



CVE-2021-31574

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CVE-2021-31574

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

CVSS:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of **En7528** from **Mediatek** contain the following vulnerability:

In Config Manager, there is a possible command injection due to improper input validation. This could lead to remote escalation of privilege from a proximal attacker with no additional execution privileges needed. User interaction is not needed for exploitation. Patch ID: A20210009; Issue ID: OSBNB00123234.

CVE-2021-31574 has been assigned by [security@mediatek.com](#) to track the vulnerability - currently rated as **CRITICAL** severity.

Affected Vendor/Software: [MediaTek, Inc.](#) - **EN7528, EN7580** version **Linux SDK versions less than TLM7.3.275.0-82**

CVSS3 Score: **9.8 - CRITICAL**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	HIGH	HIGH

CVE References

Description	Tags	Link
Product Security Acknowledgements	corp.mediatek.com text/html	MISC corp.mediatek.com/product-security-acknowledgements

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There are currently no QIDs associated with this CVE

Exploit/POC from Github

In Config Manager, there is a possible command injection due to improper input validation. This could lead to remote ...

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Hardware 	Mediatek	En7528	-	All	All	All
Operating System	Mediatek	En7528 Firmware	All	All	All	All
Hardware 	Mediatek	En7580	-	All	All	All
Operating System	Mediatek	En7580 Firmware	All	All	All	All
cpe:2.3:h:mediatek:en7528:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:o:mediatek:en7528_firmware:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:h:mediatek:en7580:-:~::~~::~~::~~::~~::~~::~~::						
cpe:2.3:o:mediatek:en7580_firmware:~::~~::~~::~~::~~::~~::~~::						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-31574 : In Config Manager, there is a possible command injection due to improper input validation. This co... twitter.com/i/web/status/1...	2023-02-06 22:08:19
 @Robo_Alerts	Potentially Critical CVE Detected! CVE-2021-31574 In Config Manager, there is a possible command injection due to i... twitter.com/i/web/status/1...	2023-02-06 22:55:56
 @JohnJasonFallow	New vulnerability on the NVD: CVE-2021-31574 ift.tt/kroN7OD	2023-02-06 23:17:26
 @doogsineerg	New vulnerability on the NVD: CVE-2021-31574 ift.tt/2IQsXU3	2023-02-06 23:33:47
 @xanadulinux	CVE-2021-31574 ift.tt/zFbhQrG	2023-02-06 23:53:26
 /r/netcve	CVE-2021-31574	2023-02-06 23:38:31

[← Previous ID](#)

[Next ID →](#)

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