CVE-2022-3110

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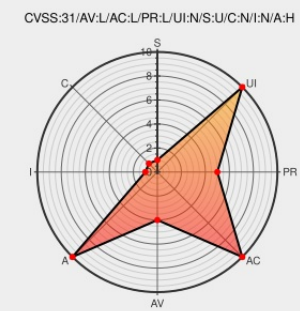
CVE-2022-3110

Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Linux Kernel from Linux contain the following vulnerability:

An issue was discovered in the Linux kernel through 5.16-rc6. _rtw_init_xmit_priv in drivers/staging/r8188eu/core/rtw_xmit.c lacks check of the return value of rtw_alloc_hwxmits() and will cause the null pointer dereference.

CVE-2022-3110 has been assigned by secalert@redhat.com 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	NONE	NONE	HIGH

CVE References

Description	Tags	Link
kernel/git/torvalds/linux.git - Linux kernel source tree	git.kernel.org text/html	MISC git.kernel.org/pub/scm/linux/kernel/git/torvalds/linux.git/commit/?h=v5.19-rc2&id=f94b47c6bde624d6c07f43054087607c52054a95
2153055 – (CVE-2022-3110) CVE-2022-3110 Kernel: Unchecked rtw_alloc_hwxmits return leads to null pointer dereference.	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=2153055

Related OID Numbers

Related QID Numbers

183795 Debian Security Update for linux (CVE-2022-3110)

904692 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11635)

904697 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11610)

906357 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11610-2)

906719 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (11635-1)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	5.16.0	-	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc1	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc2	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc3	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc4	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc5	All	All
Operating System	Linux	Linux Kernel	5.16.0	rc6	All	All

cpe:2.3:o:linux:linux_kernel:*:*:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:-:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:rc1:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:rc2:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:rc3:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:rc4:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:rc5:*:*:*:*:*:*:

cpe:2.3:o:linux:linux_kernel:5.16.0:rc6:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

Social Mentions

Source	Title	Posted (UTC)

@CVEreport	CVE-2022-3110 : An issue was discovered in the #Linux #kernel through 5.16-rc6. _rtw_init_xmit_priv in drivers/stag… twitter.com/i/web/status/1…	2022-12-14 21:09:10
/r/netcve	CVE-2022-3110	2022-12-14 22:42:12

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