



# CVE-2023-1637

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## Summary

<b>CVE</b>	CVE-2023-1637
<b>State</b>	PUBLIC
<b>Assigner</b>	secalert@redhat.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2023-03-27 22:15:00 UTC
<b>Updated</b>	2023-11-07 04:04:00 UTC
<b>Description</b>	A flaw that boot CPU could be vulnerable for the speculative execution behavior kind of attacks in the Linux kernel X86 CPU

## Risk And Classification

**Problem Types:** CWE-212

## NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Linux	Linux Kernel	5.18	rc2	All	All

## References

Reference	Source	Link	Tags
kernel/git/torvalds/linux.git - Linux kernel source tree	MISC	<a href="https://git.kernel.org">git.kernel.org</a>	
27398 – x86: Improve testing false positive for tst-cpu-features-cpuinfo with bad hardware.	MISC	<a href="https://sourceware.org">sourceware.org</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

[160912](#) Oracle Enterprise Linux Security Update for kernel (ELSA-2023-5069)

[181712](#) Debian Security Update for linux (CVE-2023-1637)

[242147](#) Red Hat Update for kernel (RHSA-2023:5628)

[242188](#) Red Hat Update for kernel-rt (RHSA-2023:5794)

<a href="#">672935</a> EulerOS Security Update for kernel (EulerOS-SA-2023-1824)
<a href="#">673208</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2315)
<a href="#">673393</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2647)
<a href="#">674113</a> EulerOS Security Update for kernel (EulerOS-SA-2023-2689)
<a href="#">754120</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2611-1)
<a href="#">754145</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2651-1)
<a href="#">754160</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2808-1)
<a href="#">754167</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2822-1)
<a href="#">754168</a> SUSE Enterprise Linux Security Update for the Linux Kernel (SUSE-SU-2023:2830-1)
<a href="#">755851</a> SUSE Enterprise Linux Security Update for the linux kernel (SUSE-SU-2023:2646-1)
<a href="#">941249</a> AlmaLinux Security Update for kernel (ALSA-2023:5069)
<a href="#">941254</a> AlmaLinux Security Update for kernel-rt (ALSA-2023:5091)
<a href="#">961015</a> Rocky Linux Security Update for kernel-rt (RLSA-2023:5091)

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