مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Security Updates- Node.js

Tracking #:432319165

Date:19-06-2026

TLP: WHITE

EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Node.js has released security updates addressing 12 vulnerabilities affecting all currently supported release lines.

TECHNICAL DETAILS:

Node.js has released security updates addressing 12 vulnerabilities affecting all currently supported release lines (22.x, 24.x, and 26.x). The vulnerabilities include two High-severity flaws, multiple Medium-severity vulnerabilities, and several Low-severity permission model weaknesses.

Vulnerability Details

- CVE-2026-48933 (High): WebCrypto AES integer overflow.
- CVE-2026-48618 (High): Unicode dot separator handling in TLS hostname verification.
- CVE-2026-48615 (Medium): Proxy credentials exposed in ERR_PROXY_TUNNEL error messages.
- CVE-2026-48619 (Medium): Unbounded memory growth in HTTP/2 clients via ORIGIN frames.
- CVE-2026-48937 (Medium): Improper HTTP/2 session cleanup after GOAWAY.
- CVE-2026-48928 (Medium): Uppercase SNI context matching in mutual TLS.
- CVE-2026-48930 (Medium): Embedded NULL hostname handling in resolver bindings.
- CVE-2026-48934 (Medium): TLS host identity verification during session reuse.
- CVE-2026-48617 (Low): Permission Model bypass via process.report.writeReport().
- CVE-2026-48935 (Low): Permission Model bypass via FileHandle.utimes().
- CVE-2026-48936 (Low): Unix domain socket network permission bypass.
- CVE-2026-48931 (Low): HTTP response queue poisoning race condition.

Affected Release Lines:

- Node.js 22.x
- Node.js 24.x
- Node.js 26.x

Patched Versions:

- Node.js v22.23.0
- Node.js v24.17.0
- Node.js v26.3.1

RECOMMENDATIONS:

Immediate Actions:

- Upgrade all Node.js deployments to fixed versions.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

REFERENCES:

- https://nodejs.org/en/blog/vulnerability/june-2026-security-releases