



CVE-2020-8698

[MITRE](#)[NVD](#)[CVE.ORG](#)[Print: PDF !\[\]\(e3f8612927870f2e0f9f5989e6dd3064_img.jpg\)](#)

Summary

CVE	CVE-2020-8698
State	PUBLIC
Assigner	secure@intel.com
Source Priority	CVE Program / NVD first with legacy fallback
Published	2020-11-12 18:15:00 UTC
Updated	2023-11-07 03:26:00 UTC
Description	Improper isolation of shared resources in some Intel(R) Processors may allow an authenticated user to potentially enable ir

Risk And Classification

Problem Types: CWE-668

NVD Known Affected Configurations (CPE 2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Debian	Debian Linux	9.0	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Operating System	Fedoraproject	Fedora	31	All	All	All
Hardware	Intel	Core I3-1000g1	-	All	All	All
Hardware	Intel	Core I3-1000g1	-	All	All	All
Hardware	Intel	Core I3-1000g4	-	All	All	All
Hardware	Intel	Core I3-1000g4	-	All	All	All
Hardware	Intel	Core I3-1005g1	-	All	All	All
Hardware	Intel	Core I3-1005g1	-	All	All	All
Hardware	Intel	Core I3-1110g4	-	All	All	All
Hardware	Intel	Core I3-1110g4	-	All	All	All
Hardware	Intel	Core I3-1115g4	-	All	All	All
Hardware	Intel	Core I3-1115g4	-	All	All	All
Hardware	Intel	Core I3-1120g4	-	All	All	All
Hardware	Intel	Core I3-1120g4	-	All	All	All
Hardware	Intel	Core I3-1125g4	-	All	All	All

Hardware	Intel	Core I3-1125g4	-	All	All	All
Hardware	Intel	Core I5-1030g4	-	All	All	All
Hardware	Intel	Core I5-1030g4	-	All	All	All
Hardware	Intel	Core I5-1030g7	-	All	All	All
Hardware	Intel	Core I5-1030g7	-	All	All	All
Hardware	Intel	Core I5-1035g1	-	All	All	All
Hardware	Intel	Core I5-1035g1	-	All	All	All
Hardware	Intel	Core I5-1035g4	-	All	All	All
Hardware	Intel	Core I5-1035g4	-	All	All	All
Hardware	Intel	Core I5-1035g7	-	All	All	All
Hardware	Intel	Core I5-1035g7	-	All	All	All
Hardware	Intel	Core I5-1130g7	-	All	All	All
Hardware	Intel	Core I5-1130g7	-	All	All	All
Hardware	Intel	Core I5-1135g7	-	All	All	All
Hardware	Intel	Core I5-1135g7	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Hardware	Intel	Core I7-1060g7	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Hardware	Intel	Core I7-1065g7	-	All	All	All
Hardware	Intel	Core I7-1160g7	-	All	All	All
Hardware	Intel	Core I7-1160g7	-	All	All	All
Hardware	Intel	Core I7-1165g7	-	All	All	All
Hardware	Intel	Core I7-1165g7	-	All	All	All
Hardware	Intel	Core I7-1185g7	-	All	All	All
Hardware	Intel	Core I7-1185g7	-	All	All	All
Application	Intel	Microcode	-	All	All	All
Operating System	Intel	Microcode	-	All	All	All
Application	Intel	Microcode	-	All	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All
Application	Netapp	Clustered Data Ontap	-	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Hardware	Netapp	Hci Compute Node	-	All	All	All
Operating System	Netapp	Hci Compute Node Bios	-	All	All	All
Operating System	Netapp	Hci Compute Node Bios	-	All	All	All
Hardware	Netapp	Hci Storage Node	-	All	All	All

