



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 <code>rtw_alloc_hwxmits</code> return leads to null pointer dereference.	bugzilla.redhat.com text/html	MISC bugzilla.redhat.com/show_bug.cgi?id=2153055

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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)

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:-:*:*:*:*:*:
```

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cpe:2.3:o:linux:linux_kernel:5.16.0:rc1:*:*:*:*.*
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cpe:2.3:o:linux:linux_kernel:5.16.0:rc2:*:*:*:*.*
```

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cpe:2.3:o:linux:linux_kernel:5.16.0:rc3:*:*:*:*.*
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cpe:2.3:o:linux:linux_kernel:5.16.0:rc4:*:*:*.*
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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)
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 @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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