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Submit #773619: Tenda A18pro V02.03.02.28 stack

Title Tenda A18pro V02.03.02.28 stack

Description During a security review of the Tenda A18pro router firmware (version V02.03.02.28), a critical stack-based buffer overflow vulnerability was identified in the Wi-Fi configuration endpoint /goform/fast_setting_wifi_set.

The vulnerability exists within the form_fast_setting_wifi_set function. This function retrieves the user-controlled parameter ssid via the websGetVar interface and processes it into a fixed-size stack buffer ssid_5g (64 bytes). Due to the use of the unsafe sprintf function without length validation, an attacker can provide an overly long SSID to overwrite the stack, leading to a Denial of Service (DoS) or arbitrary code execution with root privileges.

Source <https://github.com/ilukun337/cve/issues/1>

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Submission 03/06/2026 06:12 AM (1 month ago)

Moderation 03/20/2026 09:32 AM (14 days later)

Status Verified

VulDB entry [CVE-2026-28282](#) [Tenda A18 Pro 02.03.02.28 fast_setting_wifi_set form_fast_setting_wifi_set stack-based overflow]

Points 20

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