



CVE-2020-14331

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-14331
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-09-15 19:15:00 UTC
Updated	2023-02-12 23:40:00 UTC
Description	A flaw was found in the Linux kernel's implementation of the invert video code on VGA consoles when a local attacker atten

Risk And Classification

Problem Types: CWE-787

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	5.8.0	rc1	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc2	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc3	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc4	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc5	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc6	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc1	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc2	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc3	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc4	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc5	All	All
Operating System	Linux	Linux Kernel	5.8.0	rc6	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	7.0	All	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All

References

Reference	Source	Link	Tags
[SECURITY] [DLA 2420-2] linux regression update	MLIST	lists.debian.org	Mailing
Red Hat Customer Portal	MISC	access.redhat.com	
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.com	
1858679 – (CVE-2020-14331) CVE-2020-14331 kernel: kernel: buffer over write in vgacon_scroll	MISC	bugzilla.redhat.com	Issue T
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.com	
Red Hat Customer Portal	MISC	access.redhat.com	
[SECURITY] [DLA 2385-1] linux-4.19 security update	MLIST	lists.debian.org	Mailing
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	access.redhat.com	
linux-kernel - [PATCH] vgacon: fix out of bounds write to the scrollbar buffer	MISC	lists.openwall.net	Mailing
oss-security - [CVE-2020-14331] Linux Kernel: buffer over write in vgacon_scrollback_update	MISC	www.openwall.com	Exploit
[SECURITY] [DLA 2420-1] linux security update	MLIST	lists.debian.org	Mailing
CVE Program record	CVE.ORG	www.cve.org	canoni
NVD vulnerability detail	NVD	nvd.nist.gov	canoni

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[174728](#) SUSE Enterprise Linux Security update for the Linux Kernel (SUSE-SU-2020:2122-1)

[353100](#) Amazon Linux Security Advisory for kernel : ALAC2012-2021-024

[353101](#) Amazon Linux Security Advisory for kmod-mlx5 : ALAC2012-2021-025

[353102](#) Amazon Linux Security Advisory for kmod-sfc : ALAC2012-2021-026

[378473](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0021)

[750376](#) OpenSUSE Security Update for RT kernel (openSUSE-SU-2021:0242-1)

[900076](#) CBL-Mariner Linux Security Update for kernel 5.4.91

[903374](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3473)

[906198](#) Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (3473-1)

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