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Submit #785832: assafelovic gpt-researcher 3.4.3 Reflected Cross-Site Scripting (XSS)

Title assafelovic gpt-researcher 3.4.3 Reflected Cross-Site Scripting (XSS)

Description GPT Researcher v3.4.3 and earlier versions are vulnerable to Reflected Cross-Site Scripting (XSS) via the research task name. When a user submits a research query containing HTML/JavaScript through the WebSocket interface, the backend includes the unsanitized task name in multiple WebSocket logs response messages. The lightweight frontend renders these log messages using innerHTML without any sanitization, causing the injected script to execute in the user's browser. No authentication is required to trigger this vulnerability.

Source <https://github.com/assafelovic/gpt-researcher/issues/1692>

User Yu_Bao (UID 89348)

Submission 03/23/2026 02:12 AM (14 days ago)

Moderation 04/05/2026 06:56 PM (14 days later)

Status Accepted

VulDB entry 385415 [assafelovic gpt-researcher up to 3.4.3 WebSocket interface researcher.py task cross site scripting]

Points 20

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