

NEW CRITICAL VULNERABILITY ADVISORY: CVE-2026-18588

Summary

CVE-2026-18588 is a newly disclosed Critical vulnerability. It is not yet on CISA's actively-exploited list; treat it as proactive patching before it is weaponised. A vulnerability has been found in Wavlink WL-NU516U1 708c073-mt7628. This affects the function fgets of the file nas.cgi. The manipulation of the argument CONTENT_LENGTH leads to stack-based buffer overflow. Remote exploitation of the attack is possible. You should upgrade the affected component. The vendor was contacted early, responded in a very professional manner and quickly released a fixed version of the affected product.

What we know

- **CVE:** CVE-2026-18588
- **Status:** Newly disclosed, not yet known-exploited (not on CISA KEV)
- **Severity:** CVSS 9.8 Critical, Network-exploitable, no privileges required, no user interaction (CVSS:3.1/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H)
- **Exploitation likelihood (EPSS):** 1%

Recommended action

Patch as a fix becomes available, prioritised by the exposure and EPSS above. Until then, restrict network access to the affected service now (segment it, put it behind a VPN, or take it offline) until you can patch. This does not yet trigger CRA 24-hour reporting, which requires active exploitation, but patching ahead of exploitation is the whole point.

Sources: NIST NVD. Public data; an advisory of a newly disclosed vulnerability, not an incident report. Verify applicability to your estate before acting.