



# CVE-2022-20141

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064\_img.jpg\)](#)

## Summary

<b>CVE</b>	CVE-2022-20141
<b>State</b>	PUBLIC
<b>Assigner</b>	security@android.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2022-06-15 14:15:00 UTC
<b>Updated</b>	2024-02-02 16:50:00 UTC
<b>Description</b>	In ip_check_mc_rcu of igmp.c, there is a possible use after free due to improper locking. This could lead to local escalation

## Risk And Classification

**Problem Types:** CWE-362

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Google	Android	-	All	All	All

## References

Reference	Source	Link	Tags
Android Security Bulletin—June 2022   Android Open Source Project	MISC	<a href="https://source.android.com">source.android.com</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonical
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonical, analysis

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

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

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

[160766](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12566)

[160767](#) Oracle Enterprise Linux Security Update for unbreakable enterprise kernel (ELSA-2023-12565)

[179363](#) Debian Security Update for linux (CVE-2022-20141)

<a href="#">241417</a> Red Hat Update for kernel security (RHSA-2023:2458)
<a href="#">241468</a> 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="#">242855</a> Red Hat Update for kernel (RHSA-2024:0412)
<a href="#">378043</a> Alibaba Cloud Linux Security Update for cloud-kernel (ALINUX2-SA-2023:0011)
<a href="#">390285</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0017)
<a href="#">390286</a> Oracle Managed Virtualization (VM) Server for x86 Security Update for kernel (OVMSA-2023-0018)
<a href="#">610417</a> Google Android Devices June 2022 Security Patch Missing
<a href="#">610422</a> Google Android July 2022 Security Patch Missing for Huawei EMUI
<a href="#">610423</a> Google Android July 2022 Security Patch Missing for Samsung
<a href="#">672045</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2225)
<a href="#">672086</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2321)
<a href="#">672139</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2428)
<a href="#">672158</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2415)
<a href="#">672218</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2619)
<a href="#">672322</a> EulerOS Security Update for kernel (EulerOS-SA-2022-2716)
<a href="#">752340</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2377-1)
<a href="#">752349</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2382-1)
<a href="#">752354</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2393-1)
<a href="#">752359</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2411-1)
<a href="#">752360</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2407-1)
<a href="#">752363</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2423-1)
<a href="#">752364</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2422-1)
<a href="#">752391</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2549-1)
<a href="#">752463</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2809-1)
<a href="#">753091</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2172-1)
<a href="#">753140</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15 SP2) (SUSE-SU-2022:2779-1)
<a href="#">753151</a> SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 26 for SLE 15) (SUSE-SU-2022:2709-1)

753184 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 11 for SLE 15 SP3) (SUSE-SU-2022:2738-1)
753216 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 16 for SLE 15 SP3) (SUSE-SU-2022:2727-1)
753219 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 14 for SLE 15 SP3) (SUSE-SU-2022:2726-1)
753238 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 31 for SLE 15 SP1) (SUSE-SU-2022:2762-1)
753246 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 29 for SLE 15 SP1) (SUSE-SU-2022:2728-1)
753247 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 29 for SLE 15) (SUSE-SU-2022:2750-1)
753277 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 28 for SLE 15 SP1) (SUSE-SU-2022:2700-1)
753294 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 19 for SLE 15 SP3) (SUSE-SU-2022:2696-1)
753296 SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2022:2177-1)
753315 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 18 for SLE 15 SP3) (SUSE-SU-2022:2759-1)
753319 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 7 for SLE 15 SP3) (SUSE-SU-2022:2766-1)
753346 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 21 for SLE 15 SP2) (SUSE-SU-2022:2783-1)
753366 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 27 for SLE 15 SP2) (SUSE-SU-2022:2781-1)
753412 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 30 for SLE 15 SP1) (SUSE-SU-2022:2710-1)
753443 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 24 for SLE 15 SP2) (SUSE-SU-2022:2776-1)
753481 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 9 for SLE 15 SP3) (SUSE-SU-2022:2770-1)
753489 SUSE Enterprise Linux Security Update for the Linux Kernel (Live Patch 17 for SLE 15 SP3) (SUSE-SU-2022:2732-1)
941023 AlmaLinux Security Update for kernel (ALSA-2023:2458)
941061 AlmaLinux Security Update for kernel-rt (ALSA-2023:2148)
941096 AlmaLinux Security Update for kernel (ALSA-2023:2951)
941114 AlmaLinux Security Update for kernel-rt (ALSA-2023:2736)

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