WAVLINK-SA-2026-091302: Command Injection in WN535M1

Published 2026-09-13 10:00 UTC+8 Severity **Critical**

Status **Analyzed**

Abstract

WAVLINK WN535M1 and WN535M3 routers running firmware prior to M35M1_V250922 contain an unauthenticated OS command injection vulnerability that allows remote attackers to execute arbitrary commands as root by sending crafted filenames to the sync_server daemon on TCP port 13136. The daemon interpolates attacker-controlled filename input containing shell metacharacters into a shell command string via sprintf() and passes it to system() without sanitization, enabling root-level command execution on the device. This vulnerability was reported together with CVE-2026-89009 (unauthenticated arbitrary file write in the same sync_server daemon on TCP port 13136); both issues affect the same models and are addressed by the same firmware release.

Affected Products

Product	Affected Firmware	Fixed Firmware	Availability
WN535M1 Wi-Fi Router	`Prior to M35M1_V250922` and earlier	`M35M1_V250922 or later`	Available now · Download

Detail

WAVLINK WN535M1 and WN535M3 routers running firmware prior to M35M1_V250922 contain an unauthenticated OS command injection vulnerability that allows remote attackers to execute arbitrary commands as root by sending crafted filenames to the sync_server daemon on TCP port 13136. The daemon interpolates attacker-controlled filename input containing shell metacharacters into a shell command string via sprintf() and passes it to system() without sanitization, enabling root-level command execution on the device. This vulnerability was reported together with CVE-2026-89009 (unauthenticated arbitrary file write in the same sync_server daemon on TCP port 13136); both issues affect the same models and are addressed by the same firmware release. Tracked as `CVE-2026-89010` · CVSS v3.1 **9.8** `(CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)`

Solution

Update the firmware to version `M35M1_V250922 or later` or later.

Acknowledgement

Thanks to **Cam Smith** for reporting this vulnerability.

Reference

`CVE-2026-89010` · NVD entry