



Large branch table could lead to truncated instruction

MITRE

NVD

CVE.ORG

JSON API

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Summary	
CVE	CVE-2025-8028
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-07-22 21:15:49 UTC
Updated	2026-04-13 15:17:08 UTC
Description	On arm64, a WASM `br_table` instruction with a lot of entries could lead to the label being too far from the instruction causi

Risk And Classification					
Primary CVSS: v3.1 9.8 CRITICAL from ADP					
CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H					
Problem Types: CWE-1332 CWE-1332 CWE-1332 Improper Handling of Faults that Lead to Instruction Skips					
Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.8	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H

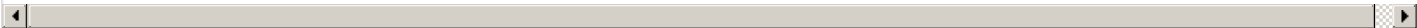
CVSS v3.1 Breakdown	
Attack Vector	Network
Attack Complexity	Low
Privileges Required	None
User Interaction	None
Scope	Unchanged
Confidentiality	High
Integrity	High

High

Availability

High

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



NVD Known Affected Configurations (CPE 2.3)

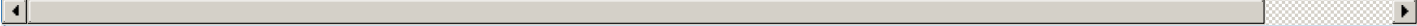
Type	Vendor	Product	Version	Update	Edition	Language
Application	Mozilla	Firefox	All	All	All	All
Application	Mozilla	Firefox	All	All	All	All

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Firefox	unaffected 115.26 115.* rpm	Not specified
CNA	Mozilla	Firefox	unaffected 128.13 128.* rpm	Not specified
CNA	Mozilla	Firefox	unaffected 140.1 140.* rpm	Not specified
CNA	Mozilla	Firefox	unaffected 141 * rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 128.13 128.* rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 140.1 140.* rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 141 * rpm	Not specified

References

Reference	Source	Link	Tags
www.mozilla.org/security/advisories/mfsa2025-59	security@mozilla.org	www.mozilla.org	Vendor Ad
www.mozilla.org/security/advisories/mfsa2025-58	security@mozilla.org	www.mozilla.org	Vendor Ad
www.mozilla.org/security/advisories/mfsa2025-56	security@mozilla.org	www.mozilla.org	Vendor Ad
www.mozilla.org/security/advisories/mfsa2025-57	security@mozilla.org	www.mozilla.org	Vendor Ad
bugzilla.mozilla.org/show_bug.cgi	security@mozilla.org	bugzilla.mozilla.org	Permissior
www.mozilla.org/security/advisories/mfsa2025-62	security@mozilla.org	www.mozilla.org	Vendor Ad
www.mozilla.org/security/advisories/mfsa2025-63	security@mozilla.org	www.mozilla.org	Vendor Ad
www.mozilla.org/security/advisories/mfsa2025-61	security@mozilla.org	www.mozilla.org	Vendor Ad
lists.debian.org/debian-lts-announce/2025/07/msg00016.html	af854a3a-2127-422b-91ae-364da2661108	lists.debian.org	
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical,



Vendor Comments And Credit

Discovery Credit

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

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