



# CVE-2020-24512

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

## Summary

<b>CVE</b>	CVE-2020-24512
<b>State</b>	PUBLIC
<b>Assigner</b>	secure@intel.com
<b>Source Priority</b>	CVE Program / NVD first with legacy fallback
<b>Published</b>	2021-06-09 19:15:00 UTC
<b>Updated</b>	2021-09-09 12:56:00 UTC
<b>Description</b>	Observable timing discrepancy in some Intel(R) Processors may allow an authenticated user to potentially enable informati

## Risk And Classification

**Problem Types:** CWE-203

## 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
Application	<a href="#">Intel</a>	<a href="#">Microcode</a>	All	All	All	All
Operating System	<a href="#">Intel</a>	<a href="#">Microcode</a>	All	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Fas/aff Bios</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Hci Compute Node Bios</a>	-	All	All	All
Operating System	<a href="#">Netapp</a>	<a href="#">Solidfire Bios</a>	-	All	All	All

## References

Reference	Source	Link	Tags
<a href="https://cert-portal.siemens.com/productcert/pdf/ssa-309571.pdf">cert-portal.siemens.com/productcert/pdf/ssa-309571.pdf</a>	CONFIRM	<a href="https://cert-portal.siemens.com">cert-portal.siemens.com</a>	
INTEL-SA-00464	MISC	<a href="https://www.intel.com">www.intel.com</a>	
Intel SA-00464 Intel Processor Vulnerabilities in NetApp Products   NetApp Product Security	CONFIRM	<a href="https://security.netapp.com">security.netapp.com</a>	
Debian -- Security Information -- DSA-4934-1 intel-microcode	DEBIAN	<a href="https://www.debian.org">www.debian.org</a>	
[SECURITY] [DLA 2718-1] intel-microcode security update	MLIST	<a href="https://lists.debian.org">lists.debian.org</a>	
CVE Program record	CVE.ORG	<a href="https://www.cve.org">www.cve.org</a>	canonic
NVD vulnerability detail	NVD	<a href="https://nvd.nist.gov">nvd.nist.gov</a>	canonic

No vendor comments have been submitted for this CVE.

## Legacy QID Mappings

<a href="#">159257</a> Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-2305)
<a href="#">159284</a> Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-2308)
<a href="#">159327</a> Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3027)
<a href="#">159328</a> Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3028)
<a href="#">178683</a> Debian Security Update for intel-microcode (DSA 4934-1)
<a href="#">178725</a> Debian Security Update for intel-microcode (DLA 2718-1)
<a href="#">198411</a> Ubuntu Security Notification for Intel Microcode vulnerabilities (USN-4985-1)
<a href="#">239405</a> Red Hat Update for microcode_ctl (RHSA-2021:2308)
<a href="#">239406</a> Red Hat Update for microcode_ctl (RHSA-2021:2307)
<a href="#">239407</a> Red Hat Update for microcode_ctl (RHSA-2021:2306)
<a href="#">239408</a> Red Hat Update for microcode_ctl (RHSA-2021:2305)
<a href="#">239409</a> Red Hat Update for microcode_ctl (RHSA-2021:2304)
<a href="#">239444</a> Red Hat Update for microcode_ctl (RHSA-2021:2306)
<a href="#">239533</a> Red Hat Update for microcode_ctl (RHSA-2021:3029)
<a href="#">239534</a> Red Hat Update for microcode_ctl (RHSA-2021:3028)
<a href="#">239535</a> Red Hat Update for microcode_ctl (RHSA-2021:3027)
<a href="#">239569</a> Red Hat Update for microcode_ctl (RHSA-2021:3176)
<a href="#">239598</a> Red Hat Update for microcode_ctl (RHSA-2021:3364)
<a href="#">257102</a> CentOS Security Update for microcode_ctl (CESA-2021:3028)
<a href="#">376933</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX3-SA-2021:0040)
<a href="#">377088</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2021:0047)
<a href="#">377112</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX3-SA-2021:0057)
<a href="#">377204</a> Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2021:0038)
<a href="#">590761</a> Siemens Industrial Products Intel CPUs (Update B) Multiple Vulnerabilities (ICSA-21-222-05)
<a href="#">750142</a> SUSE Enterprise Linux Security Update for ucode-intel (SUSE-SU-2021:1929-1)
<a href="#">750145</a> SUSE Enterprise Linux Security Update for ucode-intel (SUSE-SU-2021:1932-1)

<a href="#">750146</a> SUSE Enterprise Linux Security Update for ucode-intel (SUSE-SU-2021:1931-1)
<a href="#">750147</a> SUSE Enterprise Linux Security Update for ucode-intel (SUSE-SU-2021:1930-1)
<a href="#">750150</a> SUSE Enterprise Linux Security Update for ucode-intel (SUSE-SU-2021:1933-1)
<a href="#">750645</a> OpenSUSE Security Update for ucode-intel (openSUSE-SU-2021:0876-1)
<a href="#">750817</a> OpenSUSE Security Update for ucode-intel (openSUSE-SU-2021:1933-1)
<a href="#">940294</a> AlmaLinux Security Update for microcode_ctl (ALSA-2021:2308)
<a href="#">940391</a> AlmaLinux Security Update for microcode_ctl (ALSA-2021:3027)
<a href="#">960001</a> Rocky Linux Security Update for microcode_ctl (RLSA-2021:2308)
<a href="#">960737</a> Rocky Linux Security Update for microcode_ctl (RLSA-2021:3027)

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