Scanning a malicious URL utilizing Firefox's open-text scheme with the QR code scanner could load arbitrary websites

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

Summary

CVE	CVE-2025-54145
State	PUBLISHED
Assigner	mozilla
Source Priority	CVE Program / NVD first with legacy fallback
Published	2025-08-19 21:15:27 UTC
Updated	2026-04-13 15:17:02 UTC
Description	The QR scanner could allow arbitrary websites to be opened if a user was tricked into scanning a malicious link that leverag

Risk And Classification

Primary CVSS: v3.1 9.1 CRITICAL from ADP

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

EPSS: 0.000460000 probability, percentile 0.139760000 (date 2026-04-15)

Problem Types: CWE-601 | CWE-601 CWE-601 URL Redirection to Untrusted Site ('Open Redirect')

Version	Source	Type	Score	Severity	Vector
3.1	ADP	DECLARED	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N
3.1	134c704f-9b21-4f2e-91b3-4a467353bcc0	Secondary	9.1	CRITICAL	CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:N

CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

Low

Privileges Required

None

User Interaction

None

Scope

Unchanged

Confidentiality

High

Integrity

High

Availability

None

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

NVD Known Affected Configurations (CPE 2.3)

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

Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Mozilla	Firefox For IOS	unaffected 141 * rpm	Not specified

References

Reference	Source	Link	Tags
www.mozilla.org/security/advisories/mfsa2025-60	security@mozilla.org	www.mozilla.org	Vendor Advisory
bugzilla.mozilla.org/show_bug.cgi	security@mozilla.org	bugzilla.mozilla.org	Issue Tracking, Permissions Required
CVE Program record	CVE.ORG	www.cve.org	canonical
NVD vulnerability detail	NVD	nvd.nist.gov	canonical, analysis

Vendor Comments And Credit

Discovery Credit

CNA: James Lee (en)

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