



# Zen Browser MAR updater ships with signature verification removed — unsigned updates accepted

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

## Summary

<b>CVE</b>	CVE-2026-41431
<b>State</b>	PUBLISHED
<b>Assigner</b>	GitHub_M
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2026-05-11 18:16:34 UTC
<b>Updated</b>	2026-05-11 19:16:22 UTC
<b>Description</b>	Zen is a firefox-based browser. Prior to 1.19.9b, Zen Browser ships a Mozilla Application Resource (MAR) updater (org.mo:

## Risk And Classification

**Primary CVSS:** v3.1 8 HIGH from security-advisories@github.com

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

**EPSS:** 0.000360000 probability, percentile 0.106380000 (date 2026-05-12)

**Problem Types:** CWE-347 | CWE-347 CWE-347: Improper Verification of Cryptographic Signature

Version	Source	Type	Score	Severity	Vector
3.1	security-advisories@github.com	Secondary	8	HIGH	CVSS:3.1/AV:N/AC:H/PR:H/UI:N/S:C/C:H/I:H/A:H
3.1	CNA	DECLARED	8	HIGH	CVSS:3.1/AV:N/AC:H/PR:H/UI:N/S:C/C:H/I:H/A:H

## CVSS v3.1 Breakdown

Attack Vector

Network

Attack Complexity

High

Privileges Required

High

User Interaction

None

Scope

Changed

Confidentiality

High

Integrity

High

Availability

High

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

### Vendor Declared Affected Products

Source	Vendor	Product	Version	Platforms
CNA	Zen-browser	Desktop	affected < 1.19.9b	Not specified

### References

Reference	Source	Link
github.com/zen-browser/desktop/commit/270db6d6713d2c6c14d9df0b4bc7662843...	security-advisories@github.com	github.com
github.com/zen-browser/desktop/security/advisories/GHSA-qpj9-m8jc-mw6q	134c704f-9b21-4f2e-91b3-4a467353bcc0	github.com
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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