Out-of-bounds read in HTTP client no_proxy handling

MITRE | NVD | CVE.ORG | JSON API | Print: PDF

Summary

CVE	CVE-2025-9232
State	PUBLISHED
Assigner	openssl
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-30 14:15:41 UTC
Updated	2026-05-12 13:17:30 UTC
Description	Issue summary: An application using the OpenSSL HTTP client API functions may trigger an out-of-bounds read if the 'no_

Risk And Classification

Primary CVSS: v3.1 5.9 MEDIUM from ADP

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

EPSS: 0.000390000 probability, percentile 0.117310000 (date 2026-05-12)

Problem Types: CWE-125 | CWE-125 CWE-125 Out-of-bounds Read

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.9	MEDIUM	CVSS:3.1/AV:N/AC:H/PR:N/UI:N/S:U/C:N/I:N/A:H

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

Integrity

None

None

Availability

High

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	OpenSSL	OpenSSL	affected 3.5.0 3.5.4 semver	Not specified
CNA	OpenSSL	OpenSSL	affected 3.4.0 3.4.3 semver	Not specified
CNA	OpenSSL	OpenSSL	affected 3.3.3 3.3.5 semver	Not specified
CNA	OpenSSL	OpenSSL	affected 3.2.4 3.2.6 semver	Not specified
CNA	OpenSSL	OpenSSL	affected 3.0.16 3.0.18 semver	Not specified
ADP	Siemens	RUGGEDCOM RST2428P	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XC-300/XR-300/XC-400/XR-500WG/XR-500 Family	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XCH328	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XCM324	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XCM328	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XCM332	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRH334 24 V DC 8xFO CC	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 230 V AC 12xFO	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 230 V AC 8xFO	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 230V AC 2x10G 24xSFP 8xSFP	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 24 V DC 12xFO	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 24 V DC 8xFO	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 24V DC 2x10G 24xSFP 8xSFP	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 2x230 V AC 12xFO	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 2x230 V AC 8xFO	affected V3.3 custom	Not specified
ADP	Siemens	SCALANCE XRM334 2x230V AC 2x10G 24xSFP 8xSFP	affected V3.3 custom	Not specified
ADP	Siemens	SIDIS Prime	affected V4.0.800 custom	Not specified
ADP	Siemens	SIMATIC CN 4100	affected V5.0 custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIMATIC S7-1500 CPU 1518F-4 PN/DP MFP	affected V3.1.5 * custom	Not specified
ADP	Siemens	SIPLUS S7-1500 CPU 1518-4 PN/DP MFP	affected V3.1.5 * custom	Not specified

References

Reference	Source	Link
cert-portal.siemens.com/productcert/html/ssa-089022.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-por
cert-portal.siemens.com/productcert/html/ssa-082556.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-por
github.com/openssl/openssl/commit/7cf21a30513c9e43c4bc3836c237cf086e194af3	openssl-security@openssl.org	github.c
openssl-library.org/news/secadv/20250930.txt	openssl-security@openssl.org	openssl
www.openwall.com/lists/oss-security/2025/09/30/5	af854a3a-2127-422b-91ae-364da2661108	www.op
cert-portal.siemens.com/productcert/html/ssa-032379.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-por
github.com/openssl/openssl/commit/bbf38c034cdabd0a13330abcc4855c866f53d2e0	openssl-security@openssl.org	github.c
github.com/openssl/openssl/commit/654dc11d23468a74fc8ea4672b702dd3feb7be4b	openssl-security@openssl.org	github.c
github.com/openssl/openssl/commit/2b4ec20e47959170422922eaff25346d362dcb35	openssl-security@openssl.org	github.c
cert-portal.siemens.com/productcert/html/ssa-485750.html	0b142b55-0307-4c5a-b3c9-f314f3fb7c5e	cert-por
github.com/openssl/openssl/commit/89e790ac431125a4849992858490bed6b225eadf	openssl-security@openssl.org	github.c
CVE Program record	CVE.ORG	www.cv
NVD vulnerability detail	NVD	nvd.nist

Vendor Comments And Credit

Discovery Credit

CNA: Stanislav Fort (Aisle Research) (en)

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