



CVE-2023-3161

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Summary

CVE	CVE-2023-3161
State	PUBLIC
Assigner	secalert@redhat.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2023-06-12 20:15:00 UTC
Updated	2023-06-22 00:17:00 UTC
Description	A flaw was found in the Framebuffer Console (fbcon) in the Linux Kernel. When providing font->width and font->height grea

Risk And Classification

Problem Types: CWE-682

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Fedoraproject	Fedora	38	All	All	All
Operating System	Linux	Linux Kernel	All	All	All	All
Operating System	Linux	Linux Kernel	6.2	rc1	All	All
Operating System	Linux	Linux Kernel	6.2	rc2	All	All
Operating System	Linux	Linux Kernel	6.2	rc3	All	All
Operating System	Linux	Linux Kernel	6.2	rc4	All	All
Operating System	Linux	Linux Kernel	6.2	rc5	All	All
Operating System	Linux	Linux Kernel	6.2	rc6	All	All
Operating System	Redhat	Enterprise Linux	8.0	All	All	All
Operating System	Redhat	Enterprise Linux	9.0	All	All	All

References

Reference	Source	Link	Tags
fbcon: Check font dimension limits · torvalds/linux@2b09d5d · GitHub	MISC	github.com	
2213485 – (CVE-2023-3161) CVE-2023-3161 kernel: fbcon: shift-out-of-bounds in fbcon_set_font()	MISC	bugzilla.redhat.com	
CVE Program record	CVE.ORG	www.cve.org	cano
NVD vulnerability detail	NVD	nvd.nist.gov	cano

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[160818](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12688)

[161066](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-6583)

[161147](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-7077)

[181853](#) Debian Security Update for linux (CVE-2023-3161)

[199465](#) Ubuntu Security Notification for Linux kernel (Xilinx ZynqMP) Vulnerabilities (USN-6222-1)

[199614](#) Ubuntu Security Notification for Linux kernel (IoT) Vulnerabilities (USN-6256-1)

[199617](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-6254-1)

[242154](#) Red Hat Update for kernel (RHSA-2023:5604)

[242157](#) Red Hat Update for kernel-rt (RHSA-2023:5603)

[242399](#) Red Hat Update for kernel security (RHSA-2023:6583)

[242434](#) Red Hat Update for kernel-rt security (RHSA-2023:6901)

[242451](#) Red Hat Update for kernel security (RHSA-2023:7077)

[242855](#) Red Hat Update for kernel (RHSA-2024:0412)

[378892](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0114)

[379043](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0136)

[379435](#) Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2024:0012)

[390286](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0018)

[673261](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2614)

[673272](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2584)

[673372](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2787)

[673498](#) EulerOS Security Update for kernel (EulerOS-SA-2023-3132)

[673604](#) EulerOS Security Update for kernel (EulerOS-SA-2023-2811)

[754160](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2808-1)

[754167](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2822-1)

[754168](#) SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2830-1)

754170 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2834-1)
754183 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2859-1)
755851 SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
907000 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27193-1)
907037 Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (27192-1)
941453 AlmaLinux Security Update for kernel (ALSA-2023:7077)

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