



CVE-2018-4063

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Summary

CVE	CVE-2018-4063
State	PUBLIC
Assigner	talos-cna@cisco.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2019-05-06 19:29:00 UTC
Updated	2019-05-07 20:29:00 UTC
Description	An exploitable remote code execution vulnerability exists in the upload.cgi functionality of Sierra Wireless AirLink ES450 FV

Risk And Classification

EPSS: 0.008020000 probability, percentile 0.740500000 (date 2026-04-02)

CISA KEV: Listed on 2025-12-12; due 2026-01-02; ransomware use Unknown

Problem Types: CWE-434

CISA Known Exploited Vulnerability

Vendor	Sierra Wireless
Product	AirLink ALEOS
Name	Sierra Wireless AirLink ALEOS Unrestricted Upload of File with Dangerous Type Vulnerability
Required Action	Apply mitigations per vendor instructions, follow applicable BOD 22-01 guidance for cloud services, or discontinue use of the product if mitigations are unavailable.
Notes	<p>https://www.cisa.gov/news-events/ics-advisories/icsa-19-122-03 ;</p> <p>https://source.sierrawireless.com/resources/airlink/software_reference_docs/technical-bulletin/sierra-wireless-technical-bulletin---swi-psa-2019-003 ;</p> <p>https://source.sierrawireless.com/resources/airlink/hardware_reference_docs/airlink_es450_eol ;</p> <p>https://nvd.nist.gov/vuln/detail/CVE-2018-4063</p>

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware	Sierrawireless	Airlink Es450	-	All	All	All
Hardware	Sierrawireless	Airlink Es450	-	All	All	All
Operating System	Sierrawireless	Airlink Es450 Firmware	4.9.3	All	All	All
Operating System	Sierrawireless	Airlink Es450 Firmware	4.9.3	All	All	All

References

Reference	Source	Link	T
TALOS-2018-0748 Cisco Talos Intelligence Group - Comprehensive Threat Intelligence	MISC	talosintelligence.com	E
Sierra Wireless AirLink ALEOS ICS-CERT	MISC	ics-cert.us-cert.gov	
Sierra Wireless AirLink ES450 ACEManager upload.cgi Remote Code Execution ≈ Packet Storm	MISC	packetstormsecurity.com	
Sierra Wireless AirLink ALEOS Multiple Security Vulnerabilities	BID	www.securityfocus.com	
CVE Program record	CVE.ORG	www.cve.org	ca
NVD vulnerability detail	NVD	nvd.nist.gov	ca
CISA Known Exploited Vulnerabilities catalog	CISA	www.cisa.gov	ka

No vendor comments have been submitted for this CVE.

There are currently no legacy QID mappings associated with this CVE.

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