



CVE-2025-59375

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

Summary

CVE	CVE-2025-59375
State	PUBLISHED
Assigner	mitre
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-09-15 03:15:40 UTC
Updated	2026-05-12 13:17:22 UTC
Description	libxpat in Expat before 2.7.2 allows attackers to trigger large dynamic memory allocations via a small document that is sub

Risk And Classification

Primary CVSS: v3.1 7.5 HIGH from cve@mitre.org

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

EPSS: 0.000490000 probability, percentile 0.152450000 (date 2026-05-12)

Problem Types: CWE-770 | CWE-770 CWE-770 Allocation of Resources Without Limits or Throttling

Version	Source	Type	Score	Severity	Vector
3.1	cve@mitre.org	Secondary	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H
3.1	CNA	DECLARED	7.5	HIGH	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:N/I:N/A:H/E:H/RL:T/RC:C

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

None

ntegrity

None

Availability

High

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

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Libexpat Project	Libexpat	affected 2.7.2 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	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
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issues.oss-fuzz.com/issues/439133977	cve@mitre.org	issues.oss-fu
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CVE Program record	CVE.ORG	www.cve.org
NVD vulnerability detail	NVD	nvd.nist.gov

No vendor comments have been submitted for this CVE.

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

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