



OpenSC: Stack-buffer-overflow WRITE in GET RESPONSE

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

Summary

CVE	CVE-2025-49010
State	PUBLISHED
Assigner	GitHub_M
Source Priority	CVE Program / NVD first with legacy fallback
Published	2026-03-30 18:16:16 UTC
Updated	2026-04-01 18:01:59 UTC
Description	OpenSC is an open source smart card tools and middleware. Prior to version 0.27.0, an attacker with physical access to the

Risk And Classification

Primary CVSS: v3.1 6.8 MEDIUM from nvd@nist.gov

CVSS: 3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

EPSS: 0.000180000 probability, percentile 0.047060000 (date 2026-04-02)

Problem Types: CWE-121 | CWE-121 CWE-121: Stack-based Buffer Overflow

Version	Source	Type	Score	Severity	Vector
3.1	nvd@nist.gov	Primary	6.8	MEDIUM	CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	security-advisories@github.com	Secondary	3.8	LOW	CVSS:3.1/AV:P/AC:H/PR:N/UI:R/S:U/C:L/I:L/A:L
3.1	CNA	DECLARED	3.8	LOW	CVSS:3.1/AV:P/AC:H/PR:N/UI:R/S:U/C:L/I:L/A:L

CVSS v3.1 Breakdown

Attack Vector

Physical

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

High

CVSS:3.1/AV:P/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Opensc Project	Opensc	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OpenSC	OpenSC	affected < 0.27.0	Not specified

References

Reference	Source	Link	Tags
github.com/OpenSC/OpenSC/security/advisories/GHSA-q5cf-5wmx-9wh4	security-advisories@github.com	github.com	Vendor Advisory
github.com/OpenSC/OpenSC/wiki/CVE-2025-49010	security-advisories@github.com	github.com	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, anal

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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