



# Mitigation bypass in the Web Compatibility: Tooling component

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

## Summary

<b>CVE</b>	CVE-2025-10531
<b>State</b>	PUBLISHED
<b>Assigner</b>	mozilla
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2025-09-16 13:15:46 UTC
<b>Updated</b>	2026-04-13 15:16:36 UTC
<b>Description</b>	Mitigation bypass in the Web Compatibility: Tooling component. This vulnerability was fixed in Firefox 143 and Thunderbird

## Risk And Classification

**Primary CVSS:** v3.1 5.4 MEDIUM from ADP

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

**EPSS:** 0.000300000 probability, percentile 0.085440000 (date 2026-04-15)

**Problem Types:** CWE-288 | CWE-288 CWE-288 Authentication Bypass Using an Alternate Path or Channel

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	5.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:N
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	5.4	MEDIUM	CVSS:3.1/AV:N/AC:L/PR:N/UI:R/S:U/C:L/I:L/A:N

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

Required

Scope

Unchanged

Confidentiality

Low

Integrity

Low

Availability

None

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

### NVD Known Affected Configurations (CPE 2.3)

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Firefox	unaffected 143 * rpm	Not specified
CNA	Mozilla	Thunderbird	unaffected 143 * rpm	Not specified

### References

Reference	Source	Link	Tags
bugzilla.mozilla.org/show_bug.cgi	security@mozilla.org	bugzilla.mozilla.org	Permissions Required
www.mozilla.org/security/advisories/mfsa2025-77	security@mozilla.org	www.mozilla.org	Vendor Advisory
www.mozilla.org/security/advisories/mfsa2025-73	security@mozilla.org	www.mozilla.org	Vendor Advisory
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

### Vendor Comments And Credit

#### Discovery Credit

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

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