Hardware	Netapp	Hci Storage Node	-	All	All	All
Operating System	Netapp	Hci Storage Node Bios	-	All	All	All
Operating System	Netapp	Hci Storage Node Bios	-	All	All	All
Hardware	Netapp	Solidfire	-	All	All	All
Hardware	Netapp	Solidfire	-	All	All	All
Operating System	Netapp	Solidfire Bios	-	All	All	All
Operating System	Netapp	Solidfire Bios	-	All	All	All
Hardware	Siemens	Simatic Field Pg M5	-	All	All	All
Operating System	Siemens	Simatic Field Pg M5 Firmware	All	All	All	All
Hardware	Siemens	Simatic Field Pg M6	-	All	All	All
Operating System	Siemens	Simatic Field Pg M6 Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc427e	-	All	All	All
Operating System	Siemens	Simatic Ipc427e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc477e	-	All	All	All
Operating System	Siemens	Simatic Ipc477e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc477e Pro	-	All	All	All
Operating System	Siemens	Simatic Ipc477e Pro Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc627e	-	All	All	All
Operating System	Siemens	Simatic Ipc627e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc647e	-	All	All	All
Operating System	Siemens	Simatic Ipc647e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc677e	-	All	All	All
Operating System	Siemens	Simatic Ipc677e Firmware	All	All	All	All
Hardware	Siemens	Simatic Ipc847e	-	All	All	All
Operating System	Siemens	Simatic Ipc847e Firmware	All	All	All	All
Hardware	Siemens	Simatic Itp1000	-	All	All	All
Operating System	Siemens	Simatic Itp1000 Firmware	All	All	All	All

References

Reference	Source	Link
[SECURITY] Fedora 31 Update: microcode_ctl-2.1-39.2.fc31 - package-announce - Fedora Mailing-Lists		lists.fedoraproject.org
Intel SA-00381 Processor Vulnerabilities in NetApp Products NetApp Product Security	CONFIRM	security.netapp.com
INTEL-SA-00381	MISC	www.intel.com
cert-portal.siemens.com/productcert/pdf/ssa-678983.pdf	CONFIRM	cert-portal.siemens.com
[SECURITY] Fedora 31 Update: microcode_ctl-2.1-39.2.fc31 - package-announce - Fedora Mailing-Lists	FEDORA	lists.fedoraproject.org
[SECURITY] [DLA 2546-1] intel-microcode security update	MLIST	lists.debian.org

CVE Program record

CVE.ORG www.cve.org

NVD vulnerability detail

NVD nvd.nist.gov

No vendor comments have been submitted for this CVE.

Legacy QID Mappings

[159327](#) Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3027)

[159328](#) Oracle Enterprise Linux Security Update for microcode_ctl (ELSA-2021-3028)

[198372](#) Ubuntu Security Notification for Intel Microcode vulnerabilities (USN-4628-3)

[239533](#) Red Hat Update for microcode_ctl (RHSA-2021:3029)

[239534](#) Red Hat Update for microcode_ctl (RHSA-2021:3028)

[239535](#) Red Hat Update for microcode_ctl (RHSA-2021:3027)

[239569](#) Red Hat Update for microcode_ctl (RHSA-2021:3176)

[239598](#) Red Hat Update for microcode_ctl (RHSA-2021:3364)

[257102](#) CentOS Security Update for microcode_ctl (CESA-2021:3028)

[377088](#) Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2021:0047)

[377112](#) Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX3-SA-2021:0057)

[377322](#) Alibaba Cloud Linux Security Update for microcode_ctl (ALINUX2-SA-2020:0187)

[378263](#) Virtuozzo Linux Security Update for microcode_ctl (VZLSA-2020:5083)

[378882](#) Citrix XenServer Security Updates (CTX285937)

[390265](#) Oracle Managed Virtualization (VM) Server for x86 Security Update for microcode_ctl (OVMSA-2022-0020)

[501192](#) Alpine Linux Security Update for intel-ucode

[501193](#) Alpine Linux Security Update for intel-ucode

[501194](#) Alpine Linux Security Update for intel-ucode

[504016](#) Alpine Linux Security Update for intel-ucode

[504017](#) Alpine Linux Security Update for intel-ucode

[504018](#) Alpine Linux Security Update for intel-ucode

[750537](#) OpenSUSE Security Update for ucode-intel (openSUSE-SU-2020:2098-1)

[750548](#) OpenSUSE Security Update for ucode-intel (openSUSE-SU-2020:2075-1)

[750598](#) OpenSUSE Security Update for ucode-intel (openSUSE-SU-2020:1923-1)

[750604](#) OpenSUSE Security Update for ucode-intel (openSUSE-SU-2020:1915-1)

[940391](#) AlmaLinux Security Update for microcode_ctl (ALSA-2021:3027)

[960737](#) Rocky Linux Security Update for microcode_ctl (RLSA-2021:3027)

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