory ID	CVE Number	Date discovered	Severity	Advisory revision
STORM-2026-031	CVE-2026-111090	08/03/2026	medium	v2

Vulnerability details

A failure has been identified in the SNS during firmware files signature check.

Impacted products

Products	Severity	Detail
Stormshield Network Security	medium	SNS is impacted.

Revisions

Version	Date	Description
v1	10/16/2026	Initial release
v2	10/20/2026	Updated fixed versions

Stormshield Network Security | **CVSS v3.1 Overall Score: 6**

Analysis

A logic error in the signature verification routine resulting in acceptance of unauthenticated update and license files.

It is necessary to use only the MyStormshield servers to retrieve update files or licenses, or to use automatic verification via SNS.

Impacted version

- SNS 5.1.0 to 5.1.3
- SNS 5.0.0 to 5.0.9
- SNS 4.8.0 to 4.8.19
- SNS 4.3.0 to 4.3.44

Workaround solution

If applicable, verify the SHA-256 hash of each update file. The reference hashes are available in the MyStormshield portal, as shown in the screenshot below.



Solution

The following updates will fix this vulnerability:

- SNS 5.1.4 EA
- SNS 5.0.10
- SNS 4.8.20 LTSB
- SNS 4.3.45 QS

Attack Vector	Attack Complexity	Privileges Required	User Interaction	Scope	Confidentiality Impact	Integrity Impact	Availability impact
Local	Low	None	Required	Unchanged	High	High	High

CVSS Base score: 7.8 CVSS Vector: (AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H)

Exploit Code Maturity	Remediation Level	Report Confidence
Proof of concept code	Official fix	Confirmed

CVSS Temporal score: 7 CVSS Vector: (AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:P/RL:O/RC:C)

Attack Vector (MAV)	Attack Complexity (MAC)	Privileges Required (MPR)	User Interaction (MUI)	Scope (MS)
Local	Low	High	None	Unchanged

Confidentiality Impact (MC)	Integrity Impact (MI)	Availability Impact (MA)
High	High	High

Confidentiality Requirement (CR)	Integrity Requirement (IR)	Availability Requirement (AR)
High	High	High

CVSS Environmental score: 6 CVSS Vector: (AV:L/AC:L/PR:N/UI:R/S:U/C:H/I:H/A:H/E:P/RL:O/RC:C/CR:H/IR:H/AR:H/MAV:L/MAC:L/MPR:H/MUI:N/MS:U/MC:H/MI:H/MA:H)

RSS Feed

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