



مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Security Updates- React and Next.js

Tracking #:432318921

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple high-severity vulnerabilities have been disclosed in the React Server Components ecosystem and the Next.js framework, impacting authentication controls, middleware enforcement, server-side request handling, cache mechanisms, and cross-site scripting protections.

TECHNICAL DETAILS:

Multiple high-severity vulnerabilities have been disclosed in the React Server Components ecosystem and the Next.js framework, impacting authentication controls, middleware enforcement, server-side request handling, cache mechanisms, and cross-site scripting protections.

High Severity Vulnerability Details:

- CVE-2026-44574: Middleware / Proxy bypass via dynamic route parameter injection
- CVE-2026-44578: SSRF in applications using WebSocket upgrades
- CVE-2026-44581: XSS in App Router applications using CSP nonces
- CVE-2026-23870: Denial of Service with Server Components
- CVE-2026-44575: Middleware / Proxy bypass in App Router applications via segment-prefetch routes
- CVE-2026-44579: Denial of Service via connection exhaustion in applications using Cache Components

Fixed Versions:

Standard Users Upgrade to:

- 15.5.16
- 16.2.5

Turbopack Users Upgrade to:

- 15.5.18
- 16.2.6

RECOMMENDATIONS:

- Upgrade Next.js immediately to the latest patched version.
- Turbopack users should prioritize upgrading to 15.5.18 or 16.2.6.
- Update all React Server Component packages.

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://github.com/vercel/next.js/releases/tag/v15.5.18>
- <https://github.com/vercel/next.js/releases/tag/v15.5.16>