13 Januari 2026

Advaes namba 114: Kritikol vulnerabiliti long saed blong *remote code execution* (RCE)

Deit we hemi rilis: 03 Disemba 2025
Impak: HAE / KRITIKOL
TLP: KLIA

Dipatmen blong Komunikesen mo Dijitol Transfomesen (DKDT) tru long CERT Vanuatu (CERTVU), i givimaot advaeseri ia.

Woning ia hem i blong olgeta Oganaesesen mo Sistem/Netwok Administreta we oli yusum prodak ia. Woning ia oli mekem blong olgeta teknikol yusa mo sistem administreta oli andastanem.

Wanem ia?

- CVE-2025-55182 (oli singaotem tu se "React2Shell") hem i wan kritikol *remote-code-execution* (RCE) vulnerabiliti insaed long *React Server Components* (RSC).
- Vulnerabiliti ia i kam long diserialaesesen we i no sef blong ol inkaming HTTP rikwes *payload* insaed long "Flight" protokol handling RSC — ol *payload* we oli no fom gud o rabis oli save kosem *arbitrary code execution* long seva.

Hemia i afektem wanem Sistem?

• ol *React Server Components* — ol spesifik pakej *react-server-dom-webpack*, *react-server-dom-parcel*, mo *react-server-dom-turbopack*, long ol vesen 19.0.0, 19.1.0, 19.1.1, 19.2.0.

• Ol fremwok mo tul we oli bildim antap long React RSC, inkludum Next.js (ol vesen 15.x mo 16.x wetem *App Router*), mo ol narafala *RSC-enabled bundlers/plugins* (olsem eksampol, *Vite RSC plugin, Parcel RSC plugin, RedwoodSDK, Waku, React Router RSC mode*).

Hemia i minim wanem?

Olsem wanem ol ataka oli eksploitem vulnerabiliti ia (atak vekta)

- Wan ataka we oli no otoraesem i sendem wan spesifik HTTP rikwes we hem i mekem i go long wan *RSC "Server Function" endpoint*.
- From se seva i no handelem gud rikwes data, *payload* we ataka i kontrolem i kosem seva-saed eksekusen blong *arbitrary JavaScript code* — we i minim se ful *remote code execution* anda long ol privilej blong seva.

Proses blong Katem Daon Risk

CERTVU i rikomendem se:

Aplaem paj kwiktaem.

Apdeitem ol *React Server Components* pakej i go long ol fiks vesen: react-server-dom- → vesen **19.0.1**, **19.1.2**, o **19.2.1**.

Refrens

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1. https://www.cyber.gov.au/about-us/view-all-content/alerts-and-advisories/critical-vulnerability-in-react-server-components-cve-2025-55182
2. https://www.cve.org/CVERecord?id=CVE-2025-55182