



CVE-2020-27634

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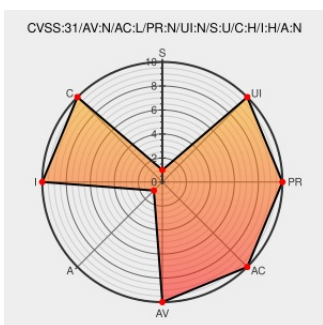
CVE-2020-27634

Source: Mitre

Source: NIST

CVE.ORG

Print: PDF



Certain versions of [Contiki-ng](#) from [Contiki-ng](#) contain the following vulnerability:

In Contiki 4.5, TCP ISNs are improperly random.

CVE-2020-27634 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.1 - CRITICAL**

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

CVE References

Description	Tags	Link
Multiple Embedded TCP/IP Stacks (Update B) CISA	www.cisa.gov text/html	MISC www.cisa.gov/news-events/ics-advisories/icsa-21-042-01
Forescout – Active Defense for the Enterprise of Things	web.archive.org text/html Inactive Link Not Archived	MISC www.forescout.com
403 Forbidden	www.forescout.com application/pdf Inactive Link Not Archived	MISC www.forescout.com/resources/numberjack-weak-isn-generation-in-embedded-tcpip-stacks/

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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	Contiki-ng	Contiki-ng	4.5	All	All	All
cpe:2.3:o:contiki-ng:contiki-ng:4.5:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
 @management_sun	IT/FA Risk: 複数のTCP/IPスタック製品における初期シーケンス番号の脆弱性 -2/3 CVE-2020-27631 CVE-2020-27632 CVE-2020-27633 CVE-2020-27634 CVE-2... twitter.com/i/web/status/1...	2021-11-12 07:11:43

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