



CVE-2021-38209

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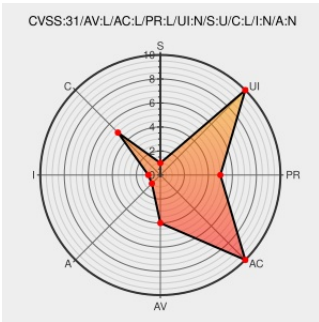
Last Modified on: 08/12/2021 10:49:00 PM UTC

CVE-2021-38209

[Source: Mitre](#)

[Source: Nist](#)

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Certain versions of [Linux Kernel](#) from [Linux](#) contain the following vulnerability:

net/netfilter/nf_conntrack_standalone.c in the Linux kernel before 5.12.2 allows observation of changes in any net namespace because these changes are leaked into all other net namespaces. This is related to the NF_SYSCTL_CT_MAX, NF_SYSCTL_CT_EXPECT_MAX, and NF_SYSCTL_CT_BUCKETS sysctls.

CVE-2021-38209 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as [LOW](#) severity.

CVSS3 Score: [3.3 - LOW](#)

Attack Vector	Attack Complexity	Privileges Required	User Interaction
LOCAL	LOW	LOW	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	LOW	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
netfilter: conntrack: Make global sysctls readyonly in non-init netns ·	github.com text/html	MISC github.com/torvalds/linux/commit/2671fa4dc0109d3fb581bc3078fdf17b5d9080f6

[cdn.kernel.org](#)🐞 MISC [cdn.kernel.org/pub/linux/kernel/v5.x/ChangeLog-5.12.2](#)[text/plain](#)

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Related QID Numbers

[751160](#) OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3179-1)

[751170](#) OpenSUSE Security Update for the Linux Kernel (openSUSE-SU-2021:3205-1)

[900294](#) CBL-Mariner Linux Security Update for kernel 5.10.52.1

[900304](#) CBL-Mariner Linux Security Update for kernel 5.10.57.1

[900319](#) CBL-Mariner Linux Security Update for kernel 5.10.60.1

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
cpe:2.3:o:linux:linux_kernel:*.:*:*:*:*:*:						

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)
@CVEreport	CVE-2021-38209 : net/netfilter/nf_contrack_standalone.c in the #Linux #kernel before 5.12.2 allows observation of... twitter.com/i/web/status/1...	2021-08-08 20:06:04
@LinInfoSec	Netfilter - CVE-2021-38209: cdn.kernel.org/pub/linux/kern...	2021-08-08 22:35:33

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