



# CVE-2021-33655

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF](#)

## Summary

<b>CVE</b>	CVE-2021-33655
<b>State</b>	PUBLIC
<b>Assigner</b>	securities@openeuler.org
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-07-18 15:15:00 UTC
<b>Updated</b>	2022-10-29 02:52:00 UTC
<b>Description</b>	When sending malicious data to kernel by ioctl cmd FBIOPUT_VSCREENINFO,kernel will write memory out of bounds.

## Risk And Classification

**Problem Types:** CWE-787

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	10.0	All	All	All
Operating System	<a href="#">Debian</a>	<a href="#">Debian Linux</a>	11.0	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	All	All	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	5.19	rc1	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	5.19	rc2	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	5.19	rc3	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	5.19	rc4	All	All
Operating System	<a href="#">Linux</a>	<a href="#">Linux Kernel</a>	5.19	rc5	All	All

## References

### Reference

[SECURITY] [DLA 3131-1] linux security update

oss-security - CVE-2021-33655: Linux kernel: When sending malicious data to kernel by ioctl cmd FBIOPUT\_VSCREENINFO,kernel will write

Debian -- Security Information -- DSA-5191-1 linux

kernel/git/torvalds/linux.git - Linux kernel source tree

CVE Program record

NVD vulnerability detail

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

[160076](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2022-9761)

[160583](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2458)

[160692](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-2951)

[180900](#) Debian Security Update for linux (DSA 5191-1)

[181091](#) Debian Security Update for linux (DLA 3131-1)

[182470](#) Debian Security Update for linux (CVE-2021-33655)

[198910](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5577-1)

[198923](#) Ubuntu Security Notification for Linux kernel (OEM) Vulnerabilities (USN-5596-1)

[198946](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5621-1)

[198948](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5624-1)

[198949](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5622-1)

[198950](#) Ubuntu Security Notification for Linux kernel (HWE) Vulnerabilities (USN-5623-1)

[198953](#) Ubuntu Security Notification for Linux kernel Vulnerabilities (USN-5633-1)

[198954](#) Ubuntu Security Notification for Linux kernel (Raspberry Pi) Vulnerabilities (USN-5630-1)

[198958](#) Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5635-1)

[198960](#) Ubuntu Security Notification for Linux kernel (Oracle) Vulnerabilities (USN-5640-1)

[198962](#) Ubuntu Security Notification for Linux kernel (Azure CVM) Vulnerabilities (USN-5639-1)

[198964](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5644-1)

[198966](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5647-1)

[198967](#) Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5648-1)

[198970](#) Ubuntu Security Notification for Linux kernel (GKE) Vulnerabilities (USN-5654-1)

[198972](#) Ubuntu Security Notification for Linux kernel (Intel IoTG) Vulnerabilities (USN-5655-1)

[198974](#) Ubuntu Security Notification for Linux kernel (GCP) Vulnerabilities (USN-5660-1)

[198989](#) Ubuntu Security Notification for Linux kernel (IBM) Vulnerabilities (USN-5683-1)

[241417](#) Red Hat Update for kernel security (RHSA-2023:2458)

[241468](#) Red Hat Update for kernel-rt (RHSA-2023:2148)

<a href="#">241504</a> Red Hat Update for kernel security (RHSA-2023:2951)
<a href="#">241527</a> Red Hat Update for kernel-rt (RHSA-2023:2736)
<a href="#">242941</a> Red Hat Update for kernel (RHSA-2024:0930)
<a href="#">354044</a> Amazon Linux Security Advisory for kernel : ALAS2-2022-1833
<a href="#">354049</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.4-2022-034
<a href="#">354071</a> Amazon Linux Security Advisory for kernel : ALAS-2022-1636
<a href="#">354075</a> Amazon Linux Security Advisory for kernel : ALAS2-2022-1852
<a href="#">377117</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0158)
<a href="#">390267</a> Oracle VM Server for x86 Security Update for kernel (OVMSA-2022-0024)
<a href="#">610471</a> Google Android Devices March 2023 Security Patch Missing
<a href="#">610484</a> Google Android April 2023 Security Patch Missing for Samsung
<a href="#">610486</a> Google Android April 2023 Security Patch Missing for Huawei EMUI
<a href="#">672114</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2292)
<a href="#">672141</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2441)
<a href="#">672205</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2466)
<a href="#">672218</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2619)
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<a href="#">672354</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2732)
<a href="#">752452</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2719-1)
<a href="#">752453</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2723-1)
<a href="#">752455</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2720-1)
<a href="#">752461</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2803-1)
<a href="#">752463</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2809-1)
<a href="#">752464</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2808-1)
<a href="#">752474</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2827-1)
<a href="#">752502</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2875-1)
<a href="#">752814</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15 SP1) (SUSE-SU-2022:4112-1)
<a href="#">752831</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15) (SUSE-SU-2022:4027-1)

<a href="#">752850</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 1 for SLE 15 SP4) (SUSE-SU-2022:4035-1)
<a href="#">752852</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 16 for SLE 15 SP3) (SUSE-SU-2022:4100-1)
<a href="#">752874</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 32 for SLE 15 SP1) (SUSE-SU-2022:4024-1)
<a href="#">752894</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 22 for SLE 15 SP3) (SUSE-SU-2022:4033-1)
<a href="#">752902</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15) (SUSE-SU-2022:4129-1)
<a href="#">752930</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 0 for SLE 15 SP4) (SUSE-SU-2022:4113-1)
<a href="#">753135</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2722-1)
<a href="#">753156</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2741-1)
<a href="#">753316</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2892-1)
<a href="#">753703</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
<a href="#">753707</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
<a href="#">753727</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:0416-1)
<a href="#">902778</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10621)
<a href="#">902789</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10616)
<a href="#">904104</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10621-1)
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