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Submit #774929: Tenda F453 v1.0.0.3 Stack-based Buffer Overflow

Title Tenda F453 v1.0.0.3 Stack-based Buffer Overflow

Description A vulnerability was found in Tenda F453 v1.0.0.3. Affected by this vulnerability is the function fromSafeClientFilter of the file /goform/SafeClientFilter of the component httpd. The manipulation of the argument manufacturer and Go with an unknown input leads to a buffer overflow vulnerability. In fromSafeClientFilter function, it reads in a user-provided parameter manufacturer and Go. If the value of manufacturer is tenda, the variable p_s will be passed to the strcat function without any length check, which may overflow the stack-based buffer s. As a result, by requesting the page, an attacker can easily execute a denial of service attack or remote code execution.

Source https://github.com/Litengzheng/vul_db/blob/main/F453/vul_86/README.md

User LtzHust (UID 95660)

Submission 03/08/2026 03:38 AM (1 month ago)

Moderation 03/21/2026 05:57 PM (14 days later)

Status Accepted

VulDB entry 352378 [Tenda F453 1.0.0.3 Parameters /goform/SafeClientFilter fromSafeClientFilter manufacturer/Go stack-based overflow]

Points 20

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