



CVE-2021-41061

Published on: 09/15/2021 12:00:00 AM UTC

Last Modified on: 07/12/2022 05:42:00 PM UTC

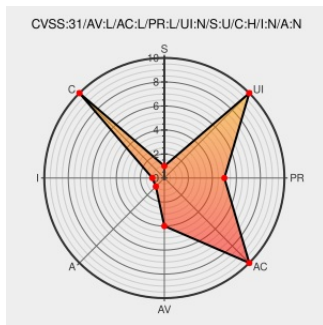
CVE-2021-41061

Source: [Mitre](#)

Source: [NIST](#)

[CVE.ORG](#)

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Certain versions of [Riot](#) from [Riot-os](#) contain the following vulnerability:

In RIOT-OS 2021.01, nonce reuse in 802.15.4 encryption in the `ieee820154_security` component allows attackers to break encryption by triggering reboots.

CVE-2021-41061 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.5 - MEDIUM**

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

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References

Description	Tags	Link
ieee802154_security: Nonce is reused after reboot · Issue #16844 · RIOT-OS/RIOT · GitHub	github.com text/html	MISC github.com/RIOT-OS/RIOT/issues/16844

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Riot-os	Riot	2021.01	All	All	All
<code>cpe:2.3:o:riot-os:riot:2021.01:*****:</code>						

No vendor comments have been submitted for this CVE

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