



# CVE-2021-4037

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

## Summary

<b>CVE</b>	CVE-2021-4037
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-08-24 16:15:00 UTC
<b>Updated</b>	2022-12-08 03:40:00 UTC
<b>Description</b>	A vulnerability was found in the fs/inode.c:inode_init_owner() function logic of the Linux kernel that allows local users to cre

## Risk And Classification

**Problem Types:** CWE-284

## 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

## References

Reference	Source	Link	Tags
2027239 – (CVE-2021-4037) CVE-2021-4037 kernel: security regression for CVE-2018-13405	MISC	<a href="#">bugzilla.redhat.com</a>	
Debian -- Security Information -- DSA-5257-1 linux	DEBIAN	<a href="#">www.debian.org</a>	
[SECURITY] [DLA 3173-1] linux-5.10 security update	MLIST	<a href="#">lists.debian.org</a>	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="#">git.kernel.org</a>	
Bug Access Denied	MISC	<a href="#">bugzilla.redhat.com</a>	
Red Hat Customer Portal - Access to 24x7 support and knowledge	MISC	<a href="#">access.redhat.com</a>	
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="#">git.kernel.org</a>	
CVE Program record	CVE.ORG	<a href="#">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="#">nvd.nist.gov</a>	canonical

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">159825</a> Oracle Enterprise Linux Security Update for kernel (ELSA-2022-1988)
<a href="#">181145</a> Debian Security Update for linux (DSA 5257-1)
<a href="#">181190</a> Debian Security Update for linux-5.10 (DLA 3173-1)
<a href="#">183412</a> Debian Security Update for linux (CVE-2021-4037)
<a href="#">240275</a> Red Hat Update for kernel-rt (RHSA-2022:1975)
<a href="#">240298</a> Red Hat Update for kernel security (RHSA-2022:1988)
<a href="#">240390</a> Red Hat Update for kernel-rt (RHSA-2022:4835)
<a href="#">240392</a> Red Hat Update for kernel security (RHSA-2022:4829)
<a href="#">257226</a> CentOS Security Update for kernel (CESA-2023:1091)
<a href="#">354101</a> Amazon Linux Security Advisory for kernel : ALAS2KERNEL-5.10-2022-021
<a href="#">377741</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2022:0175)
<a href="#">377766</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2022:0049)
<a href="#">377871</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0001)
<a href="#">377891</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX3-SA-2023:0002)
<a href="#">6140127</a> AWS Bottlerocket Security Update for kernel (GHSA-g3v4-8q9p-hjcc)
<a href="#">671367</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1308)
<a href="#">671380</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1292)
<a href="#">671436</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1352)
<a href="#">671498</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1466)
<a href="#">671543</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1475)
<a href="#">671561</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1523)
<a href="#">671703</a> EulerOS Security Update for kernel (EulerOS-SA-2022-1735)
<a href="#">752594</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3293-1)
<a href="#">752813</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3930-1)
<a href="#">752839</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3929-1)
<a href="#">752880</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4053-1)
<a href="#">752889</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3897-1)

<a href="#">752944</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4273-1)
<a href="#">752959</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4272-1)
<a href="#">753038</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4573-1)
<a href="#">753039</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4574-1)
<a href="#">753051</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4589-1)
<a href="#">753060</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4615-1)
<a href="#">753063</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:4617-1)
<a href="#">753167</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:3288-1)
<a href="#">903723</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10702)
<a href="#">904621</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10702-1)
<a href="#">906178</a> Common Base Linux Mariner (CBL-Mariner) Security Update for kernel (10702-2)
<a href="#">940517</a> AlmaLinux Security Update for kernel (ALSA-2022:1988)

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